
TeaP 2014

Programme

of the 56th Conference of Experimental Psychologists

Edited by Alexander C. Schütz, Knut Drewing, and Karl R. Gegenfurtner

March, 31st to April, 2nd

Gießen, Germany

This work is subject to copyright. All rights are reserved, whether the whole or part of the material is concerned, specifically the rights of translation, reprinting, reuse of illustrations, recitation, broadcasting, reproduction on microfilms or in other ways, and storage in data banks. The use of registered names, trademarks, etc. in this publication does not imply, even in the absence of a specific statement, that such names are exempt from the relevant protective laws and regulations and therefore free for general use.

The authors and the publisher of this volume have taken care that the information and recommendations contained herein are accurate and compatible with the standards generally accepted at the time of publication. Nevertheless, it is difficult to ensure that all the information given is entirely accurate for all circumstances. The publisher disclaims any liability, loss, or damage incurred as a consequence, directly or indirectly, of the use and application of any of the contents of this volume.

© 2014 Pabst Science Publishers, 49525 Lengerich, Germany

Printing: KM-Druck, 64823 Groß-Umstadt, Germany

Contents

Preface	4
General information	6
Information for presenters	8
Special events	9
Exhibitors and sponsors	11
Food and drinks	12
Maps	13
Programme overview	15
Keynote lectures, 13:30 – 14:45, Phil II	19
Talks, Monday, 08:30 - 10:00	21
Talks, Monday, 10:30 - 12:00	26
Posters, Monday, 15:00 - 17:00	32
Talks, Monday, 17:00 - 18:30	39
Talks, Tuesday, 08:30 - 10:00	45
Talks, Tuesday, 10:30 - 12:00	51
Posters, Tuesday, 15:00 - 17:00	57
Talks, Tuesday, 17:00 - 18:30	64
Talks, Wednesday, 08:30 - 10:00	69
Posters, Wednesday, 10:00 - 12:00	74
Talks, Wednesday, 15:00 - 16:30	80
Author index	85

Preface

About 110 years ago, from April 18-21, 1904, a group of psychologists gathered in Gießen for a scientific exchange; among them were G.E. Müller, H. Ebbinghaus, S. Exner, O. Külpe, C. Spearman, N. Ach, and W. Stern. There, under the initiative of Robert Sommer, the Professor for Psychiatry in Gießen, the German Society for Experimental Psychology was founded. This yearly gathering of experimental psychologists was eventually established as a tradition, and was resumed 46 years ago as an annual meeting of German-based experimental psychologists. We are very pleased that we may welcome TeaP for a fourth time since 1974, 1991, and 2004 to Gießen. In contrast to the first meeting 110 years ago, which took place around a single small table, the Teap of today has developed into quite a stately convention. This is reflected by the 570 contributions included in this year's volume.

Gießen has historically played an important role in German psychology, starting with the founding meeting, and the developments that arose thereafter. It all began primarily with the work of a single person, Gießen-based psychiatrist Robert Sommer (1864-1937). However, as can be seen in the report of the congress, it also took the initiative of G.E. Müller (Göttingen). Ebbinghaus, Külpe, Meumann, Sommer and Schumann were the first people to collaborate on the initiative committee. Later, Exner, Groos, Hering, v. Kries, Siebeck, Stumpf, and Ziehen joined the committee, with Groos, Siebeck and Sommer comprising the local committee. Leading the committee was Prof. Dr. phil. et med. Robert Sommer, the first director of the 1896-founded Clinic for Psychological and Nervous System Diseases of the Ludwig University in Gießen. Robert Sommer was an academic with many interests and great organizational talent. He published the first textbook for forensic psychiatry and for animal psychology, he founded the German Society for Psychological Health and Psychotherapy, and he established the Liebig Museum. He was also the Assistant Chairman for the German Society for Psychology for two and a half decades, and shortly before his death was named an honorary member in acknowledgement of his contribution to the development of psychology in Germany.

Karl Groos held the first psychology course in Gießen in 1901, from within the Faculty of Arts. In 1904, August Messer was named Associate Professor of the Arts at the University of Gießen. He took a one-year leave, in order to learn the research methods of Experimental Psychology under Oswald Külpe in Würzburg. In the years following, the scientific connections between Würzburg and Gießen remained close. In 1907, Külpe received an Honorary Doctorate from the Medical Faculty of the University of Gießen. With Sommer's support, August Messer received a lectureship in 1908 for Experimental Psychology and Experimental Pedagogy, and would in 1910 become Groos' successor. In 1911, Kurt Koffka qualified for Professorship in Gießen and was named an Assistant Professor of Experimental Psychology and, in 1918, Associate Professor. In 1921, he was appointed Department Head of the Institute for Experimental Psychology and Pedagogy, which was established in 1919. Since the Faculty of the Arts consisted of both a humanities and a sciences department in 1922, psychology became a part of the natural sciences, under the request of Koffka. The repeated attempt to give Koffka full professorship over the years continually failed. As a result, he followed a call for a position in the USA in 1927. In honor of Kurt Koffka, the Psychology Department of Justus-Liebig-University Gießen awards the Kurt-Koffka-Medal to scientists who advanced the fields of perception or developmental psychology to an extraordinary extent. Since its introduction in 2007, the winners are Marty Banks (Berkeley), Claes von Hofsten (Uppsala), Janette Atkinson (London) and Oliver Braddick (Oxford), Roberta Klatzky (Pittsburgh), Concetta Morrone (Pisa) and David Burr (Florence), Sandra Trehub (Toronto) and Stuart Anstis (San Diego).

Succeeding as Department Head was Friedrich Sander, who, however, soon moved to a position in Jena in 1933. In the same year, August Messer left the University for political reasons. His position was given to Gerhard Pfahler in 1934, who later moved on to Tübingen in 1938. His successor was Otto Friedrich

Bollnow, who had to be represented by Lecturer Harald Lassen after 1942, because he could no longer fulfill his duties due to a military service obligation. The closing of the University in 1945 also meant the end of the Institute for Psychology. In 1957, the Justus-Liebig-University was established, and in 1962 Karl-Hermann Wewetzer (1928-1978) became Chair of the new Psychology Department. As a result of the stark increase in the number of students, a second Department Chair was named in 1971, Anton Hajós (1935-2001). In 1974 (70 years after the first congress), Hajós and the members of his lab for Cybernetic and Physiological Psychology, organized the 16th TeaP in Gießen. In 2004, the 46th TeaP was organized by Dirk Kerzel, Volker Franz and Karl Gegenfurtner in Gießen.

This year's program covers all aspects of General Psychology, but also extends to Clinical, Developmental, Differential and Social Psychology and applied topics like Traffic Psychology and Consumer Behavior. The program is organized in 28 Symposia and 40 talk sessions with a total of 370 talks and almost 200 posters.

We wish all participants a pleasant stay in Gießen and an exciting conference with interesting talks, posters and fruitful discussions.

Alexander Schütz
Knut Drewing
Karl Gegenfurtner

General information

Organizers

Hosts

Alexander C. Schütz, Knut Drewing, & Karl R. Gegenfurtner
Allgemeine Psychologie FB 06 Psychologie und Sportwissenschaft
Justus-Liebig-Universität Giessen
Otto-Behaghel-Str. 10F
35394 Giessen

Support

Margareth Aichner, Rosalie Böhme, Joachim Kildau, Jonathan Ludolph, Julia Mazzarella, Christine Meier, Cornelius Schreiber, Immo Schütz, Christian Wolf

Reviewers

Elisabeth Baumgartner, Jutta Billino, Doris Braun, Steven Cholewiak, Robert Ennis, Katja Fiehler, Hanna Gertz, Alexandra Lezkan, Tobias Möhler, Stefanie Müller, Vivian Paulun, Immo Schütz, Patrick Spröte, Matteo Valsecchi, David Weiß

We thank Wolfgang Pieper for the historical information about the psychology in Giessen.

We would like to thank our student assistants, graduate and undergraduate students who will be available throughout the conference to answer questions, solve unexpected problems and generally make sure that things run smoothly.

Conference venue

The oral and poster sessions take place in the Philosophikum I (Otto-Behaghel-Str 10). The three keynote lectures as well as the official welcome address are held in the Philosophikum II (Karl-Glöckner-Str. 21), lecture hall 025. Please refer to pages 13ff for detailed maps.

Conference office

The conference office can be found in room B33, on the right from the main entrance. It is open from Monday to Wednesday, from 8:00 to 18:00. You can also register for the conference during the pre-conference welcome evening (page 9).

Conference name badge

Participants are kindly asked to wear the conference badge at all times during the conference. Participants who booked the conference dinner or the Math Night will find vouchers in their conference bag. Please make sure to take your voucher to the Math Night or the Conference Dinner where it will be collected by the staff.

Certificate of attendance

The certificate of attendance will be provided when registering for the conference.

Cloakroom

There will be an unguarded wardrobe in room B31, next to the conference office. Lockers can be found in the main hall of the university library.

WiFi internet access

The University of Gießen provides free wireless internet access for TeaP 2014 participants. You can either use **eduroam** (encrypted; recommended) or **ugitag** (unencrypted).

If your home institution participates in the **eduroam** project (<http://www.eduroam.org>): (1) connect to the wireless network with SSID eduroam, (2) on request enter your username@institution (e.g., username@your-university.xy) and password from your home institution, (3) and accept the eduroam certificate.

Alternatively, you can connect via **ugitag**, which is not encrypted: (1) connect to the wireless network with SSID ugitag, (2) on request enter the username (teap) and password (31teap02).

Coffee breaks

Coffee, tea, soft drinks and snacks will be served at different places in the Philosophikum I during the official coffee break times (10:00 and 15:00 on Monday & Tuesday, 10:00 on Wednesday).

Lunch

Three vouchers for a full meal in the Mensa on Monday, Tuesday, and Wednesday are included in the conference bag (if you did not opt out at registration). A full meal includes one main dish, as many side dishes you want, and one drink. Students' vouchers will be accepted only in combination with a valid student ID.

Prices and tips

Menu prices usually include service and taxes. In restaurants, a tip of approximately 5-10% is appreciated.

Important phone numbers

Emergency number 112

Police 110

Pharmacy

The nearest pharmacy is located on Memeler Str. (+49 641 46717, open: Mon-Fri 8.30 – 13.00 & 15:00 – 18:00, Sat 8.30 – 13:00). For telephone information about the 24-hour pharmacy standby service call 0800 0022833 from a landline or 22833 from a cell phone.

Smoking

Due to the non-smoking policy in public buildings, smoking is prohibited in all congress venues. There are some smoking areas in the front of the main building.

Public transportation

A ticket for public transportation is included in the conference bag. The ticket is valid from March, 31st to April, 3rd in the entire RMV area (large parts of south and middle Hesse, incl. Giessen, Frankfurt, Fulda, Mainz, Marburg) for buses, trams, metros, and regional trains (http://www.rmv.de/de/Linien_und_Netze/).

Tourist info

The tourist info is located in the city centre at Berliner Platz 2 next to the Kongresshalle (+49 641 3061890; open: Mon-Fri 9.00 – 18.00, Sat 10.00 – 14:00; <http://www.giessen-tourismus.de/>).

Information for presenters

Language of presentations

The official conference language is English, but some presentations will be also given in German. To avoid possible confusion, the actual language of oral presentations and posters must conform to the language of the abstract that was accepted for presentation.

Symposia and talk sessions

Symposium convenors and session chairs are asked to strictly keep to the schedule of the sessions. Each talk (including discussion) is allocated a time slot of 15 minutes. We recommend that presentations last 12 minutes followed by one or two questions. In some cases, it might be possible to present for 15 minutes and to postpone the discussion until the end of the session. This is possibly an option for those symposia in which a concluding discussion is planned. Symposium convenors and session chairs should feel free to use the number displays on the last pages of this program to inform the speaker about the remaining minutes.

Oral presentations

Each talk (including discussion) is allocated a time slot of 15 minutes. We recommend that presentations last 12 minutes followed by one or two questions. Computers for PowerPoint or PDF presentations are available in all lecture rooms. If you prepare a PowerPoint presentation, please make sure that it is compatible with **Microsoft PowerPoint 2007 or 2010 for Windows**. It is recommended to use standard fonts for preparing the presentations to minimize the risk of distorted layout. If you need any particular additional equipment, please let us know in advance by contacting teap@psychol.uni-giessen.de.

Please make sure to transfer your presentation files to the respective computer in the lecture room at least 10 minutes before the start of your session, using a USB memory stick. Preferably, you should do this in the morning or in the break before the session. Ask the technical assistants in the lecture rooms for help. They will be present 30 minutes before each session and during the session. Note that a presentation with your own laptop computer is not possible.

Poster presentations

Poster presenters are asked to prepare their posters in **DIN A0 portrait format (900 mm x 1200 mm maximum)**. There will be three poster sessions, one on each day of the conference. The sessions take place in the main hall of Philosophikum I from 15.00 to 17.00 on Monday and Tuesday and from 10.00 to 12.00 on Wednesday. The number of each poster within each session can be found in the program. The number of your poster has a letter at its beginning indicating whether it is scheduled for Monday (e.g. M-11), Tuesday (e.g. T-12), or Wednesday (e.g. W-13). Please put your posters up in the morning, thus making it possible for interested colleagues to view them all day. Pins are available in the main hall. During the actual poster sessions, the first author is expected to be available for requests and discussions. We also recommend preparation of handouts (miniature versions of the poster) for interested colleagues.

Special events

Keynote lectures

We are very pleased to welcome three outstanding keynote speakers to this year's TeaP conference. Jeremy Wolfe (Harvard, USA), Daphné Bavelier (Geneva, Switzerland) and Melvyn Goodale (London, Canada).

Keynote lectures will take place in the lecture hall 025 in the Philosophikum II (Karl-Glöckner-Str. 21) on each conference day, starting at 13.30 after the lunch break. **Please keep in mind that you will need about 15 min to walk from the Mensa to the Philosophikum II.**

Pre-conference welcome evening with option to register

The traditional TeaP welcome evening will take place in the "Gasthausbrauerei Alt-Gießen" (Westanlage 30-32, 35390 Gießen, very close to city center) on Sunday from 18:00. The restaurant with brewery serves a wide variety of affordable German and Italian dishes. Do not miss this opportunity to meet colleagues in this relaxed atmosphere. A registration desk will be open from 18:00 to 21:00 inside the restaurant, which allows you to register already one day before the start of the presentations on Monday morning.

Conference dinner

The Conference dinner (Gesellschaftsabend) will be held on Tuesday, April 1st, 19.00, at the Kongresshalle Gießen (Berliner Platz 2, 35390 Gießen). The conference dinner includes a buffet, accompanied by live-piano music and a special presentation (still to be determined at time of print).

The dinner will last until the venue closes at 23.00. Make sure to bring your **dinner voucher** with you. If you booked the dinner, the voucher will be provided in your conference bag, and it will be collected by students at the Kongresshalle.

The Kongresshalle can easily be reached from the University by the bus lines 801 or 802. You have to get off at Berliner Platz (or Behördenzentrum) and the bus station is close to the Kongresshalle. Students will guide conference participants to the Kongresshalle in groups leaving at 18.35 and 19.00 from the front entrance of Philosophikum I.

Meeting of the Fachgruppe Allgemeine Psychologie in the DGPs (in German)

The annual meeting for members of the Fachgruppe Allgemeine Psychologie will take place in A3 on Monday, beginning 19.00. The meeting will be held in German.

Math night

On Monday, March 31st, starting at 20:30, Gießen's math museum "Mathematikum" will be open exclusively for conference participants. At 20:30 there will be free drinks and a short introduction to the exhibition. Make sure to bring your **math night voucher** with you. If you booked the math night, the voucher will be provided in your conference bag, and it will be collected by students at the Mathematikum.

The Mathematikum is located at the crossing of Liebigstr. and Bahnhofstr., close to the main train station.

Data-Blitz

For the first time, TeaP 2014 will stage a "Data-Blitz", on Monday, March 31st at 17:00. Several researchers will present their research in a short and entertaining manner. Every presenter has five minutes and is allowed to use up to four slides. As a result, the audience will get a broad and entertaining overview over recent experimental research. This event will be organized and chaired by the representatives of the junior researchers of the DGPs section Allgemeine Psychologie Anne Gast and Jan Rummel.

Special events

Meeting of young scientists

All graduate students, post-docs, and assistant professors are invited to join the meeting of young scientists for a get-together, informal discussions, and information exchange.

When: Monday, 31.03., 21:00

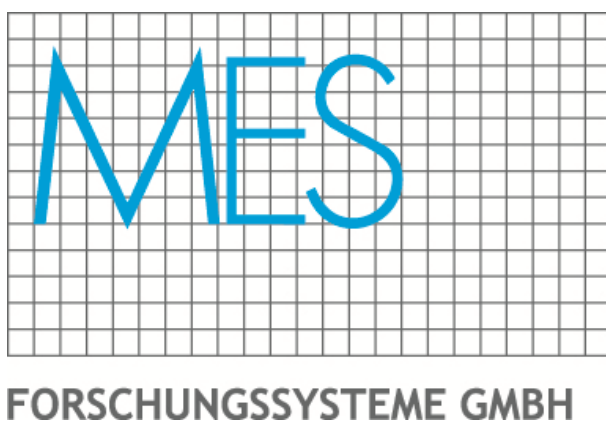
Where: Die Kate (Bismarckstr. 32, 35390 Gießen) <http://www.diekate-giessen.de/>

We look forward to seeing you there!

Anne Gast & Jan Rummel

(Sprecherteam der Jungmitglieder Allgemeine Psychologie)

Exhibitors and sponsors

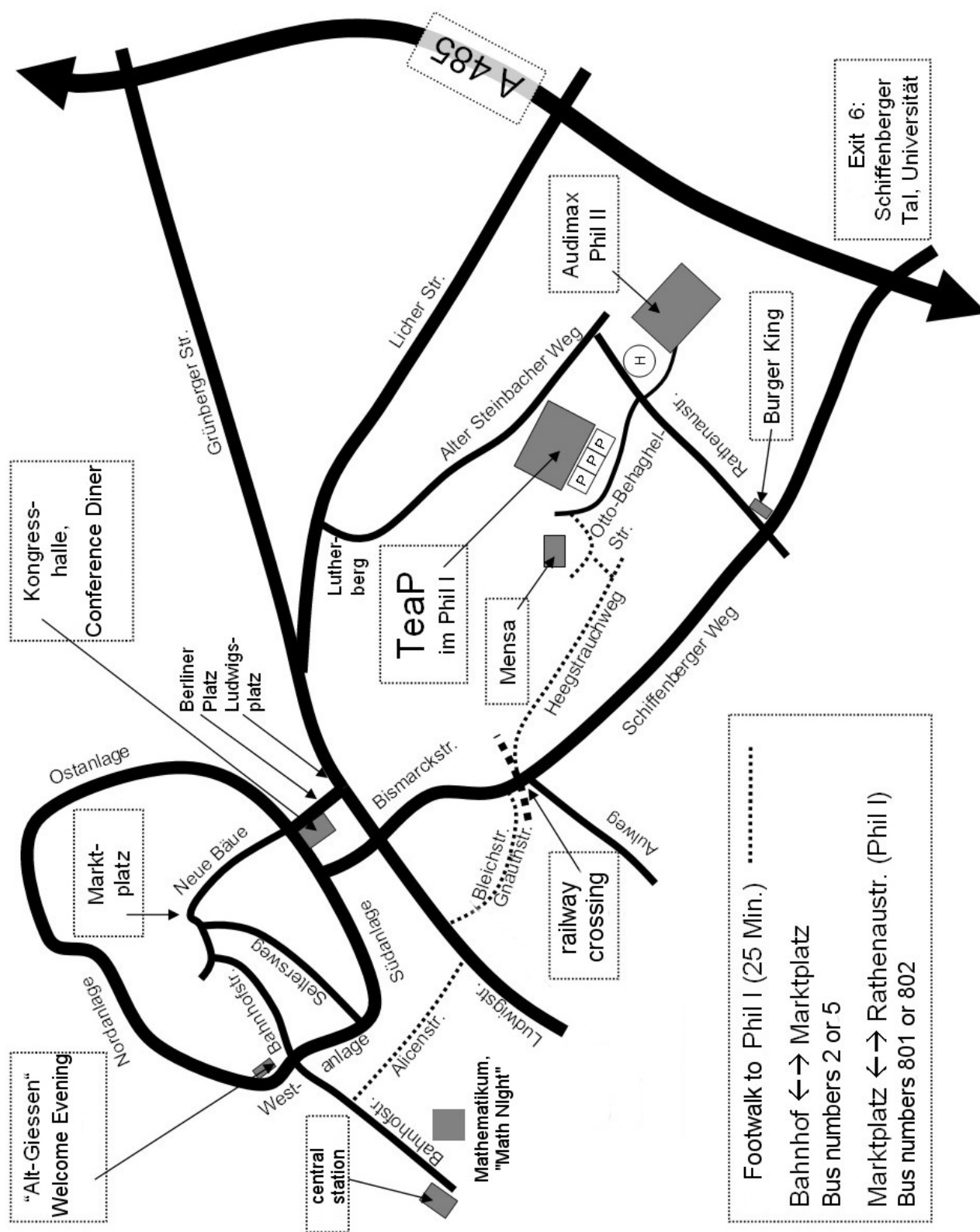


Food and drinks

Restaurant	Address	Phone (0641...)	Cuisine	Price range
Bistro Bitchen	Seltersweg 53, 35390	78103	German	affordable
Bootshaus	Bootshausstr. 12, 35390	68692555	German/ Hessian	rather pricey
Chamäleon	Reichensand 9, 35390	9313950	German/ Italian	cheap
Panorama	Marburger Str. 227, 35396	97223577	German	affordable
Chevy	Westanlage 64, 35390	73806	American	cheap
Gambrinus	Klinikstr. 21, 35392	97284858	German	rather pricey
Justus im Hessischen Hof	Frankfurter Str. 7, 35390	791798	German/ Hessian	rather pricey
Knossos	Rodheimer Str. 11, 35398	63827	Greek	rather pricey
Alt-Gießen	Westanlage 30, 35390	962610	German/ Hessian/ Italian	affordable
Italienische Nudelstube	Ludwigstraße 36, 35390	72684	Italian	affordable
Kim Phat	Lindenplatz 4, 35390	9727764	Japanese	cheap
Kleines Häusers	Leihgesterner Weg 25, 35392	9843788	German	affordable
Kloster Schiffenberg	Domäne Schiffenberg, 35394	490444	German	rather pricey
Melchiors	Ludwigstraße 55, 35392	8773808	German/ Hessian	cheap
Pizza Pie	Licher Straße 57, 35394	46795	Italian	affordable
Pizzeria Adria	Frankfurter Straße 30, 35392	71731	Italian	affordable
Heyligenstaedt	Aulweg 41, 35392	4609650	German	expensive
Schloßkeller	Brandplatz 2, 35390	38306	German	expensive
Tandreas	Licher Straße 55, 35394	94070	German	expensive
Zum Löwen	Neuenweg 8, 35390	73932	German/ Italian	affordable
India Restaurant	Ludwigstr. 8, 35390	960 9156	Indian	expensive
Hacienda	Rodheimer Str. 39, 35398	34753	Mexican	affordable

Bar/ Cafe	Address	Phone (0641...)	Price Range
Dachcafe	Ludwigsplatz 11, 35390	68691000	rather pricey
Cafe Melange	Schiffenberger Weg 5, 35394	72110	affordable
Cafe Türmchen	Marktplatz 7, 35390	38433	affordable
News Cafe	Plockstraße 1, 35390	3013418	affordable
Bolero	Ostanlage 45, 35390	9719 63 63	rather pricey
Die Kate	Bismarckstraße 32, 35390	77102	affordable
Mr. Jones	Bahnhofstraße 94, 35390	9728420	affordable
Vanilla Bar	Goethestraße 56, 35390	75555	affordable
Coffee One	Neustadt 25, 35390	9718100	affordable
cUBAR	Otto-Behaghel-Str. 8, 35394		cheap
Centralbar	Löbers Hof 8-10, 35390	9845337	affordable
Paprica	Friedrichstraße 4, 35392	72338	affordable
Kaffee Wolkenlos	Henselstraße 10, 35390	77619	affordable
Unique	Kugelberg 1, 35394	480 18 88	cheap
Cafe Amelie	Walltorstraße 17, 35390	9323427	cheap
Enjoy	Asterweg 6, 35390	301 91 80	cheap

Maps



Stadtwerke Gießen
SWG
BUS Linienetzplan



Programme overview

Sunday, 30.03.2014		
18:00	Pre- conference welcome evening	“Alt-Gießen”
Monday, 31.03.2014		
08:30	Talk session	Lecture rooms
10:00	Coffee break	Main hall
10:30	Talk session	Lecture rooms
12:00	Lunch break	Mensa
13:30	Keynote lecture: Jeremy Wolfe (Harvard, USA) “The human search engine”	Phil. II
15:00	Coffee break	Main hall
15:00	Poster session	Main hall
17:00	Talk session	Lecture rooms
19:00	Sitzung "Fachgruppe Allgemeine Psychologie der Deutschen Gesellschaft für Psychologie"	A3
20:30	Math night*	Mathematikum
Tuesday, 01.04.2014		
08:30	Talk session	Lecture rooms
10:00	Coffee break	Main hall
10:30	Talk session	Lecture rooms
12:00	Lunch break	Mensa
13:30	Keynote lecture: Daphné Bavelier (Geneva, Switzerland) “Action video games as exemplary learning tools”	Phil. II
15:00	Coffee break	Main hall
15:00	Poster session	Main hall
17:00	Talk session	Lecture rooms
19:00	Conference dinner*	Kongresshalle
Wednesday, 02.04.2014		
08:30	Talk session	Lecture rooms
10:00	Coffee break	Main hall
10:00	Poster session	Main hall
12:00	Lunch break	Mensa
13:30	Keynote lecture Melvyn Goodale (London, Canada) “Vision as a Sensorimotor System”	Phil. II
15:00	Talk session	Lecture rooms
16:30	Concluding session	A3
17:00	End of conference	

* requires special ticket

A1	A2	A3	A4	A5	B9	E6	F5	E104
Monday, 8:30 - 10:00								
Current aspects of movement planning*	Attention: Cognition A. Kiesel	Auditory perception K. Bittrich	Decision making I M. Schulte-Mecklenbeck	Eye movements: high level tasks M. Vo	Kognition und Emotion in der Mensch-Technik-Interaktion I* N. Backhaus, S. Brandenburg & M. Thüring	Memory I A. Bröder	Emotion and Language Processing* M. N. Carminati & P. Knoefelerle	
Monday, 10:30 - 12:00								
Sensorimotor ageing: Current trends and challenges*	The benefits and limits of classical dual-task models M. Janczyk & L. Huestegge	Pain-Cognition Interactions: Evidence from Experimental and Imaging Studies in Health and Disease* K. Forkmann	Decision making 2 R. Osinsky	Eye movements: low level tasks M. Valsecchi	Kognition und Emotion in der Mensch-Technik-Interaktion 2* S. Brandenburg, N. Backhaus & M. Thüring	Memory 2 N. Koranyi	Cognitive processes in language production* A. Mädebach & F. Oppermann	Emotions N. Kohn
Monday, 13:30 - 14:45, Phil II, Keynote lecture: Jeremy Wolfe: "The human search engine"								
Monday, 15:00 - 17:00, Poster session								
Monday, 17:00 - 18:30								
Current Topics on Action Observation*	Congruency effects L. Colzato	Improving cognitive functions across the adult lifespan: Effects of physical and cognitive interventions* J. Karbach & T. Ströbach	Decision Neuroscience* P. N. C. Mohr	Visual perception of material properties R. Fleming	Fahrverhalten an Kreuzungen – Kognitive Grundlagen und Unterstützung s-Konzepte* M. Baumann & F. Naujoks	Learning G. Janzen	Language A. Philipp	Data-Blitz A. Gast & J. Rummel
Monday, 19:00, A3, Fachgruppentreffen								

* Symposium

A1	A2	A3	A4	A5	B9	E6	F5	E104
Tuesday, 8:30 - 10:00								
Cognitive and Neurocognitive Approaches in Sport Psychology and Movement Sciences*	Action & Perception I M. Rieger	Attention: Interindividual Differences T. Albrecht	Cognitive Modeling: Applications in Memory, Reasoning, and Decision Making* D. Kellen, T. Pachur & H. Singmann	Oculomotor learning and adaptation* D. Souto & A. C. Schütz	Verkehrs- psychologie K. Hamburger	Working memory C. Bledowski	Social cognition A. Voss	Methods F. Meissner
Tuesday, 10:30 - 12:00								
Top-down control in conscious and unconscious vision*	Action & Perception 2 D. Kerzel	Cognitive mechanisms contributing to Internet addiction: Experimental investigations* M. Brand & K. Müller	Cognitive Modeling: Applications in Memory, Reasoning, and Decision Making* D. Kellen, T. Pachur & H. Singmann	Eye movements: Perception R. Foerster	Traffic psychology T. Petzoldt	Facial Health Perception* R. Russell	Social psychology H. Gibbons	Modeling A. Jansen
Tuesday, 13:30 - 14:45, Phil II, Keynote lecture: Daphné Bavelier: "Action video games as exemplary learning tools"								
Tuesday, 15:00 - 17:00, Poster session								
Tuesday, 17:00 - 18:30								
From perception to action.* T. Schenk & V. H. Franz	Priming & Masking C. Frings	Insights into current research on deception and concealed information detection* J. Peth & K. Suchotzki	Risky choice A. Gloeckner	Multisensory perception B. Straube	Virtual Reality in Behavioral Research: Issues and Challenges* R. S. Renner, L. Chuang & S. Pannasch	Development C. Kubicek	Clinical psychology T. Kleinsorge	

* Symposium

A1	A2	A3	A4	A5	B9	E6	F5	E104
Wednesday, 8:30 - 10:00								
Reference frames for spatial perception and action* <i>K. Fiehler & S. Müller</i>	Visual Attention <i>N. Busch</i>	"Yes We Scan" - Methods and Approaches of Ambulatory Monitoring* <i>S. Schnieder</i>	Motor control <i>F. Hoffstaedter</i>	Perception <i>U. Roeber</i>	Creativity & Aesthetics <i>B. Hommel</i>	Conditioning <i>T. Klucken</i>	Personality and individual differences <i>S. Fiedler</i>	
Wednesday, 10:00 - 12:00, Poster session								
Wednesday, 13:30 - 14:45, Phil II, Keynote lecture: Melvyn Goodale: "Vision as a Sensorimotor System"								
Wednesday, 15:00 - 16:30								
Neurocognitive aspects of manual actions* <i>C. Seegelke & D. Koester</i>	Auditory attention <i>I. Koch</i>	How does metacognition develop and what are its neural correlates?*	Psychological processes in risky decision making: An applied perspective*	Visual perception: Faces <i>S. Schweinberger</i>	Economy <i>D. Lohaus</i>	Motivation <i>S. Scherbaum</i>	Gaining insight into the inside? Can introspection help to grasp the processes underlying non-conscious decisions?*	<i>K. G. Volz & L. F. Mega</i>
Wednesday, 16:30, A3, Concluding session								

* Symposium

Keynote lectures, 13:30 – 14:45, Phil II

Monday **The Human Search Engine**

Jeremy M. Wolfe

Visual Attention Lab, Harvard Medical School, and Brigham and Women's Hospital, Boston, Massachusetts

Humans engage in an endless set of visual search tasks at time scales running from a fraction of a second (Where is the “@” on my keyboard?) to many minutes or more (e.g. foraging for berries in a field.) To accomplish these tasks, humans have a search engine that comes with impressive capabilities and equally impressive limitations. Our civilization has designed a set of socially important search tasks from airport security to breast cancer screening. We want these difficult tasks done at high-speed with low error rates. Perhaps unsurprisingly, that is not the case; in part because of a mismatch between the tasks and that human search engine. Basic research in visual attention can be informed by these problems and can, in turn, offer suggestions for improvements.

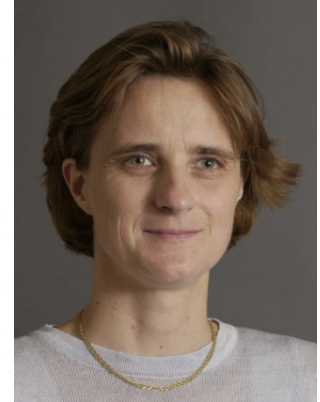


Tuesday **Action video games as exemplary learning tools**

Daphné Bavelier

Faculté de Psychologie et des Sciences de l'Éducation, Université de Genève

From chatting on the internet to playing video games, technology has invaded all aspects of our lives. For better or for worse, it is changing who we are. But can we harness technology to effect changes for the better? In the midst of reported negative effects, recent studies show that this might indeed be the case. In a surprising twist, an often-decried activity such as playing action video games enhances various sensory, attentional and cognitive skills. A training regimen whose benefits are so broad is unprecedented and provides a unique opportunity to identify factors that underlie generalization of learning and principles of brain plasticity. A set of common mechanisms are hypothesized to be at the source of this wide range of skill improvement. In particular, performance improvement following action video game play may be mediated through greater attentional control, better statistical inference in neural networks and in turn an enhanced ability at learning to learn. Practical applications from education to health will be discussed.



Wednesday Vision as a Sensorimotor System

Melvyn A. Goodale

Department of Psychology, The University of Western Ontario; The Brain and Mind Institute, The University of Western Ontario

Traditionally, research on vision focused on its role in perception and our cognitive life. Except for the study of eye movements, which have typically been regarded as an information-seeking adjunct to visual perception, little attention was paid to the way in which vision is used to control our actions, particularly the movements of our hands and limbs. Yet a complete account of the visual system requires as much attention to the organization of motor output as to the processing of sensory input. Historically, however, a sharp division was drawn between sensory and motor systems in classical psychology and physiology. The chapters in undergraduate textbooks dealing with vision were quite separate from those discussing how the motor system works. Similar divisions existed in scientific societies, journals, and symposia – and sometimes within university departments. It is true that one could find the occasional book that talked about ‘sensorimotor integration’ and the occasional meeting that brought together researchers from both fields but, in general, sensory and motor systems were two solitudes. Instead, the prevalent belief was that the visual machinery of the brain is dedicated to constructing an internal model of the external world, a kind of simulacrum of the real thing that serves as a perceptual foundation for all visually-driven thought and action.

All of that has now changed. Today, researchers are actively investigating the ways in which vision is used to control a broad range of complex goal-directed action – and are exploring the neural substrates of that control. New models of the functional organization of the visual pathways in the primate cerebral cortex have emerged that challenge the older monolithic views of the visual system. In this historical review, I will attempt to trace the lines of research over the last twentyfive years that have provided fundamental insights into the role of vision in the programming and control of action, and have made the study of vision-for-action a vibrant part of the vision research enterprise.



Talks, Monday, 08:30 - 10:00

Symposium

Current aspects of movement planning

A1

Katja Fiehler & Hanna Gertz

08:30 **Object-centered spatial encoding in monkey parietal reach region and dorsal premotor cortex**

Alexander Gail

German Primate Center, Bernstein Center for Computational Neuroscience Göttingen

08:45 **The influence of object distinctiveness on reach-to-grasp signals at the human anterior intraparietal sulcus**

Jason A. Martin & Marc Himmelbach

Centre for Neurology, University of Tübingen

09:00 **Movement planning in ambiguous situations**

Hanna Gertz & Katja Fiehler

Experimental Psychology, Justus-Liebig-University Giessen

09:15 **A Role of Human Posterior Parietal Cortex in Action Selection?**

Axel Lindner

Hertie Institute for Clinical Brain Research, Department of Cognitive Neurology

09:30 **Decoding Free-Choice Movement Selection during Motor Planning**

Giacomo Ariani, Moritz F. N. Wurm & Angelika Lingnau

Center for Mind/Brain Sciences (CIMEC), University of Trento

Talk session

Attention: Cognition

A2

Andrea Kiesel

08:30 **Modulation of visual attention by object affordance**

Patricia Garrido-Vásquez & Anna Schubö

Philipps University Marburg

08:45 **Emotional Quality of Targets and Distractors Modulates Dynamic Visual Attention**

Georg Jahn & Julia Wendt

Department of Psychology, University of Greifswald

09:00 **The Role of Response Speed Awareness for Conflict Adaptation**

Christoph Huber-Huber & Ulrich Ansorge

Department of Basic Psychological Research and Research Methods, University of Vienna

09:15 **Self-directed vs. externally controlled multiple cognitive task requirements**

Andrea Kiesel & David Dignath

University of Würzburg

09:30 **The reliability of cognitive control functioning: Time-of-day effects on cognitive control depend on task complexity**

Elisabeth Cohors-Fresenborg, Franziska Plessow & Rico Fischer

Department of Psychology, Technische Universität Dresden

Auditory perception

A3

Katrin Bittrich

- 08:30 **Effect of rise time and amplitude modulation on auditory simple reaction time**
Josef Schlittenlacher & Wolfgang Ellermeier
AG Angewandte Kognitionspsychologie, TU Darmstadt
- 08:45 **Contrasting Perception and Production of Tonal Stimuli – a follow-up**
Katrin Bittrich & Sven Blankenberger
Martin-Luther-University Halle-Wittenberg, Department of Psychology
- 09:00 **Inattentional deafness in a realistic musical setting**
Sarah Chiller-Glaus
Kalaidos University of Applied Sciences Switzerland
- 09:15 **The pre-attentive discrimination of instrumental timbre and equally complex noise in non-musicians**
Corinna A. Christmann, Stefan Berti & Thomas Lachmann
Center for Cognitive Science, University of Kaiserslautern
- 09:30 **The influence of practice on the perception of unfamiliar musical chords**
Christian Kaernbach & Joshua Lorenzen
Institut für Psychologie, Christian-Albrechts-Universität zu Kiel
- 09:45 **Learning to recognize voices: electrophysiological correlates**
Romi Zäske¹, Gregor Volberg² & Stefan R. Schweinberger¹
¹Department for General Psychology and Cognitive Neuroscience, Friedrich Schiller University of Jena;
²Department of Psychology, Friedrich Schiller University of Jena

Decision making I

A4

Michael Schulte-Mecklenbeck

- 08:30 **Does search determine choice? The impact of subtle information costs on cognitive processes.**
Michael Schulte-Mecklenbeck, Thorsten Pachur & Ralph Hertwig
Max Planck Institute for Human Development, Center for Adaptive Rationality
- 08:45 **Toolbox versus adjustable spanner: Which metaphor describes information search behavior best?**
Anke Söllner & Arndt Bröder
School of Social Sciences, University of Mannheim
- 09:00 **Designing environments for optimal learning in probabilistic decision making**
Marc Jekel¹, Andreas Glöckner² & Arndt Bröder³
¹University of Göttingen; ²University of Göttingen, MPI Collective Goods Bonn; ³University of Mannheim
- 09:15 **Organizing information in decision tasks with suboptimal information acquisition sequences**
Florence Ettlin & Arndt Bröder
University of Mannheim
- 09:30 **Stability in use of the recognition heuristic**
Martha Michalkiewicz & Edgar Erdfelder
Department of Psychology III: Cognition and Individual Differences, University of Mannheim

- 09:45 **Situated Decision-Making in a Virtual Reality Environment: Affective, Social, and Moral Aspects of Dilemmas**
 Alexander Skulmowski¹, Andreas Bunge², Kai Kaspar³ & Gordon Pipa²
¹Department of Media Research, TU Chemnitz; ²Institute of Cognitive Science, University of Osnabrück;
³Social and Media Psychology, University of Cologne

Talk session

Eye movements: high level tasks

- | | | |
|-----------|--|---------------|
| A5 | | Melissa L. Vo |
|-----------|--|---------------|
- 08:30 **Seek and remember: Scene semantics interact with visual search to build better memories**
 Melissa L.-H. Vo¹, Dejan Draschkow², Emilie L. Josephs³ & Jeremy M. Wolfe⁴
¹Visual Attention Lab, Harvard Medical School; Center of Integrative Neuroscience Tübingen; ²Ludwig-Maximilians Universität München; ³Visual Attention Lab, Harvard Medical School; ⁴Visual Attention Lab, Harvard Medical School; Brigham & Women's Hospital
- 08:45 **What we see and what we take - Eye-movements do not predict performance in an everyday episodic memory task**
 Matthias Kempe
 Institute of Cognitive and Team/Racket Sport Research, German Sport University Cologne
- 09:00 **Eye movements enhance sequence learning**
 Solveig Vieluf, Matthias Massing & Stefan Panzer
 Department of Sport Science, Saarland University
- 09:15 **Visual context modulates the influence of associations and production-based mechanisms on language-mediated anticipatory eye movements**
 Florian Hintz¹, Antje S. Meyer² & Falk Huettig²
¹Max Planck Institute for Psycholinguistics Nijmegen, International Max Planck Research School for Language Sciences Nijmegen; ²Max Planck Institute for Psycholinguistics Nijmegen, Donders Institute for Brain, Cognition, and Behavior, Radboud University Nijmegen
- 09:30 **Look at where I look - Perspective adoption in the noninformative gaze-cueing paradigm is not present for overt orienting**
 Johannes Schulz¹, Boris M. Velichkovsky² & Jens R. Helmert¹
¹Unit of Engineering Psychology and Applied Cognitive Research, Technische Universität Dresden; ²Moscow Institute of Physics and Technology and Kurchatov Research Center

Kognition und Emotion in der Mensch-Technik-Interaktion I

- B9** Nils Backhaus, Stefan Brandenburg & Manfred Thüring
- 08:30 **Bunter, aufregender, interaktiver – die Erlebnisqualität von Websites und ihre Wirkung auf Nutzervertrauen**
Nina Bär
TU Chemnitz
- 08:45 **Zur Ergonomie prosozialen Verhaltens: Kontextabhängige Einflüsse von Körperhaltungen auf die Ergebnisse in einem Diktatorspiel**
Jörn Hurtienne¹, Diana Löffler¹ & Julia Schmidt²
¹Lehrstuhl Psychologische Ergonomie, Julius-Maximilians-Universität Würzburg; ²Fachgebiet Mensch-Maschine-Systeme, Technische Universität Berlin
- 09:00 **Spiel oder nicht Spiel - Der Einfluss von Kontext und Erwartungen auf UX**
Alice M. Gross
Berlin Institute of Technology, Research Graduate School prometei
- 09:15 **Der Einfluss von Exposition auf das Nutzererleben in der Mensch-Technik-Interaktion und die Bedeutung von expliziter Evaluation**
Marlene Vogel¹ & Manfred Thüring²
¹Graduiertenkolleg Prometei, Technische Universität Berlin; ²Technische Universität Berlin
- 09:30 **Kulturelle Unterschiede bei mentalen Modellen für Webobjekte**
Silvia Heinz & Sebastian Linxen
Forschungsschwerpunkt Mensch-Maschine Interaktion, Fakultät für Psychologie, Universität Basel

Memory I

- E6** Arndt Bröder
- 08:30 **Exploring the discrete slot visual short-term memory model**
Arndt Bröder & Moritz Rüller
School of Social Sciences, University of Mannheim
- 08:45 **Is the survival-processing advantage due to enhanced short-term memory involvement?**
Sabine J. Schlittmeier¹ & Jan P. Röer²
¹Work, Environmental & Health Psychology, Catholic University of Eichstätt-Ingolstadt; ²Cognitive and Industrial Psychology, Heinrich-Heine University Düsseldorf
- 09:00 **Interpolated Retrieval Practice Counteracts List-Method Directed Forgetting**
Magdalena Abel & Karl-Heinz T. Bäuml
Institut für Experimentelle Psychologie, Universität Regensburg
- 09:15 **Retrieval-induced forgetting in procedural memory**
Tobias Tempel & Christian Frings
Universität Trier
- 09:30 **Forgetting: The Psychological Relativity of Time**
Christof Kuhbandner & Julia S. Haager
Department of Psychology, University of Regensburg
- 09:45 **Valence asymmetries in person memory are mediated by similarity**
Juliane Burghardt & Christian Unkelbach
University of Cologne

Symposium

Emotion and Language Processing

F5

Maria N. Carminati & Pia Knoeferle

08:30 Eye tracking evidence of emotional priming of sentence processing and its modulation by age

Maria N. Carminati & Pia Knoeferle

CITEC University of Bielefeld

08:45 It's all in your head – effects of social context on emotional word processing

Sebastian Schindler, Inga Steppacher, Martin Wegrzyn & Johanna Kissler

Affective Neuropsychology, University of Bielefeld

09:00 Valence-specific attention allocation enhances processing of emotional words in language-related brain areas.

Martin Wegrzyn¹, Cornelia Herbert², Thomas Ethofer³, Tobias Flaisch⁴ & Johanna Kissler¹

¹Department of Psychology, University of Bielefeld; ²Department of Psychology, University of Würzburg;

³Werner Reichardt Centre for Integrative Neuroscience, University of Tübingen; ⁴Department of Psychology, University of Konstanz

09:15 The involvement of the prefrontal cortex in the processing of emotional words

Kati Keuper¹, Inga Laeger², Peter Zwanzger² & Christian Dobel¹

¹Institute of Biomagnetism and Biosignalanalysis, University of Münster; ²Department of Psychiatry, University of Münster

Talks, Monday, 10:30 - 12:00

Symposium

Sensorimotor ageing: Current trends and challenges

A1

Jutta Billino & Mathias Hegele

10:30 Age-related changes in sensorimotor networks

Joshua H. Balsters

Neural Control of Movement Lab, ETH Zürich; Trinity College Institute of Neuroscience, Trinity College Dublin

10:45 As good as a fifteen year old: “Oculomotor ageing” in the anti-saccade task

David J. Mack & Uwe Ilg

Hertie-Institute for Clinical Brain Research, Dept. Cognitive Neurology (Oculomotor Lab), Eberhard-Karls-Universität Tübingen

11:00 Age-related changes in prefrontal neural activation during dual-task walking: an approach using fNIRS

Rainer Beurskens, Otmar Bock, Robert Rein & Ingo Helmich

University of Potsdam, Faculty of Human Sciences, Department of Training and Movement Sciences

11:15 Translating knowledge into action: Age-related differences in the application of explicit strategies in visuomotor adaptation

Mathias Hegele¹ & Herbert Heuer²

¹Neuromotor Behavior Lab, Dept. of Sport Science, University of Giessen; ²IfADo - Leibniz Research Centre for Working Environments and Human Factors Dortmund

11:30 Reduced neural differentiation between feedback conditions after bimanual coordination training with and without augmented visual feedback in young and older adults

Iseult Beets¹, James Coxon², Jolien Gooijers¹ & Stephan P. Swinnen³

¹Movement Control and Neuroplasticity Research Group, KU Leuven; ²Movement Neuroscience Laboratory, Department of Sports and Exercise Science, The University of Auckland; ³Movement Control and Neuroplasticity Research Group, KU Leuven; Leuven Research Institute for Neuroscience and Disease (LIND)

11:45 Ingredients for successful interventions targeting the out-of-home mobility in old age

Otmar Bock

Institut für Physiologie und Anatomie, Deutsche Sporthochschule Köln

Symposium

The benefits and limits of classical dual-task models

A2

Markus Janczyk & Lynn Huestegge

10:30 Electrophysiological and behavioral evidence for shared multiple resources of visuo-spatial attention and response selection

Christina Reimer, Tilo Strobach & Torsten Schubert

General Psychology, Humboldt-Universität zu Berlin

10:45 Crosstalk within and between response modalities

Aleksandra Pieczykolan & Lynn Huestegge

University of Würzburg

- 11:00 Modality matters: Evidence for modality-specific crosstalk in task switching**
Denise N. Stephan & Iring Koch
Institute of Psychology, RWTH Aachen University
- 11:15 The regulation of cognitive control in dual tasks: Bottom-up priming of temporal task overlap determines the shielding of prioritized primary task processing**
Rico Fischer¹, Caroline Gottschalk² & Gesine Dreisbach³
¹Department of Psychology, Technische Universität Dresden; ²Technische Universität Dresden; ³Regensburg University
- 11:30 Who is talking in backward crosstalk? Disentangling response- from goal-conflict in dual-task performance**
Markus Janczyk
University of Würzburg, Department of Psychology III
- 11:45 Dual-Tasking is more than task-switching: Looking for performance benefits instead of costs**
Jessika Reissland & Dietrich Manzey
Institut für Psychologie und Arbeitswissenschaft, Technische Universität Berlin

Symposium

Pain-Cognition Interactions: Evidence from Experimental and Imaging Studies in Health and Disease

-
- A3** Katarina Forkmann
- 10:30 Placebo analgesia reviewed: brain mechanisms of endogenous pain modulation and its changes across the lifespan**
Nathalie Wrobel
Department of Neurology, University Medical Center Hamburg-Eppendorf
- 10:45 Neural underpinnings of placebo effects: an fMRI study in healthy volunteers**
Julia Schmid¹, Carolin Gramsch², Sven Benson¹, Christoph Ritter³, Ulrike Bingel³ & Sigrid Elsenbruch¹
¹Inst. of Medical Psychology & Behavioral Immunobiology, University Hospital of Essen; ²Dep. of Diagnostic & Interventional Radiology and Neuroradiology, University Hospital of Essen; ³Clinic for Neurology, University Hospital of Essen
- 11:00 Placebo effects in the treatment of chronic back pain**
Maike Mueller
Department of Cognitive and Clinical Neuroscience, Central Institute of Mental Health, Medical Faculty Mannheim, Heidelberg University
- 11:15 Neural activations during explicit processing of pain-related words in chronic low back pain patients**
Alexander Ritter
Biologische und Klinische Psychologie Jena
- 11:30 Pain-specific modulation of hippocampal activity and functional connectivity during visual encoding**
Katarina Forkmann
Department of Neurology, University Medical Center Essen
- 11:45 The interruptive function of pain in the trigeminal and peripheral system**
Katharina Schmidt, Christopher Sinke, Katarina Forkmann & Ulrike Bingel
Klinik für Neurologie, Universitätsklinikum Essen; Klinik und Poliklinik für Neurologie, Universitätsklinikum Hamburg-Eppendorf

Decision making 2

A4

Roman Osinsky

- 10:30 **Transitive Causal Induction and Distorted Betting Decisions**
Dennis Hebbelmann, Momme von Sydow & Klaus Fiedler
Department of Psychology, University of Heidelberg
- 10:45 **Probability judgments about logical relations – Bayes replacing Biases?**
Momme von Sydow
Universität Heidelberg
- 11:00 **Robust simplicity? Limited search is more susceptible to working memory load than weighting cues equally**
Hanna B. Fechner, Lael J. Schooler & Thorsten Pachur
Max Planck Institute for Human Development
- 11:15 **Tracking memory processes during rule versus similarity-based decision making**
Agnes Scholz¹, Bettina von Helversen² & Jörg Rieskamp²
¹Cognitive and Engineering Psychology, Technische Universität Chemnitz; ²Economic Psychology, Universität Basel
- 11:30 **The Curse of Knowledge – The Neural Basis of Interference in Decision Making through Automatic Knowledge Activation**
Patrick H. Khader¹, Thorsten Pachur², Kerstin Jost³ & Lilian A.E. Weber⁴
¹Department Psychologie, Ludwig-Maximilians-Universität München; ²Max-Planck-Institut für Bildungsforschung Berlin; ³Institut für Psychologie, RWTH Aachen; ⁴Fachbereich Psychologie, Philipps-Universität Marburg
- 11:45 **Feedback related brain activity and counterfactual outcome comparisons**
Roman Osinsky
Department of Psychology, Julius-Maximilians-University Würzburg

Eye movements: low level tasks

A5

Matteo Valsecchi

- 10:30 **The Quiet Eye and motor performance – Introducing fixation duration as an independent variable**
André Klostermann, Ralf Kredel & Ernst-Joachim Hossner
University of Bern, Institute of Sport Science
- 10:45 **The role of microsaccades in high-precision control of binocular gaze**
Matteo Valsecchi & Karl R. Gegenfurtner
Allgemeine Psychologie, Justus-Liebig Universität Giessen
- 11:00 **Selection-for-perception and selection-for-action during saccade preparation**
Tobias Moehler & Katja Fiehler
Experimental Psychology, Justus-Liebig-University Giessen
- 11:15 **Biasing attention by a novel (surprising) feature**
Gernot Horstmann
Center for Interdisciplinary Research; Faculty of Psychology; CITEC, Bielefeld University
- 11:30 **Using spatial statistics to investigate allocation of attention within single trials**
Hans A. Trukenbrod & Ralf Engbert
Department of Psychology, University of Potsdam

- 11:45 **Making a low-budget eye tracker**
 Djordje Djurica¹ & Sebastian Schnieder²
¹Faculty of Economics, University of Novi Sad; ²Bergische Universität Wuppertal

Symposium

Kognition und Emotion in der Mensch-Technik-Interaktion 2

- B9** Stefan Brandenburg, Nils Backhaus & Manfred Thüring
- 10:30 **Validität von Prototypen in der nutzerzentrierten Gestaltung**
 Sarah Diefenbach
 Nutzererleben und Ergonomie, Folkwang Universität der Künste Essen
- 10:45 **Quantify yourself! Smartphone-basierte Erfassung von Nutzerverhalten und -stimmung in einem Alltagssetting**
 Sebastian Schnieder¹, Nils Backhaus², David Sommer³, Martin Golz³, Marcin Grzegorzek⁴ & Jarek Krajewski¹
¹Bergische Universität Wuppertal, Experimental Industrial Psychology; ²Technische Universität Berlin, Fachgebiet Kognitionspsychologie und Kognitive Ergonomie; ³Fachhochschule Schmalkalden, Neuroinformatik und Signalverarbeitung; ⁴Universität Siegen, Pattern Recognition Institute for Vision and Graphics
- 11:00 **Analyse von Tastaturanschlägen und Mausbewegungsmustern zur Detektion von Schläfrigkeit in der PC-Arbeit**
 Stefan Ungruh¹, Jarek Krajewski¹, Mareile Opwis¹, Florian Eyben², Björn Schuller² & Sebastian Schnieder¹
¹Bergische Universität Wuppertal, Experimentelle Wirtschaftspsychologie; ²LMU München, Lehrstuhl für Mensch-Maschine-Kommunikation
- 11:15 **Benutzererlebnisse quantitativ messen mit dem meCUE Fragebogen**
 Michael Minge
 Technische Universität Berlin
- 11:30 **Think positive! – Eine deutsche Version des mDES zur Erfassung von Emotionen in der Mensch-Technik-Interaktion**
 Stefan Brandenburg & Nils Backhaus
 Chair of Cognitive Psychology and Cognitive Ergonomics, Technische Universität Berlin

Talk session

Emotions

- E104** Nils Kohn
- 10:30 **Emotions in the movies – Is there a need for a new film set for emotion elicitation?**
 Nils Backhaus & Stefan Brandenburg
 Technische Universität Berlin
- 10:45 **The Impact of Happy and Sad Emotions on the Status Quo Bias**
 Yury Shevchenko¹, Bettina von Helversen² & Benjamin Scheibehenne²
¹Chair of Experimental Psychology, University of Mannheim; ²Department of Psychology, University of Basel
- 11:00 **Inter-individual variability in the preference for predictable shocks is linked to differential autonomic responses**
 Sabrina Boll & Matthias Gamer
 Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf

Talks, Monday, 10:30 - 12:00

- 11:15 **Counter-regulation depends on Emotional Intensity - Illuminating the Determinants of Implicit Emotion Regulation**
Susanne Schwager & Klaus Rothermund
Friedrich Schiller University Jena
- 11:30 **Neural network of cognitive emotion regulation – an ALE meta-analysis and MACM analysis**
Nils Kohn
Department of Psychiatry, Psychotherapy and Psychosomatics RWTH Aachen University
- 11:45 **Is source memory enhanced for emotional stimuli? A critical test of the object-based framework**
Miriam M. Meyer, Raoul Bell & Axel Buchner
Abteilung für Allgemeine Psychologie und Arbeitspsychologie, Heinrich-Heine-Universität Düsseldorf

Talk session

Memory 2

-
- E6** Nicolas Koranyi
- 10:30 **Is memory one representation or many? Evidence for the dynamic use of multiple representations**
Dirk U. Wulff¹, Thomas T. Hills² & Ralph Hertwig¹
¹Center for Adaptive Rationality MPI for Human Development; ²University of Warwick
- 10:45 **Revelation affects revealed but not intact items in the revelation effect**
Andre Aßfalg, Devon Currie & Daniel M. Bernstein
Kwantlen Polytechnic University Surrey
- 11:00 **Source memory of visual imagery: a hierarchical multinomial processing tree model**
Antonia Krefeld, Andrew W. Ellis & Margit E. Oswald
Institute for Psychology, University of Bern
- 11:15 **Maintaining the Fabrications: Knowledge about Having Lied to a Question is Retrieved Automatically**
Nicolas Koranyi, Franziska Schreckenbach & Klaus Rothermund
University of Jena
- 11:30 **Effects of social labeling and justice sensitivity on source memory for cheaters**
Laura Mieth¹, Raoul Bell¹, Mario Gollwitzer² & Axel Buchner¹
¹Institut für experimentelle Psychologie, Heinrich-Heine-Universität Düsseldorf; ²Fachbereich Psychologie, Philipps-Universität Marburg

Symposium

Cognitive processes in language production

F5

Andreas Mädebach & Frank Oppermann

- 10:30 Semantic distance effects in language production: Electrophysiological evidence for lexical competition across three paradigms**
Rasha Abdel Rahman
Humboldt-Universität zu Berlin
- 10:45 Effects of Distractor AoA and Semantic Relatedness in the Picture-Word Interference Paradigm**
Jessica Ernst¹, Eva Belke¹ & Rasha Abdel Rahman²
¹*Sprachwissenschaftliches Institut, Ruhr-Universität Bochum*; ²*Institut für Psychologie, Humboldt-Universität Berlin*
- 11:00 On the trouble of being a polyglot: Language conflict in trilingual word production**
Kristin Lemhöfer & Herbert Schriefers
Radboud University Nijmegen
- 11:15 Briefly presented action scenes activate lexical information**
Jens Bölte¹, Pienie Zwitserlood¹, Reinhild Glanemann², Claudine Meier¹ & Christian Dobel³
¹*Institut für Psychologie, Westfälische Wilhelms-Universität Münster*; ²*Clinic of Phoniatrics and Pedaudiology, University Hospital Münster*; ³*Institute for Biomagnetism and Biosignalanalysis, Westfälische Wilhelms-Universität Münster*
- 11:30 Verbal working memory load reduces phonological, but not semantic planning scope in sentence production**
Jana Klaus, Andreas Mädebach, Frank Oppermann & Jörg D. Jescheniak
University of Leipzig
- 11:45 Evidence for an early vs. late generation of German word order**
Sandra Pappert¹, Thomas Pechmann² & Michael Baumann²
¹*Fakultät für Linguistik und Literaturwissenschaft, Universität Bielefeld*; ²*Institut für Linguistik, Universität Leipzig*

Posters, Monday, 15:00 - 17:00

Emotion and Motivation

- M-1 **Tying Fremdschämen and Embarrassment Together: Behavioral, Cognitive and Physiological Links Explained Through a Two-Process Model.**
Paul A. Löblich
Julius-Maximilians-Universität Würzburg
- M-2 **Der FaceReader als Instrument der Emotionsmessung?**
Stefanie Bosse, Maximilian Horn & Michael Haiduk
Department of Research Methods and Biopsychology, Institute for Psychology, Technische Universität Braunschweig
- M-3 **How Boredom Impedes Creative Performance**
Julia S. Haager¹, Christof Kuhbandner¹, Felix Schönbrodt² & Reinhard Pekrun²
¹Department of Psychology, University of Regensburg; ²Department of Psychology, University of Munich
- M-4 **Wired for cooperation? Brain electrical resting-state connectivity encodes stable preference for social outcomes in humans**
Anja Kassecker¹, Tim Hahn², Karolien H. Notebaert³, Christine Anderl¹, Vanessa Teckentrup¹ & Sabine Windmann¹
¹Johann Wolfgang Goethe University, Department of Cognitive Psychology II; ²Johann Wolfgang Goethe Universität, Abteilung für Allgemeine Psychologie; ³Katholieke Universiteit Leuven, Research Center of Marketing and Consumer Science; Johann Wolfgang Goethe University, Department of Cognitive Psychology II
- M-5 **Emotion regulation is differentially affected by stress-induced cortisol increases**
Valerie L. Kinner, Serkan Het & Oliver T. Wolf
Department of Cognitive Psychology, Institute of Cognitive Neuroscience, Ruhr-University Bochum
- M-6 **Attentional effects of emotional faces in different spatial frequencies**
Oliver Langner
Friedrich Schiller University Jena
- M-7 **Pupil dilation as a response to auditory affective stimuli**
Sarah E. Lukas, Gabriel Yuras & Anke Huckauf
General Psychology, Ulm University
- M-8 **Do you like what you see? Combining facial electromyography and eyetracking to indicate the affective quality of stimulus elements**
Johannes Meixner, André Weinreich, Valentin Umbach & Christina Matern
Humboldt-Universität zu Berlin
- M-9 **Schlau durch Blau, ruhig durch Pink? Haben Farben einen Einfluss auf die kognitive Leistungsfähigkeit und Emotionen?**
Daniela Stelzmann, Christoph von Castell, Heiko Hecht & Daniel Oberfeld
Psychologisches Institut, Abteilung Allgemeine Experimentelle Psychologie, Johannes Gutenberg-Universität Mainz

- M-10 How to trust a perfect stranger: Predicting initial trust behavior from resting-state brain-electrical connectivity**
 Vanessa Teckentrup¹, Tim Hahn¹, Karolien H. Notebaert², Christine Anderl¹, Anja Kaßbecker¹ & Sabine Windmann¹
¹Johann Wolfgang Goethe Universität, Abteilung für Allgemeine Psychologie; ²Katholieke Universiteit Leuven, Research Center of Marketing and Consumer Science; Johann Wolfgang Goethe Universität, Abteilung für Allgemeine Psychologie
- M-11 Emotionale Wirkung von Farbe**
 Lisa Wilms & Daniel Oberfeld
 Allgemeine Experimentelle Psychologie, Psychologisches Institut, Johannes Gutenberg-Universität Mainz
- M-12 The Good, the Bad and the Leaders – Who makes it to the Top and Why**
 Nils R. Winter¹, Tim Hahn², Karolien H. Notebaert³, Christine Anderl¹ & Sabine Windmann¹
¹Johann Wolfgang Goethe University, Department of Cognitive Psychology II; ²Johann Wolfgang Goethe, Abteilung für Allgemeine Psychologie; ³Katholieke Universiteit Leuven, Research Center of Marketing and Consumer Science; Johann Wolfgang Goethe University, Department of Cognitive Psychology II

Working memory

- M-13 Encoding of faces and objects into visual working memory: an event-related brain potential study**
 Stefan Berti, Malte Persike & Bozana Meinhardt-Injac
 Department of Clinical Psychology and Neuropsychology, Institute of Psychology, Johannes Gutenberg-University Mainz
- M-14 The relation between proactive interference in working memory and selective attentional control**
 Jovita Bruening, Antje Kraft, Stefanie Kehrer, Stephan A. Brandt & Kerstin Irlbacher
 Department of Neurology, Universitätsmedizin Charité Berlin
- M-15 Working memory for action: Evidence for using motor representations in encoding visuo-spatial stimulus sequences**
 Robert Langner¹, Melanie A. Sternkopf², Tanja S. Kellermann², Christian Grefkes³, Florian Kurth⁴, Frank Schneider², Karl Zilles⁵ & Simon B. Eickhoff¹
¹Institute of Clinical Neuroscience und Medical Psychology, Heinrich Heine University Düsseldorf; ²Dept. of Psychiatry, Psychotherapy and Psychosomatics, RWTH Aachen University; ³Dept. of Neurology, University of Cologne; ⁴Dept. of Psychiatry, University of California Los Angeles; ⁵Institute of Neuroscience and Medicine, Research Centre Jülich
- M-16 Location dependent spatial recall of familiar places**
 Wolfgang G. Röhrich, Julia Mayer & Hanspeter A. Mallot
 Cognitive Neuroscience, Department of Biology, University of Tübingen
- M-17 How spatial is the Corsi block tapping task? Comparison of pictorial and navigational versions**
 Andrea Röser, Dörte Kuhrt, Gregor Hardiess & Hanspeter A. Mallot
 Cognitive Neuroscience, Department of Biology, University of Tübingen
- M-18 Dual- vs. single-task working memory training: an fMRI study**
 Tiina Salminen¹, Simone Kühn² & Torsten Schubert³
¹Department Psychologie, Ludwig-Maximilians-Universität München; Institut für Psychologie, Humboldt-Universität zu Berlin; ²Max-Planck-Institut für Bildungsforschung; ³Institut für Psychologie, Humboldt-Universität zu Berlin

Posters, Monday, 15:00 - 17:00

- M-19 **The influence of target-distracter similarity on visual working-memory performance and the ability to filter out irrelevant information**
Tina Schwarzkopp & Kerstin Jost
RWTH Aachen University, Institute of Psychology

Development and Aging

- M-20 **Retinocentric and allocentric processes in multiple object tracking in children**
Alisa Brockhoff, Frank Papenmeier, Kerstin Wolf, Tilmann J. Pfeiffer, Georg Jahn & Markus Huff
University of Tuebingen, Cognitive Psychology
- M-21 **Age-related performance differences in multitasking: Evidence from the task switching and the PRP paradigm**
Patricia Cichecki¹, Tina Schwarzkopp¹, Mathieu Declerck¹, Stefanie Reese² & Iring Koch¹
¹Department of Cognitive and Experimental Psychology, Institute of Psychology, RWTH Aachen University;
²Institute of Applied Mechanics, RWTH Aachen University
- M-22 **What aspects of early mathematical abilities are resistant against socioeconomical influence?**
Sonja M. Hansen¹, Hilde Haider¹, Robert Gaschler² & Claudia Godau³
¹University of Cologne, Department of Psychology; ²University Koblenz-Landau, Fachbereich Psychologie;
³Humboldt-University Berlin, Exzellenzcluster Bild Wissen Gestaltung
- M-23 **Motor Imagery and Mental Training among Older Adults**
Michael Kalicinski¹, Monika Thomas², Matthias Kempe³ & Babett H. Lobinger¹
¹Institute of Psychology, German Sport University Cologne; ²Institute of Physiology and Anatomy, German Sport University Cologne; ³Institute of Cognitive and Team/Racket Sport Research, German Sport University Cologne
- M-24 **Children's Emotion Recognition in Human Voice and Face. A Developmental Study**
Lisa K. Kuhn & Taeko Wydell
Brunel University London
- M-25 **Executive functions in children with motor coordination impairments**
Sabine Molitor, Eva Michel & Wolfgang Schneider
Lehrstuhl für Pädagogische Psychologie, Universität Würzburg
- M-26 **Differential Adult Development of Familiarity in Face Memory**
Sven Obermeyer
Goethe Universität Frankfurt
- M-27 **„Weil ich gerne Fußball spiele“: Wie Erstklässler die Auswahl von Nachrichtenthemen begründen und wie reliabel ihre Wahl dabei ist**
Petra Sandhagen & Sarah Trampnau
Institut für Psychologie, Universität Hildesheim
- M-28 **Me or Merkel? Exploring different levels of face familiarity**
Andreas Schaich
Entwicklungspsychologie, Universität Frankfurt

Visual perception: Faces, Shapes, Objects

- M-30 Individual differences in the activation of mental representations of famous faces by lookalikes: an ERP study**
 Albert End¹, Stefan R. Schweinberger² & Jürgen M. Kaufmann²
¹Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf; DFG Research Unit Person Perception, Friedrich Schiller University of Jena; ²DFG Research Unit Person Perception, Friedrich Schiller University of Jena; Department of General Psychology and Cognitive Neuroscience, Friedrich Schiller University of Jena
- M-31 The face sensitive N250r ERP component is associated with perceived (rather than physical) facial identity**
 Stella J. Faerber¹, Jürgen M. Kaufmann² & Stefan R. Schweinberger²
¹Person Perception Research Unit, Friedrich-Schiller-University of Jena; ²Person Perception Research Unit, Friedrich-Schiller-University of Jena; Department of General Psychology, Friedrich-Schiller-University of Jena
- M-32 Surface reflectance dominates shape information for face matching and recognition**
 Marlena L. Itz¹, Stefanie Luttmann¹, Stefan R. Schweinberger² & Jürgen M. Kaufmann²
¹Department of General Psychology and Cognitive Neuroscience, Friedrich-Schiller-University of Jena; ²Department of General Psychology and Cognitive Neuroscience; Person Perception Research Unit, Friedrich-Schiller-University of Jena
- M-33 Individual differences in effects of caricaturing featural vs. configural information: An ERP study**
 Jürgen M. Kaufmann¹, Claudia Schulz² & Stefan R. Schweinberger¹
¹Person Perception Research Unit, Friedrich Schiller University Jena; ²Person Perception Research Unit, Friedrich Schiller University Jena & Institute of Medical Psychology and Systems Neuroscience, University of Münster
- M-34 Demonstrating the adaptation of representations of crabs and lobsters**
 Antonia Reindl¹, Tilo Strobach¹, Carola Becker², Robert Gaschler³, Gerhard Scholtz² & Torsten Schubert¹
¹Department of Psychology, Humboldt University Berlin; ²Department of Biology, Humboldt University Berlin; ³Department of Psychology, University Koblenz-Landau
- M-35 Visible persistence of transient shapes suggests amodal filling-in**
 Kathrin Thaler & Maximilian Bruchmann
 Institut für Biomagnetismus und Biosignalanalyse, Universitätsklinikum Münster
- M-36 The time course of the covert processing of facial identity and expression: effects on attention**
 Weina Zhu¹, Jan Drewes², Yue Li³, Xiaoxuan Du³ & Fang Yang³
¹School of Information Science, Yunnan University; Department of Psychology, Giessen University; Center for Mind/Brain Sciences, Trento University; Kunming Institute of Zoology, Chinese Acad. of Science; ²Center for Mind/Brain Sciences, Trento University; ³School of Information Science, Yunnan University

Motor control

- M-38 Effects of colored lights on dual-task performance**
Tamara Becker, Diana Henz & Wolfgang I. Schöllhorn
Department of Training and Movement Science, Johannes Gutenberg University Mainz
- M-39 Right inferior frontal junction and right anterior insula form the core network for inhibitory control – evidence from an ALE meta-analysis**
Edna C. Cieslik¹, Veronika Müller¹, Claudia Rottschy², Robert Langner¹ & Simon B. Eickhoff¹
¹Institut für Klinische Neurowissenschaften und Medizinische Psychologie, HHU Düsseldorf; ²Klinik für Psychiatrie, Psychotherapie und Psychosomatik, Universitätsklinikum Aachen
- M-40 Interaktion basierend auf Folgebewegungen des Auges**
Dietlind H. Cymek¹, Antje Venjakob², Stefan Ruff² & Matthias Rötting²
¹Technische Universität Berlin, Institut für Psychologie und Arbeitswissenschaften, Fachgebiet Kognitionspsychologie u. Kognitive Ergonomie; ²Technische Universität Berlin, Institut für Psychologie und Arbeitswissenschaften, Fachgebiet Mensch-Maschine-Systeme
- M-41 Effects of complexity of postural control affordances on attentional performance and heart rate variability**
Frederik Enders, Diana Henz & Wolfgang I. Schöllhorn
Department of Training and Movement Science, Institute of Sport Science, Johannes Gutenberg University Mainz
- M-42 Hard to set, hard to forget: Exploring continuous goal dynamics with mouse tracking and computational modelling**
Simon Frisch, Maja Dshemuchadse, Thomas Goschke & Stefan Scherbaum
Department of General Psychology, Technische Universität Dresden
- M-43 Why does extrinsic motivation enhance adaptation to a visuomotor rotation?**
Kathrin Gajda, Sandra Sülzenbrück & Herbert Heuer
Leibniz Research Centre for Working Environment and Human Factors
- M-45 Effects of a single mirror training on intermanual transfer learning and EEG μ -rhythm activity**
Veronika Kapser¹, Emily Weber² & Michael Doppelmayr¹
¹Department of Sportpsychology, Johannes Gutenberg University; ²Department of Psychology, Paris-Lodron University
- M-46 Executive functions and their relation to regularization in the serial reaction time task**
Markus Martini, Philipp Rosar, Marco R. Furtner & Pierre Sachse
Department of Psychology, University of Innsbruck
- M-47 Zwei Arten von Interferenzen bei räumlichen Perspektivenwechseln**
Kim Puls & Mark May
Arbeitsbereich Raum- und Umweltkognition, Fakultät für Geistes- und Sozialwissenschaften, Helmut-Schmidt-Universität Hamburg
- M-48 Influence of spatial workspace characteristics on sensorimotor learning**
Pia Weber, Jens A. Tiggelbeck, Jochen Müsseler & Lei Wang
Work and cognitive psychology, RWTH Aachen

Attention

-
- M-49 **The role of global properties in the recognition of natural scenes with increasing Time-on-Task**
 Arpad Csatho¹, Dimitri van der Linden² & Boroka Gacs¹
¹University of Pecs; ²Erasmus University Rotterdam
- M-50 **Filmic ellipses influence perceived duration of movie shots**
 Bärbel Garsoffky & Stephan Schwan
 IWM-KMRC Leibniz-Institut für Wissensmedien Knowledge Media Research Center
- M-51 **Reduction of the Attentional Blink Through Training: Increased Processing Capacities?**
 Vincent Grimmel¹, Dominik Janetzko¹ & Martin Brandt²
¹University of Mannheim; ²Psychology III - Cognition & Individual Differences; University of Mannheim
- M-52 **Automatic processing of relational information in sequential priming tasks**
 Niclas Heider, Adriaan Spruyt & Jan De Houwer
 Ghent University, Learning and Implicit Processes, Lab Department of Experimental Clinical and Health Psychology
- M-53 **I do not need to think about you! Co-representation during cognitive load in the social Simon task**
 Jasmin Hennrichs, Nadine Nett, Tara Partetzke, Johannes Stricker & Marco van Haag
 University Trier
- M-54 **On the relationship between visual working memory and attention: New insides from the memory-based global effect**
 Arvid Herwig & Werner X. Schneider
 Bielefeld University, Department of Psychology & CITEC
- M-55 **The importance of being attended: Internal attention and the maintenance of information in visual working memory**
 Anna Heuer & Anna Schubö
 Faculty of Psychology, Philipps-University Marburg
- M-56 **Why does visual search not always benefit from repetition?**
 Margit Höfler¹, Iain D. Gilchrist², Magdalena Krieger¹, Anja Ischebeck¹ & Christof Körner¹
¹Department of Psychology, University of Graz; ²School of Experimental Psychology, University of Bristol
- M-57 **Reduced attentional competition between objects that follow real-world regularities**
 Daniel Kaiser, Timo Stein & Marius V. Peelen
 Center for Mind/Brain Sciences, University of Trento
- M-58 **The SNARC Effect in Chinese Characters and Hand Symbols**
 Karl K. Kopiske¹, Owino Eloka¹, Christian Floß-Löwenkamp¹, Chung-Shan Kao¹, Florian Schiller², Chaohua Wu³, Xiaorong Gao³ & Volker H. Franz¹
¹General Psychology, University of Hamburg; ²General Psychology, JLU Gießen; ³Institute of Neural Engineering, School of Medicine, Tsinghua University
- M-59 **Distracter-induced blindness in letter sequences**
 Lars Michael
 Medical School Hamburg
- M-60 **Spatial attention is unaffected by the emotionality of irrelevant facial expressions**
 Swantje Puls, Oliver Langner & Klaus Rothermund
 Friedrich-Schiller-University Jena

Posters, Monday, 15:00 - 17:00

- M-61 **Die Zeit und die Flanker: Eine Geschichte zum Verweilen**
Bettina Rolke, Freya Festl, Elisabeth Hein & Verena C. Seibold
Evolutionary Cognition, Department of Psychology, University of Tübingen
- M-62 **The adaptive regulation of mind-wandering behavior**
Jan Rummel¹ & C. Dennis Boywitt²
¹Department of Psychology, Heidelberg University; ²Department of Psychology, University of Mannheim
- M-63 **Curve tracing: too slow for response priming**
Filipp Schmidt, Thomas Schmidt & Peter Kohl
University of Kaiserslautern
- M-64 **The influence of instructions on attentional processing**
Helen Tibboel, Baptist Liefoghe & Jan De Houwer
Department of Experimental Clinical and Health Psychology, Ghent University
- M-65 **Effects of anxiety on decision making and visual search behavior in complex sport situations**
Christian Vater¹ & Mark Williams²
¹Institut für Sportwissenschaft, Universität Bern; ²School of Sport and Education, Brunel University London

Talks, Monday, 17:00 - 18:30

Symposium

Current Topics on Action Observation

AI		Angelika Lingnau
17:00	Decoding grasping and pointing actions from brain oscillations: investigating the temporal dynamics of the Action Observation Network Raffaele Tucciarelli, Luca Turella, Nathan Weisz & Angelika Lingnau <i>Center for Mind/Brain Sciences (CIMEC), University of Trento</i>	
17:15	Decoding action concepts at different levels of abstraction – an fMRI MVPA study Moritz F. Wurm & Angelika Lingnau <i>Center for Mind/Brain Sciences (CIMEC), University of Trento</i>	
17:30	Functional equivalence of action simulation and action execution: How effectors are represented? Britta Krüger ¹ , Sebastian Pilgramm ² , Tim Naumann ³ , Matthias Bischoff ⁴ , Karen Zentgraf ⁴ & Jörn Munzert ³ <i>¹Institute for Sports Science, Justus Liebig University Giessen; Bender Institute of Neuroimaging, Justus Liebig University Giessen; ²Bender Institute of Neuroimaging, Justus Liebig University Giessen; ³Institute for Sports Science, Justus Liebig University Giessen; ⁴Institute for Sports Science, University of Muenster</i>	
17:45	Anticipating action effects recruits audiovisual motor representations Matthias Bischoff ¹ , Karen Zentgraf ¹ , Britta Krüger ² , Sebastian Pilgramm ² , Rudolf Stark ³ & Jörn Munzert ² <i>¹Institute of Sport and Exercise Sciences, University of Münster; ²Institute for Sports Science, Justus-Liebig University Giessen; ³Bender Institute of Neuroimaging, Justus-Liebig University Giessen</i>	
18:00	Action prediction without perceptual cues: Evidence from motor imagery of joint action Cordula Vesper <i>Department of Cognitive Science, Central European University Budapest</i>	

Talk session

Congruency effects

A2		Lorenza S. Colzato
17:00	Eating to stop: Tyrosine supplementation enhances inhibitory control but not response execution Lorenza S. Colzato & Bernhard Hommel <i>Cognitive Psychology Unit & Leiden Institute for Brain and Cognition, Leiden University</i>	
17:15	Effects of practice and mental fatigue in a simon task – an EEG study Tina Möckel ¹ , Christian Beste ² & Edmund Wascher ¹ <i>¹Leibniz Research Centre for Working Environment and Human Factors Dortmund; ²Department of Child and Adolescent Psychiatry and Psychotherapy Dresden</i>	
17:30	Spatial congruency and left-right orientation Christina Bermeitinger <i>Institute for Psychology, University of Hildesheim</i>	

Talks, Monday, 17:00 - 18:30

- 17:45 **Disentangling word reading processes of incongruent and congruent stimuli in the classical Stroop task**
Kerstin Dittrich, Christine Alle & Karl C. Klauer
Albert-Ludwigs-Universität Freiburg
- 18:00 **Two Sequences, One Code: How interference in implicit learning can be overcome by changes in action coding**
Katharina Eberhardt
University of Cologne
- 18:15 **Attentional adjustment to response conflict under conditions of controlled low- and high-level feature priming and distractor-response contingencies**
Mike Wendt, Aquiles Luna-Rodriguez & Thomas Jacobsen
Experimental Psychology Unit, Helmut-Schmidt-University/University of the Federal Armed Forces Hamburg

Symposium

Improving cognitive functions across the adult lifespan: Effects of physical and cognitive interventions

-
- A3** Julia Karbach & Tilo Strobach
- 17:00 **Does working memory training have to be adaptive?**
Claudia C. von Bastian & Anne Eschen
Department of Psychology, University of Zurich
- 17:15 **Working memory training effects on brain response and untrained cognitive tasks in aging**
Stephan Heinzel¹, Robert C. Lorenz², Wolf R. Brockhaus², Andreas Heinz², Norbert Kathmann¹ & Michael A. Rapp³
¹Department of Psychology, Humboldt-Universität zu Berlin; ²Department of Psychiatry and Psychotherapy, Charité – Universitätsmedizin Berlin; ³Social and Preventive Medicine, University of Potsdam
- 17:30 **Working-memory training in younger and older adults: Training and transfer effects on executive control**
Tilo Strobach¹, Tiina Salminen¹, Petra Redel², Kathrin Finke³ & Torsten Schubert¹
¹Humboldt University Berlin; ²Ludwig-Maximilians-University Munich; ³Bielefeld University
- 17:45 **Effects of physical and cognitive training on executive functioning in older adults: An ERP study**
Kristina Küper, Patrick Gajewski, Claudia Friege & Michael Falkenstein
Leibniz Research Centre for Working Environment and Human Factors
- 18:00 **Effects of motor-cognitive coordination training and endurance training on cognitive functions**
Julia Karbach & Stephanie Kersten
Saarland University
- 18:15 **Effects of strength and endurance training programs on cognitive function in older men**
Sabine Eichberg & Wiebren Zijlstra
Deutsche Sporthochschule Köln

Symposium

Decision Neuroscience

A4

Peter N.C. Mohr

- 17:00 Prosocial Commitment Increases Generous Behavior**
Soyoung Q. Park, Thorsten Kahnt, Azade Seid-Fatemi, Ernst Fehr & Philippe Tobler
University of Zurich
- 17:15 Emotional prosody processing in Behavior and Brain Function: Insights from Autism Spectrum Disorder**
Gabriela Rosenblau¹, Dorit Kliemann², Isabel Dziobek³ & Hauke R. Heekeren⁴
¹Cluster of Excellence 'Languages of Emotion', Freie Universität Berlin; Department of Education and Psychology, Freie Universität Berlin; Yale Child Study Center; ²Cluster of Excellence 'Languages of Emotion', Freie Universität Berlin; Department of Education and Psychology, Freie Universität Berlin; ³Cluster of Excellence 'Languages of Emotion', Freie Universität Berlin; ⁴Department of Education and Psychology, Freie Universität Berlin; Dahlem Institute for Neuroimaging of Emotion, Freie Universität Berlin
- 17:30 Does making decisions in a foreign language abolish cognitive biases?**
Yulia Oganian¹, Christoph W. Korn² & Hauke R. Heekeren³
¹Department of Psychology, Freie Universität Berlin, Bernstein Center for Computational Neuroscience ; ²Freie Universität Berlin; Zurich University Hospital for Psychiatry; ³Department of Psychology, Freie Universität Berlin
- 17:45 Aberrant Social Feedback Processing in Borderline Personality Disorder**
Christoph W. Korn¹, Lioba La Rosée², Stefan Roepke³ & Hauke R. Heekeren⁴
¹Comparative Emotion Group, Zurich University Hospital for Psychiatry; ²Department of Education and Psychology, Freie Universität Berlin; Neuro-Cognitive Psychology Department, Ludwigs-Maximilians Universität München; ³Department of Psychiatry, Charité-Universitätsmedizin Berlin; ⁴Department of Education and Psychology, Freie Universität Berlin
- 18:00 Neural Basis of Underdiversification in Portfolio Decisions**
Peter N. C. Mohr
Information Processing and Economic Decision Making, Department of Psychology, Universität Konstanz

Talk session

Visual perception of material properties

A5

Roland Fleming

- 17:00 Elaborated event segmentation yields the same event boundaries as natural event segmentation**
Katharina Mura¹, Nils Petersen², Markus Huff³, Jędrzej Pelka¹ & Tandra Ghose¹
¹Faculty of Social Sciences, University of Kaiserslautern; ²Deutsches Forschungszentrum für Künstliche Intelligenz Kaiserslautern; ³Department of Psychology, University of Tübingen
- 17:15 Visually disentangling shading and surface pigmentation when the two are correlated**
Roland W. Fleming & Steven A. Cholewiak
Experimental Psychology University of Giessen
- 17:30 Visual perception of shape from a generative model perspective**
Patrick Spröte & Roland W. Fleming
Justus-Liebig-Universität Giessen, Abteilung für Experimentelle Psychologie
- 17:45 Perceptual regions of interest for 3D shape derived from shading and texture flows**
Steven A. Cholewiak¹, Benjamin Kunsberg², Steven W. Zucker² & Roland W. Fleming¹
¹Department of Experimental Psychology, University of Giessen; ²Department of Applied Mathematics, Yale University

Talks, Monday, 17:00 - 18:30

- 18:00 **Predicting lightness judgments from image statistics of matte and glossy virtual objects**
Matteo Toscani
University of Giessen

Symposium

Fahrverhalten an Kreuzungen – Kognitive Grundlagen und Unterstützungs-Konzepte

B9

Martin Baumann & Frederik Naujoks

- 17:00 **Der Aufbau räumlicher Repräsentationen komplexer Verkehrskonfigurationen an urbanen Straßenkreuzungen als Funktion kognitiv-räumlicher Ablenkung während der Annäherungsphase**
Robert Kaul, Firas Lethaus, Uwe Drewitz & Martin Baumann
Institute of Transportation Systems, German Aerospace Center (DLR)
- 17:15 **Kognitiver Abruf komplexer räumlich-situativer Verkehrsinformationen im Kontext urbaner Straßenkreuzungen**
Firas Lethaus, Robert Kaul, Uwe Drewitz & Martin Baumann
Institute of Transportation Systems, German Aerospace Center (DLR)
- 17:30 **Jüngere und ältere Autofahrer beim Abbiegen an Kreuzungen: sicherheitskritische Unterschiede in der Aufmerksamkeit?**
Gert Weller¹, Bernhard Schlag¹, Petra Butterwegge² & Tina Gehlert²
¹Technische Universität Dresden, Professur für Verkehrspsychologie; ²Unfallforschung der Versicherer im Gesamtverband der Deutschen Versicherungswirtschaft e. V.
- 17:45 **Situative Faktoren in der Entstehung von Kreuzungskonflikten und Wirksamkeit einer frühzeitigen Fahrerunterstützung**
Frederik Naujoks & Alexandra Neukum
Centre for Traffic Sciences (IZVW), University of Würzburg
- 18:00 **Frühzeitige Fahrerunterstützung bei zeitkritischen urbanen Verkehrskonflikten – ist eine rein visuelle Fahrerinformation ausreichend?**
Lorenz Kolb¹, Frederik Naujoks² & Alexandra Neukum²
¹Würzburger Institut für Verkehrswissenschaften (WIVW); ²Centre for Traffic Sciences (IZVW), University of Würzburg
- 18:15 **Fahrer- und Blickverhalten bei fehlerhaften Richtungsanzeigen frühzeitiger Fahrerinformationen über bevorstehende Verkehrskonflikte an Kreuzungen**
Daniel Schöttl¹, Frederik Naujoks² & Alexandra Neukum³
¹Würzburger Institut für Verkehrswissenschaften (WIVW); ²Centre for Traffic Sciences (IZVW), University of Würzburg

Symposium

Data-Blitz

E104

Anne Gast & Jan Rummel

- 17:00 **Several researchers will present their research in a short and entertaining manner. Every presenter has five minutes and is allowed to use up to four slides.**

Talk session

Learning

E6

Gabriele Janzen

- 17:00 Social Learning in Categorization**
Marin Puskaric, Bettina von Helversen & Jörg Rieskamp
University of Basel
- 17:15 Processing Fluency Contributes to the Relatedness Effect on Judgments of Learning**
Monika Undorf & Edgar Erdfelder
School of Social Sciences, University of Mannheim
- 17:30 Learning to reverse - Reversal learning transfers to novel stimuli**
Robert Gaschler¹, André Weinreich², Johannes Meixner², Sybille Pape², Christine Stelzel³, Henrik Walter³ & Torsten Schubert²
¹Universität Koblenz-Landau; ²Humboldt-Universität Berlin; ³Charité Berlin
- 17:45 Learning rules in judgment: Comparing the delta-learning rule with linear regression models**
Janina A. Hoffmann, Bettina von Helversen & Jörg Rieskamp
University of Basel
- 18:00 Effects of executive functioning on adult place learning: A training study**
Gabriele Janzen, Cansu Oranc & Janneke van Ekert
Behavioural Science Institute, Donders Institute for Brain, Cognition and Behaviour, Radboud University Nijmegen

Language

F5

Andrea M. Philipp

- 17:00 **Assessing a bilingual advantage in a multilanguage context - a Swiss study**
Carla De Simoni & Miriam Gade
Institute of Psychology, General Psychology, Cognition, University of Zurich
- 17:15 **Lexical selection is not the end! The role of 'late' processes in bilingual language switching**
Andrea M. Philipp, Mathieu Declerck & Iring Koch
Institute of Psychology, RWTH Aachen University
- 17:30 **Semantic context effect: due to semantics or visual input? Evidence from a memory-based monolingual and bilingual semantic blocking task**
Mathieu Declerck, Denise N. Stephan, Iring Koch & Andrea M. Philipp
RWTH Aachen University
- 17:45 **Overt production of emotional words: an ERP study**
Lana Rohr & Rasha Abdel Rahman
Humboldt-Universität zu Berlin
- 18:00 **Desynchronization of oscillatory brain activity reflect semantic and phonological processing in a language task**
Frank Oppermann¹, Aneta Kielar², Lilia Panamsky² & Jed Meltzer²
¹Donders Institute for Brain, Cognition and Behaviour, Radboud University Nijmegen; ²Rotman Research Institute, Baycrest Hospital Toronto
- 18:15 **Prosody perception in the laryngeal premotor cortex: fMRI and TMS evidence**
Daniela Sammler¹, Marie-Hélène Grosbras², Patricia E. G. Bestelmeyer³ & Pascal Belin⁴
¹Otto Hahn Group "Neural Bases of Intonation in Speech", Max Planck Institute for Human Cognitive and Brain Sciences Leipzig; Institute of Neuroscience and Psychology, University of Glasgow; ²Institute of Neuroscience and Psychology, University of Glasgow; ³School of Psychology, Bangor University; ⁴Institute of Neuroscience and Psychology, University of Glasgow, BRAMS, University of Montréal and McGill University, Institut des Neurosciences de La Timone, CNRS and Université Aix-Marseille

Talks, Tuesday, 08:30 - 10:00

Symposium

Cognitive and Neurocognitive Approaches in Sport Psychology and Movement Sciences

A1

Michael Doppelmayr

- 08:30 Motor Imagery - Reconstructing the content of imagery from brain activity within the premotor and the posterior parietal cortex**
Sebastian Pilgramm¹, Benjamin de Haas², Fabian Helm³, Jörn Munzert³ & Britta Krüger⁴
¹Bender Institute of Neuroimaging, Justus Liebig University Giessen; ²Wellcome Trust Centre for Neuroimaging, University College London; ³Institute of Cognitive Neuroscience, University College London; ⁴Department of Cognitive, Perceptual and Brain Sciences, University College London; ⁵Institute for Sports Science, Justus Liebig University Giessen; ⁶Institute for Sports Science, Justus Liebig University Giessen; ⁷Bender Institute of Neuroimaging, Justus Liebig University Giessen
- 08:45 Neuronal correlates of attention during preparation in basketball free-throws**
Christoph Kreinbucher
Department of Sport Psychology, Faculty for Sport and Health Science, TU München
- 09:00 Neuronal correlates of practice in a dart throwing training study**
Emily Weber & Michael Doppelmayr
Paris Lodron Universität Salzburg
- 09:15 Unilateral hand-contractions and their effects on the EEG alpha rhythm**
Fernando Cross-Villasana & Jürgen Beckmann
Technische Universität München
- 09:30 Neurocognitive perspectives on exercise in virtual environments**
Tobias Vogt¹, Rainer Herpers² & Stefan Schneider³
¹Institute of Movement and Neurosciences, German Sport University Cologne; ²Department of Computer Science, Bonn-Rhine-Sieg University of Applied Science; ³Institute of Movement and Neurosciences, German Sport University Cologne; Faculty of Science, Health, Education and Engineering, University of the Sunshine Coast
- 09:45 Does body-rotation facilitate mental rotation?**
Karen Zentgraf¹, Holger Heppel¹, Christiane Bohn¹ & Axel Kohler²
¹University of Münster; ²University of Osnabrück

Talk session

Action & Perception I

A2

Martina Rieger

- 08:30 Symbolic distance effect for actions**
Martina Rieger & Katja Saxl
Institute for Psychology M2, Department for Medical Sciences and Management UMIT, University for Health Sciences, Medical Informatics and Technology Eduard Wallnöfer Hall Tirol
- 08:45 Copying competitors? Interdependency modulates stimulus-based retrieval of observed responses**
Carina Giesen & Klaus Rothermund
Department of General Psychology II, FSU Jena

Talks, Tuesday, 08:30 - 10:00

- 09:00 **Influence of Verbal Instructions on Automatic Acquisition of Action-Effects**
Andreas B. Eder & David Dignath
Institut für Psychologie, Universität Würzburg
- 09:15 **Representing the Hyphen in Action-Effect Associations: Automatic Integration of Time Intervals into Cognitive Action Structures**
David Dignath, Roland Pfister, Andreas B. Eder, Andrea Kiesel & Wilfried Kunde
University Würzburg
- 09:30 **Binding time: Evidence for binding processes between stimulus duration and auditory stimulus-response events**
Johanna Bogon, Roland Thomaschke & Gesine Dreisbach
University of Regensburg
- 09:45 **Manipulations of sensory feedback in tapping tasks affect only central processes of short but not of long intervals: Is there an influence of time perception?**
Andreas Bremer & Gerhard Rinkenauer
Research Group Modern Human-Machine Systems, Leibnitz Research Centre for Working Environments and Human Factors (IfADo), TU Dortmund

Talk session

Attention: Interindividual Differences

-
- | | | |
|-----------|--|-------------------|
| A3 | | Thorsten Albrecht |
|-----------|--|-------------------|
- 08:30 **Individual differences in change blindness**
Katharina Bergmann, Andrea Schankin, Dirk Hagemann & Anna-Lena Schubert
University of Heidelberg
- 08:45 **Do individual differences in cognitive abilities contribute to inattention blindness?**
Carina Kreitz¹, Philip Furley¹, Daniel Memmert¹ & Daniel J. Simons²
¹Institute of Cognitive and Team/Racket Sport Research, German Sport University Cologne ; ²Department of Psychology & Beckman Institute, University of Illinois
- 09:00 **What can factor analysis tell us about individual differences in metacontrast masking?**
Thorsten Albrecht, Mareen Berndt & Uwe Mattler
Department of Experimental Psychology, Georg-August-University Göttingen
- 09:15 **Spatial attention: Differential shifts in pseudoneglect direction with time-on-task and initial bias support the idea of observer subtypes**
Christopher Benwell, Gregor Thut, Gemma Learmonth & Monika Harvey
School of Psychology, University of Glasgow

Symposium

Cognitive Modeling: Applications in Memory, Reasoning, and Decision Making I

A4

David Kellen, Thorsten Pachur & Henrik Singmann

08:30 More similar than you'd think? Perceptuomotor, cognitive and description-based decisions

Andreas Jarvstad¹, Ulrike Hahn², Simon K. Rushton³ & Paul A. Warren⁴

¹University of Bristol; ²Birkbeck, University of London; ³Cardiff University; ⁴The University of Manchester

08:45 The endowment effect from experience: Disentangling learning, evaluation, and response bias accounts

Thorsten Pachur

Center for Adaptive Rationality, Max Planck Institute for Human Development

09:00 Fit Performance and Simulation Performance of Reinforcement-Learning Models for the Iowa Gambling Task

Helen Steingroever, Ruud Wetzels & Eric-Jan Wagenmakers

University of Amsterdam

09:15 Multi-alternative decision by sampling

Takao Noguchi & Neil Stewart

University of Warwick

09:30 A formal model of the memory state heuristic

Marta Castela & Edgar Erdfelder

University of Mannheim

09:45 Architectural models in decision making: modeling cue-based heuristics in ACT-R

Cvetomir M. Dimov¹, Julian N. Marewski¹ & Lael J. Schooler²

¹University of Lausanne; ²Max Planck Institute for Human Development

Symposium

Oculomotor learning and adaptation

A5

David Souto & Alexander C. Schütz

08:30 Visuospatial effects of saccadic adaptation

Eckart Zimmermann

Forschungszentrum Jülich

08:45 Saccadic adaptation following a periodic disturbance of visual feedback

Carlos R. Cassanello, Sven Ohl & Martin Rolfs

Bernstein Center for Computational Neuroscience, Department of Psychology, Humboldt Universität Berlin

09:00 Saccadic adaptation induced by a perceptual task

Alexander C. Schütz¹, Dirk Kerzel² & David Souto³

¹Abteilung Allgemeine Psychologie, Justus-Liebig-University Gießen; ²Faculté de Psychologie et des Sciences de l'Éducation, Université de Genève; ³School of Psychology, University of Leicester

09:15 Gaining voluntary control of smooth pursuit eye movements

David Souto

School of Psychology, University of Leicester

09:30 The role of the cerebellum in saccade and smooth pursuit adaptation as a window into neuronal mechanisms of motor learning

Peter Thier

Department of Cognitive Neurology, Hertie-Institute for Clinical Brain Research, Eberhard-Karls-University of Tübingen

Verkehrspsychologie

B9

Kai Hamburger

- 08:30 **Abstandsverhalten und Time-on-Task Effekt. Was passiert beim manuellen Folgefahren? Eine Simulatorstudie**
Antje Spiertz¹, Lynn Huestegge² & Eva-Maria Skottke³
¹RWTH Aachen University; ²Julius-Maximilians-Universität Würzburg; ³HMKW Köln
- 08:45 **Unfallursachen bei Landstraßenunfällen**
Stefanie Weber¹, Antonio Ernstberger¹, Eckart Donner², Kristin Blum² & Thomas Schenk²
¹Audi Accident Research Unit, Abteilung für Unfallchirurgie, Universitätsklinikum Regensburg; ²AUDI AG
- 09:00 **Unfallentstehung im urbanen Raum – Haben die Aufmerksamkeitsverteilung und das Alter einen Einfluss?**
Juela Kazazi, Susann Winkler & Mark Vollrath
Technische Universität Braunschweig
- 09:15 **Nutzerzentrierte, situationsgerechte Warnkonzepte - Wie warnt man in der Stadt am besten?**
Susann Winkler, Juela Kazazi & Mark Vollrath
Technische Universität Braunschweig
- 09:30 **Route descriptions: Influence of semantic and structural salience**
Florian Röser
Experimental Psychology and Cognitive Science, Justus-Liebig University Giessen
- 09:45 **How to find a shortcut within a city? Mental walk vs. mental model**
Mary O'Malley¹, Heinrich H. Bülhoff² & Tobias Meilinger²
¹Max Planck Institut für biologische Kybernetik Tübingen; Bournemouth University; ²Max Planck Institut für biologische Kybernetik Tübingen

Methods

E104

Franziska Meissner

- 08:30 **Alfred - A library for rapid experiment development**
Christian Treffenstädt & Paul Wiemann
Georg-August-University of Göttingen
- 08:45 **Using JavaScript to detect cheating in online tests**
Birk Diedenhofen & Jochen Musch
University of Duesseldorf
- 09:00 **Maintainers and Dropouts of an Internet-based Questionnaire**
Simone Quantmeyer de Polack
Universität Bonn
- 09:15 **Words vs. Pictures: Stimulus Modality and the Probability of Task Recoding in the Implicit Association Test**
Franziska Meissner
Allgemeine Psychologie II, Friedrich-Schiller-Universität Jena

Talk session

Working memory

E6

Christoph Bledowski

08:30 When Flanker meets the n-back task: pupil dilation and EEG correlates for load on executive working memory functions

Christian Scharinger & Peter Gerjets

Leibniz-Institut für Wissensmedien Tübingen

08:45 Reduced filtering efficiency and working-memory performance when switching between filter settings

Kerstin Jost¹ & Ulrich Mayr²

¹Institute of Psychology, RWTH Aachen University ; ²Department of Psychology, University of Oregon at Eugene

09:00 Neural basis of object-based shifting of attention in working memory

Christoph Bledowski¹, Benjamin Rahm², Jochen Kaiser¹ & Benjamin Peters¹

¹Institute of Medical Psychology, Goethe University Frankfurt; ²Medical Psychology and Medical Sociology, Johannes Gutenberg University Mainz

09:15 Multiple Strategies for Spatial Integration

Tobias Meilinger¹ & Katsumi Watanabe²

¹Research Center for Advanced Science and Technology, University of Tokyo, Max Planck Institut für biologische Kybernetik Tübingen; ²Research Center for Advanced Science and Technology, University of Tokyo

09:30 Contextual information in visual working memory is viewpoint-dependent

Markus Huff & Frank Papenmeier

University of Tübingen

09:45 The Capacity and Precision of Emotional Representations

Philipp Spachholz & Christof Kuhbandner

Department of Psychology, University of Regensburg

Social cognition

F5

Andreas Voss

08:30 **Rules and Rebels**

Robert Wirth, Roland Pfister & Wilfried Kunde
Universität Würzburg

08:45 **Of chickens, eggs, and yolk: The electrophysiology of breaking a rule**

Roland Pfister¹, Katharina Schwarz², Robert Wirth¹, Marco Steinhauser³ & Wilfried Kunde¹
¹Julius Maximilians University of Würzburg; ²University Medical Center Hamburg-Eppendorf; ³Catholic University of Eichstätt-Ingolstadt

09:00 **Global memory models or simple heuristics? A model-based examination of the Social Circle Heuristic**

Felix Henninger¹, Benjamin E. Hilbig¹, Martin Brandt² & Pascal J. Kieslich¹
¹Judgment and Decision Making Lab, University of Mannheim; ²Cognition and Individual Differences Lab, University of Mannheim

09:15 **Referential Primacy Effects In Subjective Judgments of Truth**

Sarah C. Rom & Christian Unkelbach
University of Cologne

09:30 **Subjective fluency influences liking**

Michael Forster, Wolfgang Fabi & Helmut Leder
Department of Basic Psychological Research and Research Methods, University of Vienna

09:45 **Reduced Sensitivity for Uncontrollable Dangers: Self-Regulatory Processes in the Perception of Risk Signals**

Andreas Voss & Tanja Kollei
Institute of Psychology, University of Heidelberg

Talks, Tuesday, 10:30 - 12:00

Symposium

Top-down control in conscious and unconscious vision

A1

Ulrich Ansorge

- 10:30 Modelling the role of prime and target strength in response priming**
Thomas Schmidt, Andreas Weber & Filipp Schmidt
Experimental Psychology Unit, University of Kaiserslautern
- 10:45 Task sets modulate unconscious affective priming with pictures and words differentially: Insights in the mechanisms underlying affective priming**
Markus Kiefer¹, Nathalie Liegel¹, Monika Zovko¹ & Dirk Wentura²
¹University of Ulm; ²Saarland University
- 11:00 Modulation of subliminal semantic priming by task sets and subliminal task cues**
Natalie M. Trumpp¹, Carmelina Le Rose¹, Heiko Reuss² & Markus Kiefer¹
¹Department of Psychiatry, University of Ulm; ²Department of Psychology, Julius-Maximilians-University Würzburg
- 11:15 How visible arrow cues enable masked arrow cues to orient attention**
Heiko Reuss, Carsten Pohl, Andrea Kiesel & Wilfried Kunde
Lehrstuhl für Psychologie III, Julius-Maximilians-Universität Würzburg
- 11:30 S-Ketamine Influences Strategic but not Exogenous Inhibition of Return**
Ulrich Ansorge¹, Isabella Fuchs-Leitner¹, Christoph Huber-Huber¹, Anna Höflich² & Rupert Lanzenberger²
¹University of Vienna; ²Medical University of Vienna
- 11:45 How high is the low road? On the role of fear conditioning and consciousness in the dual-stream RSVP task**
Agnieszka Karaś & Christian Kaernbach
Institut für Psychologie, Christian-Albrechts-Universität Kiel

Talk session

Action & Perception 2

A2

Dirk Kerzel

- 10:30 How distractors influence our actions**
Birte Moeller & Christian Frings
Cognitive Psychology Unit, Trier University
- 10:45 More conflict does not trigger more adjustment of cognitive control for subsequent performance: A study of the bivalency effect**
Alodie Rey-Mermet¹ & Beat Meier²
¹Department of Psychology, Cognitive Psychology Unit, University of Zurich; ²Department of Psychology, University of Bern
- 11:00 The influence of habitual grasp orientation on the end-state comfort effect in children**
Bianca Jovanovic & Gudrun Schwarzer
Giessen University

Talks, Tuesday, 10:30 - 12:00

- 11:15 **Sequence effects for grasping in a laboratory versus an everyday like context**
Benjamin Baak¹, Otmar Bock² & Fabian Steinberg³
¹German Sport University Cologne, Institute of Physiology and Anatomy ; ²German Sport University Cologne, Head of the Institute of Physiology and Anatomy ; ³Johannes Gutenberg Universität Mainz, Institut für Sport und Wissenschaft
- 11:30 **The role of visual and motor information of gestures during learning hand-manipulative tasks**
Annika Maurer & Markus Huff
University of Tübingen, Faculty of Science Department of Psychology
- 11:45 **Manual target selection as a function of time**
Dirk Kerzel¹ & Wieske van Zoest²
¹Faculté de Psychologie et des Sciences de l'Education, Université de Genève; ²Faculty of Cognitive Science and Center for Mind/Brain Sciences (CIMEC), University of Trento

Symposium

Cognitive mechanisms contributing to Internet addiction: Experimental investigations

-
- A3** Matthias Brand & Kai Müller
- 10:30 **Attentional bias in excessive users of Multiplayer Online Games: Results of two experimental studies**
Antonia Barke¹, Nele Nyenhis², Franziska Jeromin² & Birgit Kröner-Herwig²
¹Clinical Psychology and Psychotherapy, Institute of Psychology, Georg-August-University Göttingen; ²Clinical Psychology and Psychotherapy, Faculty of Psychology, Philipps-University Marburg; ³Clinical Psychology and Psychotherapy, Institute of Psychology, Georg-August-University Göttingen
- 10:45 **Decision making and Internet addiction: Results from modified Iowa Gambling Tasks**
Matthias Brand, Christian Laier & Elisa Wegmann
General Psychology, Cognition University Duisburg-Essen
- 11:00 **Implicit associations in patients with internet addiction: A pilot study on automatic responses and implicit personality traits**
Kai Müller¹, Matthias Strie², Manfred E. Beutel² & Klaus Wölfling¹
¹University Medical Center Mainz, Outpatient Clinic for Behavioral Addictions; ²University Medical Center Mainz, Department for Psychosomatic Medicine and Psychotherapy
- 11:15 **Development and evaluation of an experimental cue-reactivity paradigm for pathological Internetsex use**
Jan Snagowski¹, Christian Laier¹, Dora Duka² & Matthias Brand³
¹General Psychology: Cognition, University of Duisburg-Essen; ²School of Psychology, University of Sussex; ³General Psychology: Cognition, University of Duisburg-Essen; Erwin L. Hahn Institute for Magnetic Resonance Imaging Essen
- 11:30 **Resisting temptation in behavioral addiction – a neuropsychological assessment of patients with Gambling Disorder and Internet Addiction**
Klaus Wölfling
Ambulanz für Spielsucht, Klinik und Poliklinik für Psychosomatische Medizin und Psychotherapie, Johannes Gutenberg-Universität Mainz

Symposium

Cognitive Modeling: Applications in Memory, Reasoning, and Decision Making 2

A4

David Kellen, Thorsten Pachur & Henrik Singmann

10:30 New Tests for Comparing Continuous and Discrete-State Assumptions in Recognition-Memory Modeling

David Kellen¹ & Karl C. Klauer²

¹Albert-Ludwigs-Universität Freiburg, Max-Planck-Institut für Bildungsforschung; ²Albert-Ludwigs-Universität Freiburg

10:45 Rehearsal in working memory: The White Knight of decay theories?

Stephan Lewandowsky¹ & Klaus Oberauer²

¹University of Bristol; University of Western Australia; ²University of Zurich

11:00 Modeling Visual Working Memory

Klaus Oberauer & Hsuan-Yu Lin

University of Zurich

11:15 A Meta Analysis of Syllogistic Reasoning using Multinomial Processing Tree Models

Marco Ragni¹, Henrik Singmann¹, David Kellen¹, Sangeet Khemlani², Eva-Maria Steinlein¹ & Karl C. Klauer¹

¹Albert-Ludwigs-Universität Freiburg; ²Naval Research Laboratory, Washington

11:30 Comparing Models of Probabilistic Conditional Reasoning: Evidence for an Influence of Logical Form

Henrik Singmann¹, Karl C. Klauer¹ & Sieghard Beller²

¹Albert-Ludwigs-Universität Freiburg; ²University of Bergen

11:45 Discussion

Adele Diederich

Jacobs University

Talk session

Eye movements: Perception

A5

Rebecca M. Foerster

10:30 How spatial frequencies affect eye movements in natural scenes

Anke Cajar¹, Jochen Laubrock¹ & Ralf Engbert²

¹Cognitive Sciences, University of Potsdam; ²Experimental and Biological Psychology, University of Potsdam

10:45 Perceptual grouping and saccadic eye-movements

Tandra Ghose¹, Ricarda Moses¹, Frouke Hermens² & Johan Wagemans³

¹Department of Psychology, University of Kaiserslautern; ²School of Psychology, University of Aberdeen;

³Laboratory of Experimental Psychology, University of Leuven

11:00 Spatial continuity is more important than temporal continuity in learning of transsaccadic associations

Katharina Weiß, Werner X. Schneider & Arvid Herwig

Department of Psychology and Cluster of Excellence, "Cognitive Interaction Technology", Bielefeld University

11:15 Saccades deteriorate visual short term memory for non-target locations

Sven Ohl & Martin Rolfs

Bernstein Center for Computational Neuroscience Berlin, Department of Psychology, Humboldt Universität zu Berlin

Talks, Tuesday, 10:30 - 12:00

- 11:30 **Individual differences in sentence reading and parafoveal priming tasks: Examining letter crowding effects on eye movements and lexical decisions**

Sarah Risse

Allg./Biol. Psychologie, Universität Potsdam

- 11:45 **Evidence for benefits of eye-guidance in the absence of visual information**

Rebecca M. Foerster & Werner X. Schneider

Neuro-cognitive Psychology, Bielefeld University & Cluster of Excellence 'Cognitive Interaction Technology' (CITEC), Bielefeld University

Talk session

Traffic psychology

- | | | |
|-----------|--|----------------|
| B9 | | Tibor Petzoldt |
| 10:30 | On the relationship between time to contact judgments and pedestrians' decisions to cross the road
Tibor Petzoldt
<i>Cognitive & Engineering Psychology, Technische Universität Chemnitz</i> | |
| 10:45 | Drivers' left turn decisions in front of electric bikes and bicycles
Katja Schleinitz ¹ , Tibor Petzoldt ¹ , Tina Gehlert ² , Matthias Kühn ² & Josef F. Krems ¹
<i>¹Cognitive and Engineering Psychology, TU Chemnitz; ²German Insurers Accident Research</i> | |
| 11:00 | Sound of car engine influences subjective rating of collision likelihood
Ulrike Zimmer, Stefan J. Seger, Karl Koschutnig & Anja Ischebeck
<i>Department of Psychology, University of Graz</i> | |
| 11:15 | Taking a field trip – A comparison of train-drivers' perceived workload and gaze behaviour in simulation and real-life operation
Sonja Giesemann
<i>Institut für Verkehrssystemtechnik, Deutsches Zentrum für Luft- und Raumfahrt e. V. (DLR)</i> | |
| 11:30 | Comparison of three driver coaching approaches for electric vehicles
Monika Jagiellowicz, Michael Hanig & Marcus Schmitz
<i>Würzburger Institut für Verkehrswissenschaften</i> | |
| 11:45 | A questionnaire study about comfort inside an aircraft cabin at Hamburg Airport
Julia Bastian
<i>Leuphana Universität Lüneburg, School Innovationsinkubator</i> | |

Talk session

Modeling

- | | | |
|-------------|--|----------------|
| E104 | | Andreas Jansen |
| 10:30 | Test-Retest Reliability of Dynamic Causal Modelling for fMRI data
Andreas Jansen, Stefan Fraessle, Sören Krach, Marlena Steup & Frieder M. Paulus
<i>Section of Brainimaging, Department of Psychiatry and Psychotherapy, University of Marburg</i> | |
| 10:45 | Less can be more - when more restricted parameter models lead to better estimates in diffusion model analysis
Veronika Lerche & Andreas Voss
<i>Psychologisches Institut, Ruprecht-Karls-Universität Heidelberg</i> | |
| 11:00 | Estimation of response speed in the presence of contaminated response times
Matthias Gondan ¹ , Bruno Fimm ² & Giulia Manzini ³
<i>¹Department of Psychology, University of Copenhagen; ²Neuropsychology, University Hospital Aachen; ³Department of General and Visceral Surgery, University Clinic of Ulm</i> | |
| 11:15 | Evaluation of cluster analytic approaches for exploratory model specification
Stella Bollmann
<i>Ludwig Maximilians University München</i> | |
| 11:30 | Self-drawn similarity maps reveal valence asymmetry in the density of naturally sampled concepts
Alex Koch, Hans Alves & Christian Unkelbach
<i>Department of Psychology, University of Cologne</i> | |

Facial Health Perception

E6

Richard Russell

- 10:30 Skin carotenoid colouration – a signal of current health**
Carmen E. Lefevre¹, Milena Dzhelyova², Michael Ewbank³, Andy Calder³, Lars Penke⁴ & David I. Perrett⁵
¹Leeds University Business School; ²University of Louvain; ³Medical Research Council, Cognition and Brain Sciences Unit; ⁴Georg August University Göttingen; ⁵University of St Andrews
- 10:45 Facial coloration and the behavioral immune system**
Benedict Jones¹, Amanda Hahn¹, Claire Fisher¹, Corey Fincher¹, Carmen E. Lefevre², Ross Whitehead³, Michal Kandrik¹, David I. Perrett², Anthony Little⁴ & Craig Roberts⁴
¹Institute of Neuroscience and Psychology, University of Glasgow; ²School of Psychology, University of St Andrews; ³School of Medicine, University of St Andrews; ⁴School of Natural Sciences, University of Stirling
- 11:00 Attractiveness and the Power of Skin Pigments**
David I. Perrett¹, Daniel E. Re², Carmen E. Lefevre³, Dengke Xiao¹, Amanda Hahn⁴, Ross Whitehead¹, Mariana Carrito⁵
¹University of St. Andrews; ²University of Toronto; ³Leeds University Business School; ⁴University of Glasgow; ⁵University of Minho
- 11:15 Facial contrast varies with health and is a cue for health perception**
Richard Russell¹, Jennifer R. Sweda¹, Aurélie Porcheron², Emmanuelle Mauger² & Frédérique Morizot²
¹Department of Psychology, Gettysburg College; ²Recherche et Technologie, CHANEL Paris
- 11:30 New insights on health preferences in non-Western populations**
Vinet Coetzee
Department of Genetics, University of Pretoria

Social psychology

F5

Henning Gibbons

- 10:30 The likes of others: Brain correlates of socially influenced affective judgment**
Robert Schnuerch¹, Sina-Alexa Trautmann-Lengsfeld² & Henning Gibbons¹
¹Department of Psychology, University of Bonn; ²Department of Neurophysiology and Pathophysiology, University Medical Center Hamburg-Eppendorf
- 10:45 Help or hurt, I just want to matter - desire for impact guides post-ostracism behavior**
Hannah M. Schade
Institut für Pädagogische und Entwicklungspsychologie, Humboldt-Universität zu Berlin
- 11:00 When they disrespect, I detach - investigating the role of group-respect**
Larissa A. Nägler, Nicole Harth, Alexander Zelasny, Katharina Vogt & Thomas Kessler
Department of Social Psychology, Friedrich Schiller University Jena
- 11:15 Stereotype Effects in Cross-cultural Cooperation: A multi-national investigation**
Angela Dorrough & Andreas Glöckner
University Göttingen, Max Planck Institute for Research on Collective Goods
- 11:30 The Care Penalty in the German Labor Market**
Christina Botros & Lena Hipp
Wissenschaftszentrum Berlin für Sozialforschung (WZB)

Posters, Tuesday, 15:00 - 17:00

Attention: Physiological basis

- T-1 The effect of 'active' versus 'passive' auditory-motor synchronization on attention allocation: a P300 study.**
Nadine Conradi, Stefan Frisch, Cornelius Abel, Christian Kell, Jochen Kaiser & Maren Schmidt-Kassow
Institute of Medical Psychology, Goethe University
- T-2 Selective processing within the brain: The contribution of temporal, spatial, and feature-based attention**
Freya Festl, Verena C. Seibold & Bettina Rolke
Evolutionary Cognition, Department of Psychology, University of Tübingen
- T-3 EEG correlates of auditory goal-directed behaviour of young and old adults in a dynamic "cocktailparty" scenario**
Stephan Getzmann¹, Jörg Lewald² & Michael Falkenstein¹
¹Leibniz-Institut für Arbeitsforschung; ²Ruhr-Universität Bochum
- T-4 Attentional effects of practising Qigong with and without music: an EEG study**
Diana Henz, Pascal Tänni & Wolfgang Immanuel I. Schöllhorn
Department of Training and Movement Science, Institute of Sport Science, Johannes Gutenberg University Mainz
- T-5 The role of right DLPFC and right IPL in location negative priming: a single pulse TMS study**
Stefanie Kehrner, Antje Kraft, Stefan P. Koch, Norbert Kathmann, Stephan A. Brandt & Kerstin Irlbacher
Charité - Universitätsmedizin Berlin
- T-6 Parametric Assessment of Cognitive Decline in Multiple Sclerosis based on a "Theory of Visual Attention" (TVA)**
Steffen Kluckow¹, Matthias Schwab¹, Sven Rupprecht¹, Christian Gaser¹, Jürgen Reichenbach², Otto W. Witte¹ & Peter Bublak¹
¹Hans-Berger-Klinik für Neurologie, Universitätsklinikum Jena; ²Institut für Diagnostische und Interventionelle Radiologie, Universitätsklinikum Jena
- T-7 Modulation of the bilateral field advantage in visual-short-term-memory by repetitive TMS over the right precuneus**
Antje Kraft¹, Mads Dyrholm², Stefanie Kehrner¹, Christian Kaufmann³, Jovita Bruening¹, Kerstin Irlbacher¹, Norbert Kathmann³ & Stephan A Brandt¹
¹Department of Neurology, Charité Universitätsmedizin Berlin; ²Center of Visual Cognition, Department of Psychology, University of Copenhagen; ³Clinical Psychology, Department of Psychology, Humboldt Universität zu Berlin
- T-8 Interindividual differences in cognitive flexibility: Influence of gray-matter volume, functional connectivity and trait impulsivity**
Veronika I. Müller¹, Robert Langner¹, Edna C. Cieslik¹, Claudia Rottschy² & Simon B. Eickhoff¹
¹Institute of Clinical Neuroscience and Medical Psychology, Heinrich Heine University Düsseldorf; ²Klinik für Psychiatrie, Psychotherapie und Psychosomatik, Universitätsklinikum Aachen

- T-9 Hemodynamic Influences on Automatic and Controlled Processes – Effects of Body position on Distractor-Response Binding and Negative Priming**
Lisa Pramme¹, Hartmut Schächinger² & Christian Frings¹
¹Department of Cognitive Psychology, University of Trier; ²Department of Clinical Psychophysiology, University of Trier
- T-10 Time course of spatial attentional shifts within and across visual hemifields**
Cliodhna Quigley, Anna J. Fett & Stefan Treue
Cognitive Neuroscience Laboratory, German Primate Center
- T-11 The assessment of hemispheric dominance for visuospatial attention: How robust are fMRI results in single subjects?**
Verena Schuster, Peer Herholz, Stefan Frässle & Andreas Jansen
Section of Brainimaging, Department of Psychiatry, University of Marburg
- T-12 Das Steady-state visuell evozierte Potenzial (SSVEP) im human Elektroenzephalogramm: Aktivität aus weit verteilten kortikalen Objektrepräsentationen**
Theresa Slump
Allgemeine Psychologie I, Universität Osnabrück

Applied psychology

- T-13 The CSI-Effect: Crime Scene Instructions?**
Andreas M. Baranowski, Elisabeth Czernik & Heiko Hecht
Institut of Psychology, Johannes Gutenberg-Universität Mainz
- T-14 Technik spielerisch begreifen. Wie ältere Nutzer die Angst vor moderner Technologie verlieren können.**
Juliane Bürglen, Dietlind H. Cymek & Michael Minge
Technische Universität Berlin, Fachbereich Kognitionspsychologie und Kognitive Ergonomie
- T-15 I spy with my little eye - The unconscious processing of head fakes in basketball**
Iris Güldenpenning & Thomas Schack
Cognitive Interaction Technology - Center of Excellence, Bielefeld University
- T-16 Politically correct: Effects of political skill on the ability to fake good**
Ricarda Hübner & Katja Mierke
Hochschule Fresenius
- T-17 Measuring the User Experience of mobile applications. An empirical validation of a quantitative method.**
Carina Kuhr, Michael Minge & Manfred Thüring
Fachgebiet Kognitionspsychologie und Kognitive Ergonomie, Technische Universität Berlin
- T-18 Offside judgments in laypersons with different types of static displays**
Peter Wühr¹, Frowin Fasold² & Daniel Memmert²
¹Dept. of Psychology, TU Dortmund University; ²Institute of Cognitive and Team/Racket Sport Research, German Sport University

Decision making

-
- T-19 **How the "Rest" Affects "Take the Best" - And What Decision Times Can Tell us About it**
 Sebastian Dummel, Jan Rummel & Andreas Voss
Institute of Psychology, University of Heidelberg
- T-20 **Keep tracking: Effects and aftereffects of dishonesty**
 Anna Foerster, Roland Pfister & Wilfried Kunde
Department of Psychology III, Julius-Maximilians-Universität Würzburg
- T-21 **Information integration in the Wheel of Fortune task**
 Peter Haffke¹ & Ronald Hübner²
¹Graduate School of Decision Sciences, University of Konstanz; ²Department of Psychology, University of Konstanz
- T-22 **Acquisition vs. memorization trade-offs: individualized and adapted to task constraints**
 Gregor Hardiess & Hanspeter A. Mallot
Cognitive Neuroscience, Department of Biology, Institute of Neurobiology, University of Tübingen
- T-23 **Deconfounding Ownership and Liking: How Large is the Endowment Effect for Objects People Own, but Don't Like?**
 Maida Mustafic
University of Trier
- T-24 **Distractor-based SR retrieval in deliberative decision making processes**
 Nadine Nett & Christian Frings
University of Trier
- T-25 **What car should I buy? Working memory and the deliberation-without-attention effect**
 Benjamin Riedlsperger, Pierre Sachse & Markus Martini
Department of Psychology, University of Innsbruck
- T-26 **Güte sequentieller Entscheidungen nach negativer Stimmungsinduktion**
 Martha Sander¹, Steffen Nestler² & Boris Egloff³
¹Poliklinische Institutsambulanz für Psychotherapie, Psychologisches Institut, Johannes Gutenberg-Universität Mainz; ²Arbeitseinheit psychologische Diagnostik und Persönlichkeitspsychologie, Westfälische Wilhelms-Universität Münster; ³Abteilung Persönlichkeitspsychologie und Diagnostik, Johannes-Gutenberg-Universität Mainz
- T-27 **Cognitive Functions and Strategy Use in Decisions under Risk assessed by a Dice Task**
 Gerrit Stöckigt, Johannes Schiebener & Matthias Brand
General Psychology: Cognition, University of Duisburg-Essen
- T-28 **Weight sensations affect performance in different task domains**
 Alina Vennekötter¹ & Kai Kaspar²
¹Institute of Psychology, University of Osnabrück; ²Department of Psychology, University of Cologne
- T-29 **The manipulation of prior encoding depth affects intuitive judgments**
 Thea Zander¹, Susanne Diekelmann², Jan Born³ & Kirsten G. Volz¹
¹Werner Reichardt Centre for Integrative Neuroscience, University Tuebingen; ²Institute of Medical Psychology and Behavioral Neurobiology, University Tuebingen; ³Werner Reichardt Centre for Integrative Neuroscience, University Tuebingen; Institute of Medical Psychology and Behavioral Neurobiology, University Tuebingen

Spatial Cognition

- T-30 **Inferenzstrategien in Gebäuden**
Sascha Credé, Christoph Hölscher & Julia Frankenstein
Center for Cognitive Science, Albert-Ludwigs-University Freiburg
- T-31 **Navigation performance and strategy selection mechanisms**
Caspar M. Goeke¹, Suchada Kornpetpanee², Moritz Köster¹, Fernández Revelles³, Klaus Gramann⁴ & Peter König¹
¹Institute of Cognitive Science, University of Osnabrück; ²College of Research Methodology & Cognitive Science, Burapha University; ³Department of Physical and Sports Education, University of Granada; ⁴Biological Psychology und Neuroergonomics, Technical University Berlin
- T-32 **Visual landmark salience in human wayfinding – How important are color and shape?**
Kai Hamburger, Marianne Strickrodt & Florian Röser
Experimental Psychology and Cognitive Science, Justus Liebig University Giessen
- T-33 **“There and back again” – The influence of verbalisation and structural salience on finding the return path**
Thomas Hinterecker, Florian Röser & Kai Hamburger
Department of Psychology, Experimental Psychology and Cognitive Science, Justus Liebig University Giessen
- T-34 **Der Einfluss einer Speed-Accuracy Manipulation auf schildergeleitetes Navigationsverhalten in einer virtuellen Umgebung**
Saskia Leymann¹, Christoph Hölscher², Christian Becker-Asano³ & Rul von Stülpnagel¹
¹Universität Freiburg, Institut für Informatik und Gesellschaft, Abteilung Kognitionswissenschaft; ²ETH Zürich, Professur Kognitionswissenschaft; ³Institut für Informatik, Albert-Ludwigs-Universität Freiburg
- T-35 **Relationship between brain morphometry and mental rotation strategies**
Tivadar Lucza¹, Gergely Darnai², Enikő Plózer², Anna Altbäcker², József Janszky², Gergely Orsi², Gábor Perlaki² & Kázmér Karádi¹
¹Institute of Behavioral Sciences, University of Pécs - Medical School; ²Department of Neurology, University of Pécs - Medical School
- T-36 **Tell me where to go – The influence of structural salience on route descriptions**
Marianne Strickrodt, Florian Röser & Kai Hamburger
Justus Liebig University Giessen, Experimental Psychology and Cognitive Science

Memory

- T-38 **Prospective Memory: Comparing Ratings and Performance**
Nina R. Arnold¹ & Ute J. Bayen²
¹University of Mannheim; ²Heinrich-Heine-Universität Düsseldorf
- T-39 **Extrinsic Motivation Can Reduce the Effectiveness of Testing in Enhancing Long-term Memory**
Kathrin J. Emmerdinger¹, Christof Kuhbandner¹, Alp Aslan² & Kou Murayama³
¹Department of Psychology, University of Regensburg; ²Department of Psychology, University of Halle; ³Department of Psychology, University of Reading
- T-40 **Exploring the "Mere" in the Mere Ownership Effect on Memory**
Julia V. Englert¹ & Dirk Wentura²
¹International Research and Training Group "Adaptive Minds", Saarland University; Department for Cognitive Psychology and Research Methods, Saarland University; ²Department for Cognitive Psychology and Research Methods, Saarland University

- T-41 Validating a Two-High-Threshold Measurement Model for Recognition Memory and Ternary Response Scales**
 Quentin F. Gronau, Axel Rosenbruch, Paul Bacher, Henrik Singmann & David Kellen
Albert-Ludwigs-Universität Freiburg
- T-42 Memory Consolidation during Slow-Wave Sleep: Pictures work better than Words.**
 Maren Kater, Thomas Gruber, Christoph Schenk & Moritz Köster
Department of Psychology, University of Osnabrück
- T-43 Sound inflation: Auditory cues are sufficient to trigger false memories of having performed an action**
 Isabel Lindner¹ & Linda A. Henkel²
¹Department of Psychology, University of Kassel; ²Department of Psychology, Fairfield University
- T-44 The Impact of Criterion Noise in Signal Detection Theory: An Evaluation across Recognition Memory Tasks**
 Julie Linzer, David Kellen, Henrik Singmann & Karl C. Klauer
Abteilung Sozialpsychologie und Methodenlehre, Albert-Ludwigs-Universität Freiburg
- T-45 Aftereffects of completed intentions: Evidence for residual activation levels of completed action representations**
 Marcus Möschl, Moritz Walser, Thomas Goschke & Rico Fischer
Department of Psychology, Technische Universität Dresden
- T-46 Retrieval-induced forgetting is recall specific**
 Julia C. Rupprecht & Karl-Heinz T. Bäuml
Department of Experimental Psychology, Regensburg University
- T-47 Exploring commission errors after finished delayed intentions**
 Philipp Schaper & Tobias Grundgeiger
Lehrstuhl Psychologische Ergonomie, Institut für Mensch-Computer-Medien, Julius-Maximilians-Universität Würzburg
- T-48 Intention Retrieval and Deactivation Following an Acute Psychosocial Stressor**
 Moritz Walser, Rico Fischer, Thomas Goschke, Clemens Kirschbaum & Franziska Plessow
Technische Universität Dresden

Visual perception

-
- T-49 Influence of target's and mask's presentation durations on the occurrence of inter-individual differences in metacontrast masking**
 Mareen Berndt, Uwe Mattler & Thorsten Albrecht
Department for Experimental Psychology, University of Goettingen
- T-50 Subband decompositions are inherently incompatible with (most) non-linear models of visual perception**
 David H. J. Janssen¹ & Felix A. Wichmann²
¹Neural Information Processing Group, Faculty of Science, University of Tübingen; Bernstein Center for Computational Neuroscience Tübingen; ²Neural Information Processing Group, Faculty of Science, University of Tübingen; Bernstein Center for Computational Neuroscience Tübingen; Max Planck Institute for Intelligent Systems
- T-51 Relationship of side of onset and number of spatial errors in recall phase of Rey-Osterrieth Complex Figure visual memory test in Parkinson' disease patients**
 Kázmer Karádi¹, Zsuzsanna Ascherman², Sámuel Komoly², Zsófia Mikóczi¹ & Norbert Kovács²
¹Univ. of Pecs, Medical School, Inst. of Behavioral Sciences; ²Department of Neurology, Faculty of Medicine, Univ. of Pecs

Posters, Tuesday, 15:00 - 17:00

- T-52 **Enhancement of bottom-up processing in visual cortex during unpredictable motion**
Thilo Kellermann, Ruben Scholle, Frank Schneider & Ute Habel
Department of Psychiatry, Psychotherapy, and Psychosomatics, RWTH Aachen University
- T-53 **Testing Continuous and Discrete Models of Signal Detection: The Effect of Stimulus Strength and Perceptual Noise**
Simone Malejka¹ & Maarten Speekenbrink²
¹Department of Psychology, University of Mannheim; ²Department of Cognitive, Perceptual and Brain Sciences, University College London
- T-54 **Separating Semantic and Pragmatic Information in Eye-Movements for Image-Processing Tasks**
Yannik T. H. Schelske¹, Sankalita Mandal¹, Tandra Ghose² & Takeshi Suzuki³
¹Department of Computer Science, TU Kaiserslautern; ²Department of Psychology, TU Kaiserslautern; ³Ricoh Software Research Center
- T-55 **Spatio-temporal perceptive fields estimated by means of metacontrast masking**
Insa Schloßmacher & Maximilian Bruchmann
Institut für Biomagnetismus und Biosignalanalyse, Universitätsklinikum Münster
- T-56 **Uncertainty effects in visual psychophysics**
Heiko H. Schütt¹ & Felix A. Wichmann²
¹Neural Information Processing Group, Faculty of Science, University of Tübingen; Bernstein Center for Computational Neuroscience Tübingen; ²Neural Information Processing Group, Faculty of Science, University of Tübingen; Bernstein Center for Computational Neuroscience Tübingen; Max Planck Institute for Intelligent Systems, Empirical Inference Department
- T-57 **Information transmission in unconscious semantic priming**
Martin von Eltz, Chung-Shan Kao & Volker H. Franz
General Psychology, University of Hamburg
- T-58 **Constancy of visually perceived fluid viscosity**
Jan Jaap R. van Assen, Vivian C. Paulun & Roland W. Fleming
Department of Experimental Psychology, University of Giessen
- T-59 **Was war höher? Ein 2AFC-Paradigma zur Erfassung der wahrgenommenen Deckenhöhe von Innenräumen**
Christoph von Castell, Heiko Hecht & Daniel Oberfeld
Psychologisches Institut, Abteilung Allgemeine Experimentelle Psychologie, Johannes Gutenberg-Universität Mainz

Multiple senses

- T-60 **Material Perception in Blind and Sighted Participants**
 Elisabeth Baumgartner, Christiane Wiebel & Karl R. Gegenfurtner
Abteilung Allgemeine Psychologie, Justus-Liebig-Universität Gießen
- T-61 **Axiomatic examination of duration perception: The exponent of Stevens' Power Function varies under changes of the reference stimulus**
 Jana Birkenbusch, Wolfgang Ellermeier & Florian Kattner
Angewandte Kognitionspsychologie, Technische Universität Darmstadt
- T-62 **Attention modulates visual-tactile integration in a novel spatial pattern matching task**
 Florian Göschl, Andreas K. Engel & Uwe Frieze
Department of Neurophysiology and Pathophysiology, University Medical Center Hamburg-Eppendorf
- T-63 **Having a drink with Tchaikovsky: The crossmodal influence of background music on the taste of beverages.**
 Pia S. Hauck & Heiko Hecht
Psychologisches Institut, Johannes Gutenberg Universität Mainz
- T-64 **The effects of olfactory stimuli on motion sickness**
 Wanja Hemmerich¹, Behrang Keshavarz², Pia S. Hauck¹ & Heiko Hecht¹
¹Abteilung Allgemeine und Experimentelle Psychologie, Johannes Gutenberg-Universität Mainz; ²Research Department, Toronto Rehabilitation Institute - UHN
- T-65 **Multiple Fingers - One Gestalt**
 Alexandra Lezkan¹, Steven G. Manuel², J. Edward Colgate², Roberta L. Klatzky³, Michael A. Peshkin² & Knut Drewing¹
¹Justus-Liebig University Giessen; ²Northwestern University; ³Carnegie Mellon University
- T-66 **A new phenomenon: The self-induced rubber hand**
 Hartmut Neuf & Kai Hamburger
Justus Liebig University Giessen
- T-67 **A mass-density model can explain the normal and the inverted size-weight illusion**
 Christian Wolf¹, Wouter M. Bergmann Tiest² & Knut Drewing¹
¹Experimental Psychology, Justus-Liebig-University Giessen; ²Faculty of Human Movement Sciences, MOVE Research Institute, University Amsterdam

Talks, Tuesday, 17:00 - 18:30

Symposium

From perception to action

A1

Thomas Schenk & Volker H. Franz

- 17:00 **Violation of Weber's law in grasping is independent of the availability of visual information**
Christian Floß-Löwenkamp, Wiebke Gaertner & Volker H. Franz
General Psychology, University of Hamburg
- 17:15 **The Garner-interference in perception and action: An alternative account**
Constanze Hesse
School of Psychology, University of Aberdeen
- 17:30 **The functional anatomy of arm movements to peripheral targets**
Marc Himmelbach & Jason A. Martin
Centre for Neurology, Hertie-Institute for Clinical Brain Research Tübingen
- 17:45 **Can eye-movements explain why patients with optic ataxia are better with memory-guided actions?**
Thomas Schenk¹ & Constanze Hesse²
¹Department of Neurology, Friedrich-Alexander University Erlangen-Nuremberg; ²School of Psychology, University of Aberdeen
- 18:00 **Reference frames for delayed action**
Katja Fiehler & Immo Schütz
Experimental Psychology, Justus-Liebig-University Giessen
- 18:15 **Feedback and reference matter: Findings on antipointing and delayed propointing do not need to be explained by the perception-action model**
Kathrin S. Utz, Annika Hintz & Thomas Schenk
Department of Neurology, Friedrich-Alexander University Erlangen-Nuremberg

Talk session

Priming & Masking

A2

Christian Frings

- 17:00 **Fast visuomotor processing of morphed spider pictures in spider-fearful and non-anxious participants**
Anke Haberkamp¹, Thomas Schmidt², Mareike Schubach² & Filipp Schmidt²
¹Philipps-University Marburg; ²University of Kaiserslautern
- 17:15 **Dissociation of stimulus visibility and fear-related processing**
Philipp Hintze
Institute for Biomagnetism and Biosignalanalysis, University Hospital Münster
- 17:30 **The influence of prime visibility in motor and semantic priming depends on masking method**
Martina Wernicke & Uwe Mattler
Department for Experimental Psychology, University of Goettingen

- 17:45 **The Impact Of The Irrelevant: A Frugal Compilation Of Action-Triggers**
Frank Mast, Simon Merz & Christian Frings
Department of Cognitive Psychology, University of Trier
- 18:00 **Spatial Tactile Negative Priming – Is There Evidence For Feature-Mismatch?**
Christian Frings, Mast Frank & Charles Spence
University of Trier

Symposium

Insights into current research on deception and concealed information detection

-
- A3** Judith Peth & Kristina Suchotzki
- 17:00 **In Vino Veritas? - Alcohol, Response Inhibition and Lying**
Kristina Suchotzki¹, Bruno Verschuere², Evelyne Debey¹, Kim van Oorsouw³ & Geert Crombez¹
¹Department of Experimental-Clinical and Health Psychology, Ghent University; ²Department of Clinical Psychology, University of Amsterdam ; ³Faculty of Psychology and Neuroscience, Maastricht University
- 17:15 **Cardiovascular responses in the Concealed Information Test**
Matthias Gamer
Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf
- 17:30 **Identification of suspects: What do ERP tell about underlying cognitive processes?**
Anja Leue¹, Anke Herrmann² & André Beauducel²
¹Clinic of Epileptology, University Hospital Bonn; ²Institute of Psychology, University Bonn; ³Institute of Psychology, University Bonn
- 17:45 **How does an emotional context influence memory for details? Mechanisms and implications**
Johann S.-C. Kim & Matthias Gamer
Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf
- 18:00 **The influence of countermeasures on physiological responses in the Concealed Information Test**
Judith Peth
Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf
- 18:15 **True and false intentions: Mental images of the future**
Melanie Knieps
University of Gothenburg

Talk session

Risky choice

-
- A4** Andreas Glöckner
- 17:00 **Shall we risk it? How group decision making impacts risky choice**
Juliane E. Kämmer, Thorsten Pachur & Wolfgang Gaissmaier
Max Planck Institute for Human Development, Berlin
- 17:15 **The Reversed Description-Experience Gap**
Andreas Glöckner¹, Benjamin E. Hilbig², Felix Henninger² & Susann Fiedler³
¹Universität Göttingen; ²Universität Mannheim; ³MPI zur Erforschung von Gemeinschaftsgütern Bonn
- 17:30 **Risk sensitivity in passive risk situations**
Patrick Ring¹ & Christian Kaernbach²
¹Institute of Psychology, University of Kiel, Kiel Institute for the World Economy; ²Institute of Psychology, University of Kiel

Talks, Tuesday, 17:00 - 18:30

- 17:45 Risky choice in non-WEIRD populations: A model comparison study in the rural Philippines**
Pascal J. Kieslich¹, Andreas Landmann², Christian Biener³ & Benjamin E. Hilbig¹
¹Department of Psychology, University of Mannheim; ²Chair of Econometrics, University of Mannheim; ³Institute of Insurance Economics, University of St. Gallen
- 18:00 Social Sampling: Decisions from Experience in Mini-Ultimatum Games**
Nadine Fleischhut¹, Florian Artinger², Sebastian Olschewski³, Kirsten G. Volz³ & Ralph Hertwig¹
¹Center for Adaptive Rationality, Max Planck Institute for Human Development Berlin; ²University of Warwick; ³University of Tübingen
- 18:15 Self-reported risk taking across the life span: The role of life domains**
Anika Josef
Center for Adaptive Rationality (ARC), Max Planck Institute for Human Development, Berlin,

Talk session

Multisensory perception

-
- A5** Benjamin Straube
- 17:00 Visually Perceived Target-Distractor Separation Modulates Tactile Distractor Processing**
Ann-Katrin Wesslein¹, Charles Spence² & Christian Frings¹
¹Department of Cognitive Psychology, University of Trier; ²Department of Experimental Psychology, University of Oxford
- 17:15 Reward Expectation Influences Audiovisual Spatial Integration**
Patrick Bruns, Mario Maiworm & Brigitte Röder
Biologische Psychologie und Neuropsychologie, Universität Hamburg
- 17:30 Auditory-induced bouncing is a visual (rather than a cognitive) phenomenon: Evidence from illusory crescents**
Hauke S. Meyerhoff¹ & Brian J. Scholl²
¹Knowledge Media Research Center, Tübingen; ²Department of Psychology, Yale University
- 17:45 Superior temporal sulcus connectivity and the integration of speech and gesture**
Benjamin Straube & Tilo Kircher
Department of Psychiatry and Psychotherapy, Philipps-University Marburg
- 18:00 Cortical processing of different tastes in humans – A matter of time**
Kathrin Ohla
German Institute of Human Nutrition Potsdam-Rehbrücke

Symposium

Virtual Reality in Behavioral Research: Issues and Challenges

-
- B9** Rebekka S. Renner, Lewis L. Chuang & Sebastian Pannasch
- 17:00 How realistic can behavioral investigations become?**
Anke Huckauf
General Psychology, Ulm University
- 17:15 Individual aspects of distance perception in stereoscopic virtual environments**
Rebekka S. Renner¹, Boris M. Velichkovsky², Ralph H. Stelzer³ & Jens R. Helmert¹
¹Engineering Psychology and Applied Cognitive Research, TU Dresden; ²Institute of Cognitive Studies, Kurchatov Research Center Moscow; ³Chair of Engineering Design and CAD, TU Dresden

- 17:30 Perceptually-Inspired User Interfaces for Natural Interaction in Virtual Environment**
Frank Steinicke
University of Würzburg
- 17:45 Investigating evacuation behavior in virtual emergency situations in road tunnels: Challenges and benefits**
Andreas Mühlberger, Max Kinader, Philipp Gast, Daniel Gromer, Mathias Müller, Susanne Buld & Paul Pauli
Institute of Experimental Psychology, University of Regensburg
- 18:00 Closed-loop control performance and workload in a flight simulator**
Lewis L. Chuang, Nina Flad, Menja Scheer, Frank M. Nieuwenhuizen & Heinrich H. Bühlhoff
Max Planck Institute for Biological Cybernetics
- 18:15 Collaborative virtual environments as experimental research tools**
Oswald D. Kothgassner & Anna Felnhöfer
University of Vienna, Faculty of Psychology

Talk session

Development

- | | | |
|-----------|--|-----------------|
| E6 | | Claudia Kubicek |
|-----------|--|-----------------|
- 17:00 Visual language discrimination in 6-month-old infants**
Claudia Kubicek¹, Anne Hillairet de Boisferon², Olivier Pascalis³, Judit Gervain⁴, Helene Loevenbruck³ & Gudrun Schwarzer¹
¹Abteilung Entwicklungspsychologie, Justus-Liebig-Universität Gießen; ²Laboratoire de Psychologie et Neurocognition, Université Pierre Mendès ; ³Laboratoire de Psychologie et Neurocognition, Université Pierre Mendès; ⁴Laboratoire Psychologie de la Perception, L'Université Paris Descartes
- 17:15 Age differences in social source memory**
Raoul Bell, Trang Giang, Iris Mund & Axel Buchner
Heinrich-Heine-University Düsseldorf
- 17:30 Memory formation in 7 year-olds and adults: What theta- and alpha-band analysis may tell us**
Moritz Köster¹, André Haese² & Daniela Czernochowski³
¹Universität Osnabrück; ²Universität Düsseldorf; ³Technische Universität Kaiserslautern
- 17:45 Towards a cognitive endophenotype of developmental stuttering: experimental evidence on motor inhibition and executive control.**
Sebastian Markett¹, Benjamin Bleek², Martin Reuter¹ & Christian Montag¹
¹Department of Psychology, University of Bonn Center for Economics and Neuroscience, University of Bonn; ²Department of Psychology, University of Bonn
- 18:00 Attention Development and Learning: Recent Insights From Eye-tracking and EEG**
Louisa V. Kulke¹, John Wattam-Bell¹, Janette Atkinson¹ & Oliver Braddick²
¹Department of Developmental Science, University College London; ²Department of Experimental Psychology, Oxford University

Clinical psychology

F5

Thomas Kleinsorge

- 17:00 **„Ihr Erkrankungsrisiko ist gering“: Warum positive Informationen nicht immer akzeptiert werden**
Martina Gamp & Britta Renner
University of Konstanz
- 17:15 **Fronto-temporal dissociations in verbal fluency in aphasic patients and healthy controls**
Anna Stielow & Eva Belke
Ruhr-Universität Bochum
- 17:30 **Effects of an acute exposure to 200 ppm toluene on behavior and neurophysiology in a visual attention task**
Sven O. Kobald, Christoph van Thriel & Edmund Wascher
Leibniz Research Centre for Working Environment and Human Factors Dortmund
- 17:45 **Burnout and the fine-tuning of cognitive resources**
Thomas Kleinsorge¹, Stefan Diestel¹, Juliane Scheil¹ & Karen Niven²
¹Leibniz Research Centre for Working Environment and Human Factors; ²Manchester Business School, University of Manchester
- 18:00 **The Detection of the Objects in Patients with Schizophrenia treated with the Atypical and Typical Drugs**
Irina I. Shoshina¹, Yuri Shelepin² & Kristina O. Novikova³
¹Siberian Federal University, I.P. Pavlov Institute of Physiology, Russian Academy of Science; ²I.P. Pavlov Institute of Physiology, Russian Academy of Science; ³Siberian Federal University

Talks, Wednesday, 08:30 - 10:00

Symposium

Reference frames for spatial perception and action

A1

Katja Fiehler & Stefanie Müller

- 08:30 Parietal Representations of Egocentric Space include unseen Locations**
Andreas Schindler & Andreas Bartels
Centre for Integrative Neuroscience, University of Tübingen, Vision and Cognition Lab
- 08:45 Reaching while in motion: trajectories depend on the spatial reference frame of the target**
Luc Selen, Adjmal Sarwary & Pieter Medendorp
Donders Institute for Brain, Cognition and Behaviour, Radboud University Nijmegen
- 09:00 Why where you look (sometimes) matters when you localize touch: Gaze-dependent spatial updating of somatosensory stimuli.**
Stefanie Mueller & Katja Fiehler
Experimental Psychology, Justus-Liebig-University Giessen
- 09:15 Reach trajectories reveal rapid stimulus remapping in tactile decision making**
Janina Brandes & Tobias Heed
Biological Psychology and Neuropsychology, University of Hamburg
- 09:30 Top-down controlled integration of tactile reference frames**
Stephanie Badde, Tobias Heed & Brigitte Röder
Biological Psychology and Neuropsychology, University of Hamburg

Talk session

Visual attention

A2

Niko Busch

- 08:30 The effects of a visual prospective memory task on distinct components of attention**
Christian H. Poth¹, Claus Bundesen², Anders Petersen² & Werner X. Schneider³
¹Department of Psychology, Bielefeld University; ²Center for Visual Cognition, University of Copenhagen;
³Department of Psychology, Bielefeld University, Center of Excellence Cognitive Interaction Technology, Bielefeld University
- 08:45 Prioritization of relevant and suppression of irrelevant information is facilitated in homogeneous contexts**
Tobias Feldmann-Wüstefeld & Anna Schubö
Philipps-University Marburg
- 09:00 There is more to contingent capture than feature search**
Florian Goller & Ulrich Ansorge
Department of Basic Psychological Research and Research Methods, University of Vienna
- 09:15 The role of distractor practice in attentional control**
Tanja Kollei & Andreas Voss
Institute of Psychology, Heidelberg University

Talks, Wednesday, 08:30 - 10:00

09:30 Attention-induced lateralization of EEG alpha-oscillations reflects a psychophysical contrast gain effect.

Niko Busch

Charité Universitätsmedizin Berlin, Berlin School of Mind and Brain, Humboldt-Universität

Symposium

"Yes We Scan" - Methods and Approaches of Ambulatory Monitoring

A3

Sebastian Schnieder

08:30 I Feel so Blue - A framework for Smart Phone based Depression Monitoring Applying only In-Built Smart Phone Sensors

Lilian Strobl¹, Sebastian Schnieder¹, Matthias Berking², Marcin Gregorzek³, Elmar Nöth⁴ & Jarek Krajewski⁵

¹University of Wuppertal, Experimental Industrial Psychology; ²University of Marburg, Clinical Psychology and Psychotherapy; ³University of Siegen, Institute for Vision and Graphics; ⁴University of Erlangen-Nuremberg, Institute of Informatics; ⁵Rhenish University of Applied Sciences Cologne, Industrial Psychology

08:45 Intense Blue Light Improves Sleep Quality and Well-Being within Daily Life Settings
Dana Roelen¹, Sebastian Schnieder¹, Sarah Stappert¹, Raphael Titt¹, Lilian Strobl¹ & Jarek Krajewski²

¹University of Wuppertal, Experimental Industrial Psychology; ²Rhenish University of Applied Sciences Cologne, Industrial Psychology

09:00 Detection of Mental Workload Through Thermal Imaging – A Pilot Study in Real Road Traffic

Chia-Chun Hsu¹, Sebastian Schnieder¹, André Wiggerich¹, Anke Brunstein¹ & Jarek Krajewski²

¹University of Wuppertal, Experimental Industrial Psychology; ²Rhenish University of Applied Sciences Cologne, Industrial Psychology

09:15 Analysis of speech characteristics during an interview may provide direct access to emotional state in the domain of disgust sensitivity

Axel Zinkernagel¹, Anke Brunstein², Sebastian Schnieder², Dennis Richter², Richard McNally³ & Jarek Krajewski⁴

¹University Koblenz-Landau, Diagnostic, Differential and Personality Psychology; ²Bergische Universität Wuppertal - Experimental Industrial Psychology; ³Harvard University, Department of Psychology; ⁴Rhenish University of Applied Sciences Cologne, Industrial Psychology

09:30 Can we Infer Personality Traits from Vocal Correlates?

Jarek Krajewski¹, Christian Bosau¹, Hannah Weiser², Simone Kauffeld³, Florian Klonek³ & Sebastian Schnieder⁴

¹Rhenish University of Applied Sciences Cologne, Industrial Psychology; ²University of Würzburg, Institute of Psychology; ³University of Braunschweig, Work and Organizational Psychology; ⁴University of Wuppertal, Experimental Industrial Psychology

Talk session

Motor control

-
- A4** Felix Hoffstaedter
- 08:30 **Short-term exercise effects on neuroelectric and behavioral measures of concentration**
 Andrea Geipel
Chair of Sportpsychology, TU Munich
- 08:45 **Why You Should Maybe Start Smoking: The Effect of a CHRNA Variant on Response Speed**
 Katja K. Schneider¹, Jobst Meyer², Andrea Schote-Frese² & Christian Frings¹
¹Department of Cognitive Psychology, University of Trier; ²Department of Neurobehavioral Genetics, University of Trier
- 09:00 **Volitionale Bewegungen: eine quantitative Meta-analyse bildgebender Verfahren**
 Felix Hoffstaedter & Simon B. Eickhoff
Klinische Neurowissenschaften und Medizinische Psychologie, Heinrich-Heine Universität Düsseldorf, Institut für Neurowissenschaften und Medizin INM-I, Forschungszentrum Jülich
- 09:15 **Sequential effects of posture selection in pointing and grasping**
 Christoph Schütz & Thomas Schack
Faculty of Psychology and Sports Science, Bielefeld University
- 09:30 **Pseudoneglect and non-conscious perception in penalty kicking**
 Benjamin Noël, John van der Kamp, Matthias Weigelt & Daniel Memmert
German Sport University Cologne, Institute of Cognitive and Team/Racket Sport Research
- 09:45 **Motor imagery of a bimanual movements**
 Stephan Dahm & Martina Rieger
UMIT - Private Universität für Gesundheitswissenschaften Hall in Tirol, Medizinische Informatik und Technik

Talk session

Perception

-
- A5** Urte Roeber
- 08:30 **Spatial determinants and magnetoencephalographic correlates of visible persistence**
 Maximilian Bruchmann & Kathrin Thaler
Institut für Biomagnetismus und Biosignalanalyse, Universitätsklinikum Münster
- 08:45 **Looking at degrees of separation: Early brain responses to binocular orientation differences**
 Urte Roeber
Institut für Psychologie, Universität Leipzig
- 09:00 **The phase of pre-stimulus 7 Hz oscillations gates cortical information flow and predicts perception performance**
 Gregor Volberg¹, Simon Hanslmayr², Maria Wimber², Sarang S. Dalal³ & Mark W. Greenlee¹
¹Institute for Psychology, University of Regensburg; ²School of Psychology, University of Birmingham; ³Department of Psychology, University of Konstanz
- 09:15 **Temporal and Spatial integration windows: the case of Vernier Fusion**
 Jan Drewes & David Melcher
Center for Mind/Brain Sciences (CIMEC), Trento University

Talks, Wednesday, 08:30 - 10:00

- 09:30 **The role of blinking in cognitive processing**
Holger Heppner, Tina Möckel & Edmund Wascher
Leibniz Research Center for Working Environment and Human Factors, TU Dortmund
- 09:45 **Detektion gradueller Intensitätsänderungen in auditiven Stimuli**
Daniel Oberfeld¹, Felicitas Klöckner-Nowotny¹, René Reinhard¹ & Patricia DeLucia²
¹Allgemeine Experimentelle Psychologie, Johannes Gutenberg-Universität Mainz; ²Department of Psychology, Texas Tech University

Talk session

Creativity & Aesthetics

-
- B9** Bernhard Hommel
- 08:30 **Hirnkorrelate der frühen Verarbeitung visueller Ästhetik**
Henning Gibbons & Robert Schnuerch
Institute for Psychology, University of Bonn
- 08:45 **Subgroups of Persons Share a Specific “Taste” for Abstract Artworks**
Gregor U. Hayn-Leichsenring, Birgit Mallon & Christoph Redies
Institute of Anatomy I School of Medicine, Friedrich Schiller University Jena
- 09:00 **Aesthetic terms used for the description and evaluation of literature**
Valentin Wagner¹, Christine Knoop¹, Winfried Menninghaus¹ & Thomas Jacobsen²
¹Department of Language and Literature, Max Planck Institute for Empirical Aesthetics Frankfurt;
²Experimental Psychology Unit Faculty of Humanities and Social Sciences, Helmut Schmidt University / University of the Federal Armed Forces Hamburg
- 09:15 **Eureka! – Neural correlates of learning by insight**
Jasmin M. Kizilirmak & Alan Richardson-Klavehn
Otto-von-Guericke-University Magdeburg, Clinic for Neurology
- 09:30 **Improving creativity through meditation and sport: a control-state approach**
Bernhard Hommel & Lorenza S. Colzato
Leiden University Cognitive Psychology Unit
- 09:45 **If Creativity is related to diversity and unusualness, do creative persons have a more diverse and unusual sex life?**
Sven Form, Friederike Janssen, Philipp Rauwald, Mandy Ristau, Karolin Schultz, Merve Krabbenhöft & Christian Kaernbach
University of Kiel, Institute for Psychology Allg. Psychologie I

Talk session

Conditioning

E6		Tim Klucken
08:30	Acute stress attenuates fear retrieval in healthy men Christian J. Merz, Tanja C. Hamacher-Dang & Oliver T. Wolf <i>Institute of Cognitive Neuroscience, Department of Cognitive Psychology, Ruhr-University Bochum</i>	
08:45	Differentielle Konditionierung mit erotischen Reizen bei sexsüchtigen Probanden Tim Klucken, Sina Wehrum, Jan Schweckendiek & Rudolf Stark <i>Department of Psychotherapy and Systems Neuroscience, Justus Liebig University Giessen</i>	
09:00	Pupil size response to an emotionally conditioned neutral stimulus. Gabriel Yuras, Sarah E. Lukas & Anke Huckauf <i>Universität Ulm, Institut für Psychologie und Pädagogik Allgemeine Psychologie</i>	
09:15	Evaluative conditioning requires clearly supraliminal presentation of CSs Christoph Stahl & Julia Haaf <i>Department of Psychology, University of Cologne</i>	
09:30	The mutual influence of Evaluative Conditioning and Attribute Conditioning Sabine Förderer <i>Allgemeine Psychologie II, Universität zu Köln</i>	

Talk session

Personality and individual differences

F5		Susann Fiedler
08:30	Intercultural differences in defeasible reasoning with legal conditionals L. Estefania Gazzo Castaneda & Markus Knauff <i>Justus-Liebig University Giessen</i>	
08:45	Looking at Outcome Distributions Differently: How Social Preferences Guide the Transformation of Objective Payoffs Susann Fiedler ¹ , Andreas Glöckner ² & Carsten de Dreu ³ <i>¹Max Planck Institut for Research on Collective Goods; ²University of Göttingen; ³University of Amsterdam</i>	
09:00	Morphological markers of early life testosterone exposure predict psychopathic traits in males Christine Anderl ¹ , Ann-Kathrin Schmidt ¹ , Karolien H. Notebaert ² , Tim Hahn ¹ & Sabine Windmann ¹ <i>¹Department of Cognitive Psychology, Johann Wolfgang Goethe University Frankfurt; ²Research Center of Marketing and Consumer Science, Katholieke Universiteit Leuven, Department of Cognitive Psychology, Johann Wolfgang Goethe University Frankfurt</i>	
09:15	The influence of social value orientation on spontaneous cooperation behavior Dorothee Mischkowski <i>University of Göttingen</i>	
09:30	Processing cheaters: Intergroup differentiation and individual differences Stefanie Hechler, Franz J. Neyer & Thomas Kessler <i>University of Jena</i>	

Posters, Wednesday, 10:00 - 12:00

Learning

- W-1 **Text-Picture Integration when Learning with Multimedia**
Jana Arndt, Anne Schüler & Katharina Scheiter
Leibniz-Institut für Wissensmedien
- W-2 **Goal Orientated Adjustment of Performance Based on Unconscious Knowledge**
Sarah Esser, Katharina Eberhardt & Hilde Haider
Universität zu Köln
- W-3 **Is extinction in Evaluative Conditioning context-dependent?**
Fabia Högden, Julia Haaf & Anne Gast
Universität zu Köln
- W-4 **Predicting reading performance with visual-verbal paired associate learning (PAL) - Results of a longitudinal study**
Josefine Horbach, Wolfgang Scharke, Jennifer Cröll & Thomas Günther
LFG Klinische Neuropsychologie des Kindes- und Jugendalters, Klinik für Psychiatrie, Psychosomatik und Psychotherapie des Kindes- und Jugendalters, Uniklinik RWTH Aachen
- W-5 **Task-Transfer of spatial learning is more efficient for unattended material**
Hanna Kadel, Tobias Feldmann-Wüstefeld & Anna Schubö
Philipps-Universität Marburg
- W-6 **Neural correlates of instructed extinction**
Laura Kress, Rudolf Stark, Dieter Vaitl & Andrea Hermann
Professur für Psychotherapie und Systemneurowissenschaften, Justus-Liebig-Universität Giessen
- W-7 **Interindividuelle Unterschiede bei appetitiver Konditionierung**
Onno Kruse, Tim Klucken, Jan Schweckendiek, Sina Wehrum & Rudolf Stark
Professur für Psychotherapie und Systemneurowissenschaften, Justus-Liebig-Universität Giessen
- W-8 **The Direct Effect of Testing in Action Phrases**
Veit Kubik¹, Monika Knopf² & Wolfgang Mack³
¹Stockholm University, Department of Psychology; ²Abteilung für Entwicklungspsychologie, Johann Wolfgang Goethe-Universität Frankfurt; ³Universität der Bundeswehr München, Fakultät für Humanwissenschaften, Department für Psychologie, Professur für Allgemeine Psychologie
- W-9 **How do different learning conditions influence place recognition?**
Stephan Lancier, Marc Halfmann, Isa-Maria Gross & Hanspeter A. Mallot
Cognitive Neuroscience Unit, Department of Biology, University of Tübingen
- W-10 **Can post-retrieval extinction prevent the return of contextual fear in humans?**
Shira Meir Drexler¹, Christian J. Merz², Tanja C. Hamacher-Dang¹ & Oliver T. Wolf²
¹Fakultät für Psychologie, Kognitionspsychologie, Ruhr-Universität Bochum; International Graduate School of Neuroscience, Ruhr-Universität Bochum; ²Fakultät für Psychologie, Kognitionspsychologie, Ruhr-Universität Bochum

Thinking and Reasoning

- W-13 **Primacy Effects in Sequential Diagnostic Reasoning About Ambiguous Evidence Generalize Across Learning Procedures**
 Felix G. Rebitschek¹, Eva-Maria Gade¹, Josef F. Krems² & Georg Jahn¹
¹Department of Psychology, University of Greifswald; ²Department of Psychology, Technische Universität Chemnitz
- W-14 **A temporally sustained implicit theory of mind deficit in Autism Spectrum Disorders**
 Dana Schneider
Friedrich-Schiller-University of Jena
- W-15 **What Don't You Think? An Examination of Mental Models in Causal Reasoning**
 Stephanie N. Schwenke & Marco Ragni
Center for Cognitive Science, University of Freiburg
- W-16 **Sequential Diagnostic Reasoning with Numerical Frequencies**
 Rebekka Stahnke¹, Felix G. Rebitschek² & Georg Jahn²
¹Institut für Erziehungswissenschaften, Humboldt-Universität zu Berlin; ²Institut für Psychologie, Universität Greifswald
- W-17 **Syllogistic Reasoning with Generalized and Non-Monotonic Quantifiers: A Theory of Minimal Models**
 Eva-Maria Steinlein & Marco Ragni
Center for Cognitive Science, University of Freiburg
- W-18 **Don't be sad, but distrust? The influence of distrust and sadness on deductive reasoning**
 Corina T. Ulshöfer & Margit E. Oswald
Institute of Psychology, Social Psychology, University of Bern

Personality and interindividual differences

- W-19 **Zusammenhänge kognitiver Leistungsfähigkeit und der Performance bei Aufgaben mit unterschiedlich benutzerfreundlichen Interfaces an einem Tablet Computer**
 Michael Haiduk, Maximilian Horn, Anke Schwarze & Frank Eggert
Abteilung psychologische Methodenlehre und Biopsychologie, Institut für Psychologie, TU Braunschweig
- W-20 **Positiver Transfer von im außerschulischen Instrumentalunterricht erworbener Fertigkeiten auf instrumentunspezifische (generische) musikpraktische Kompetenzen bei Schülern**
 Johannes Hasselhorn & Andreas C. Lehmann
Hochschule für Musik Würzburg
- W-21 **Individual differences in dispositional cognitive reappraisal modulate the neural basis of fear acquisition and extinction**
 Andrea Hermann, Tanja Keck & Rudolf Stark
Department of Psychotherapy and Systems Neuroscience, Bender Institute of Neuroimaging, Justus Liebig University Giessen
- W-22 **Delay discounting = trait variable?**
 Marta Malesza
University of Warsaw
- W-23 **Personality and decision-making: temperament and character personality profile in relation to the discounting process**
 Taiki Takahashi¹ & Marta Malesza²
¹Max Planck Institute; ²University of Warsaw

Social psychology

- W-24 **Hide or Seek!**
Felix J. Goetz
Julius-Maximilians-Universität Würzburg
- W-25 **The emergence of ingroup favoritism in repeated social dilemmas**
Marie D. Hellmann¹, Angela Dorrough², Andreas Glöckner² & Irena Ebert³
¹Max Planck Institute for Research on Collective Goods; ²Max Planck Institute for Research on Collective Goods; Psychological Diagnostics, Judgment and Decision Making, Göttingen University; ³Social and economic psychology, Koblenz-Landau University
- W-26 **Impression Management im umweltpsychologischen Kontext**
Maximilian Horn, Michael Haiduk & Anke Schwarze
Department of Research Methods and Biopsychology, Institute for Psychology, Technische Universität Braunschweig
- W-27 **Can Content-based Knowledge Awareness Help Overcome Collaborative Inhibition and Improve Relations by Fostering Transactive Memory?**
Michail D. Kozlov & Tanja Engelmann
Leibniz-Institut für Wissensmedien, Knowledge Media Research Center Tübingen
- W-28 **Ironic Effects of Sexual Minority Group Membership: Are Lesbians Less Susceptible to Invoking Negative Female Stereotypes than Heterosexual Women?**
Claudia Niedlich¹, Melanie Steffens¹, Irena Ebert¹, Elisabeth Settke² & Jacqueline Krause²
¹Social Psychology, University Koblenz-Landau; ²FSU Jena
- W-29 **Visual information as a cue for turn-taking in conversation**
Claudia Wild, Annett B. Jorschick, Carina Riest & Jan P. de Ruiter
Bielefeld University

Visual perception: Color & Material

- W-30 **Does the degree of constancy in transparency perception depend on the experimental task?**
Charlotte Falkenberg & Franz Faul
Institut für Psychologie, Christian-Albrechts-Universität zu Kiel
- W-31 **Effects of varied spatial scale on perception of shape from shiny surfaces**
Julia E. Mazzarella¹, Steven A. Cholewiak¹, Flip Phillips² & Roland W. Fleming¹
¹Psychology, Justus-Liebig Universität Gießen; ²Psychology and Neuroscience, Skidmore College
- W-32 **Color categorization of natural objects**
Zarko Milojevich, Robert Ennis & Karl R. Gegenfurtner
Fachgebiet Psychologie, Justus-Liebig-Universität Giessen
- W-33 **Perception of saturation when viewing natural scenes**
Florian Schiller & Karl R. Gegenfurtner
Department of Psychology, Justus Liebig University Giessen
- W-34 **Background distortion does not contribute to the perceived material properties of thick transparent objects**
Nick Schlüter & Franz Faul
Institut für Psychologie, Christian-Albrechts-Universität zu Kiel
- W-35 **Illuminant chromaticity influences color constancy**
David Weiß & Karl R. Gegenfurtner
Department of Psychology, Justus-Liebig-Universität Gießen

Language

-
- W-36 **Facilitating lexical access by activating experiential traces: Investigations with an anagram-solving task**
 Eduard Berndt, Carolin Dudschig & Barbara Kaup
Abteilung Kognition & Sprache, Eberhard Karls Universität Tübingen
- W-37 **The time course of the processing of the uniqueness-PSP of the definite article: Evidence from a self-paced reading study**
 Christian Brauner¹, Mareike Kirsten¹, Sonja Tiemann², Ingo Hertrich³, Sigrid Beck⁴ & Bettina Rolke¹
¹Eberhard Karls Universität Tübingen, Mathematisch-Naturwissenschaftliche Fakultät, Department of Psychology, Evolutionary Cognition - Cognitive Science; ²Eberhard Karls Universität Tübingen, Collaborative Research Center; ³Eberhard Karls Universität Tübingen, Department of General Neurology; ⁴Eberhard Karls Universität Tübingen, Department of English, Chair of Descriptive and Theoretical Linguistics
- W-38 **Classification of yes and no and responses with the left and right hand: A compatibility effect**
 Irmgard de la Vega, Carolin Dudschig & Barbara Kaup
Eberhard Karls Universität Tübingen
- W-39 **To fly or not to fly? The automatic influence of negation on spatial simulation processes during sentence understanding**
 Carolin Dudschig, Irmgard de la Vega & Barbara Kaup
Universität Tübingen
- W-40 **Proficiency Dictates Reading Strategy in L2**
 Eva Froehlich¹, Yulia Oganian², Ulrike Schlickeiser² & Hauke R. Heekeren²
¹Experimental and Neurocognitive Psychology, Department of Education and Psychology, Freie Universität Berlin; ²Affective Neuroscience and Psychology of Emotion, Department of Education and Psychology, Freie Universität Berlin
- W-41 **Latent Semantic Analysis Accounts of Lexical Priming**
 Fritz Günther, Carolin Dudschig & Barbara Kaup
Department of Psychology University of Tübingen
- W-42 **The neural integration of intrinsically meaningful gestures – an EEG and fMRI study**
 Yifei He¹, Miriam Steines¹, Helge Gebhardt², Tilo Kircher¹, Arne Nagels¹ & Benjamin Straube¹
¹Department of Psychiatry and Psychotherapy, Philipps-University Marburg; ²Centre for Psychiatry, Justus-Liebig University Giessen
- W-43 **The automatic temporal alignment of speech in German for psycholinguistic purposes**
 Daniel Katzberg¹, Eva Belke², Britta Wrede¹, Jessica Ernst² & Theodor Berwe²
¹Technische Fakultät, AG Angewandte Informatik, Universität Bielefeld; ²Sprachwissenschaftliches Institut, Ruhr-Universität Bochum
- W-44 **Semantics compensates for language complexity during grammar acquisition**
 Birgit Öttl¹, Gerhard Jäger² & Barbara Kaup¹
¹Psychology Department, Eberhard Karls University; ²Linguistics Department, Eberhard Karls University
- W-45 **When what you hear does not match what you see: Nonstrategic validation of audio-visual information**
 Benjamin A. Piest, Maj-Britt Isberner & Tobias Richter
Institut für Psychologie, Universität Kassel

Posters, Wednesday, 10:00 - 12:00

- W-46 **The role of input and output modality in language processing**
Simone Schäffner, Iring Koch & Andrea M. Philipp
Institute of Psychology, RWTH Aachen University
- W-47 **Do I need to have my hands free to understand hand-related language?**
Jessica V. Strozyk, Carolin Dudschig & Barbara Kaup
University of Tübingen
- W-48 **“Soprano” versus “Bass”: Compatibility effects between linguistically implied pitch and space rely on contextual information provided by sentences, not single words.**
Sibylla Wolter, Carolin Dudschig, Irmgard de la Vega & Barbara Kaup
Universität Tübingen

Perception and Action

- W-49 **Syntax in musical motor acts. What is beyond a pianist's hand?**
Roberta Bianco¹, Giacomo Novembre², Peter Keller², Angela Friederici³, Arno Villringer³ & Daniela Sammler³
¹Max Planck Institute for Human Cognitive and Brain Sciences, Department of Neurology; Max Planck Institute for Human Cognitive and Brain Sciences, Otto Hahn Group “Neural Bases of Intonation in Speech”; ²Max Planck Institute for Human Cognitive and Brain Sciences, Research Group “Music Cognition and Action”; MARCS Institute, University of Western Sydney; ³Max Planck Institute for Human Cognitive and Brain Sciences
- W-50 **Delayed pointing in a pure case of ventral pathway damage**
Sonja Cornelsen & Marc Himmelbach
Centre for Neurology, Hertie-Institute for Clinical Brain Research
- W-51 **The Role of Contextual Objects in Action Recognition**
Nadiya El-Sourani¹, Moritz F. Wurm², Daniel Kluger¹ & Ricarda I. Schubotz¹
¹Biologische Psychologie, Westfälische Wilhelms Universität Münster; ²Center for Mind/Brain Science, University of Trento
- W-52 **The SNARC effect on line bisection by open-loop reaching**
Anja Gatzsche, Urs Kleinholdermann & Jutta Billino
Justus-Liebig University Giessen
- W-53 **Interference Effects in Concurrent Movement Perception and Action**
Fabian Helm, Stefan Kindermann & Jörn Munzert
Neuromotor Behavior Laboratory, Justus-Liebig-University Giessen
- W-54 **Hitting a target may decrease its perceived size**
Wladimir Kirsch & Wilfried Kunde
Julius-Maximilians-University Würzburg, Experimental and Cognitive Psychology
- W-55 **The neurophysiological interaction of lexical information and movement execution**
Dirk Koester
Bielefeld University, Faculty of Psychology and Sport Science
- W-56 **Constrained Postures and the Simon Effect**
Jochen Müsseler & Magali Kreutzfeldt
Work and Cognitive Psychology, RWTH Aachen University
- W-57 **Influence of material properties and object orientation on precision grip**
Vivian C. Paulun, Karl R. Gegenfurtner & Roland W. Fleming
Department of Experimental Psychology, Justus Liebig University Gießen

- W-58 **Effects of target direction on eye-hand coordination patterns during visuomotor adaptation**
Sebastian Rentsch & Miya K. Rand
Leibniz Research Centre of Working Environment and Human Factors
- W-59 **Backward crosstalk in the PRP-paradigm: Effects of instructed vs. intentional nonactions in T2 on reaction times in T1**
Eva Roettger & Hilde Haider
Department of Psychology, University of Cologne
- W-60 **Stability of crosstalk upon variation of visual and proprioceptive action effects**
Oliver Sack, Jochen Müsseler & Christine Sutter
Department of Psychology, RWTH Aachen University
- W-61 **Change and error: Incorrect predictions reduce switch costs**
Juliane Scheil & Thomas Kleinsorge
Leibniz Research Centre for Working Environment and Human Factors
- W-62 **Why does temporal preparation increase response conflict? Evidence from an event-related potential (ERP) study**
Verena C. Seibold, Freya Festl & Bettina Rolke
Evolutionary Cognition, Department of Psychology, Eberhard Karls University Tübingen
- W-63 **Grasping does not obey Weber's law – even if perceptual processes are involved**
Philipp Taesler¹, Rachel M. Foster², Christian Floß-Löwenkamp² & Volker H. Franz²
¹Department of Systems Neuroscience, University Medical Center Hamburg Eppendorf; ²Department of Psychology, University of Hamburg
- W-64 **The influence of observed distal action effects on object recognition**
Jens A. Tiggelbeck & Jochen Müsseler
Work and Cognitive Psychology, RWTH Aachen University
- W-65 **Perceptual anticipation of others' movements: A motor or a visual origin?**
Gilles Vannuscorps¹ & Alfonso Caramazza²
¹Center for Mind/Brain Sciences, Università degli Studi di Trento, Trento (TN), Italy; ²Center for Mind/Brain Sciences, Università degli Studi di Trento, Trento (TN), Italy
Department of Psychology, Harvard University, Cambridge (MA), USA
- W-66 **Some remarks about the parameterization of the error negativity**
Sven Hoffmann
Leibniz Research Centre for Working Environment and Human Factors

Talks, Wednesday, 15:00 - 16:30

Symposium

Neurocognitive aspects of manual actions

A1

Christian Seegelke & Dirk Koester

- 15:00 Is there a relationship between the development of motor planning skills and executive functions in early childhood?**
Kathrin Wunsch¹, Roland Pfister², Anne Henning³, Gisa Aschersleben³ & Matthias Weigelt¹
¹Sportpsychology, University Paderborn; ²Department of Psychology, University of Würzburg;
³Developmental Psychology, Saarland University
- 15:15 Age- and expertise-related changes of bimanual coordination**
Claudia Voelcker-Rehage¹, Solveig Vieluf², Eva-Maria Reuter³ & Ben Godde¹
¹Jacobs Center on Lifelong Learning and Institutional Development, Jacobs University Bremen; AgeAct Research Center, Jacobs University Bremen; ²Department of Sport Science, Saarland University; ³Jacobs Center on Lifelong Learning and Institutional Development, Jacobs University Bremen
- 15:30 Neural mechanisms for overt habitual and non-habitual manual actions**
Jan Westerholz, Thomas Schack, Christoph Schütz & Dirk Koester
Neurocognition and Action Research Group, Bielefeld University
- 15:45 The Effect of Learning on Grasp Selections before Multistep Object Manipulations**
Oliver Herbort
Department of Psychology, Julius-Maximilians-Universität Würzburg
- 16:00 Effects of action goal perturbation on bimanual grasp posture planning**
Christian Seegelke¹ & Charmayne M. L. Hughes²
¹Bielefeld University; ²Technical University Munich
- 16:15 Anticipatory Behavior during Object Interaction**
Anna Belardinelli & Martin V. Butz
Universität Tübingen

Talk session

Auditory attention

A2

Iring Koch

- 15:00 Crossmodal attention switching in numerical and spatial visual-auditory tasks**
Magali Kreutzfeldt¹, Denise N. Stephan¹, Walter Sturm², Klaus Willmes² & Iring Koch¹
¹Institute of Psychology, RWTH Aachen University; ²Department of Neurology–Neuropsychology, RWTH Aachen University
- 15:15 Examining response-related processes in auditory attention switching**
Vera Lawo & Iring Koch
Institute of Psychology, RWTH Aachen University
- 15:30 The relative benefit of spatial auditory selection over non-spatial selection is offset in unprepared attention switches: Evidence from an explicit attention-switching paradigm**
Iring Koch & Vera Lawo
Institute of Psychology I, RWTH Aachen University

- 15:45 **Ignoring sound: Repeated exposure reduces disruption of serial recall**
Jan P. Röer, Raoul Bell & Axel Buchner
Institut für Experimentelle Psychologie, Heinrich-Heine-Universität Düsseldorf
- 16:00 **Spatial response coding does not alter the mechanisms of auditory selection: Evidence from spatial negative priming with keypress and head movement responses**
Malte Möller, Susanne Mayr & Axel Buchner
Institut für Experimentelle Psychologie, Heinrich-Heine-Universität Düsseldorf
- 16:15 **Memory for irrelevant sounds and their locations: Evidence from the spatial negative priming paradigm**
Susanne Mayr, Malte Möller & Axel Buchner
Heinrich-Heine-Universität Düsseldorf, Institut für Experimentelle Psychologie

Symposium

How does metacognition develop and what are its neural correlates?

- A3** Nike Tsalas & Barbara C.N. Müller
- 15:00 **The role of false belief and source-of-knowledge understanding in early metamemory development**
Camille J. Gavoille¹, Stéphanie Caillies¹ & Florence Labrell²
¹Laboratoire C2S - Cognition Santé Socialisation, Université de Reims Champagne-Ardenne; ²Université de Reims Champagne-Ardenne
- 15:15 **Metacognitive Monitoring and Control in 6-year-olds: The role of under- and overestimation**
Nesrin Destan & Claudia M. Roebbers
University of Bern
- 15:30 **Developmental changes in monitoring-control processes across childhood and adolescence**
Nike Tsalas
Ludwig-Maximilians-Universität München
- 15:45 **Neural correlates of Metacognition – an EEG study**
Barbara C. N. Müller
Radboud University Nijmegen

Symposium

Psychological processes in risky decision making: An applied perspective

- A4** Johannes Schiebener & Thorsten Pachur
- 15:00 **Frugal search in medical decisions from experience**
Tomás Lejarraga, Thorsten Pachur, Renato Frey & Ralph Hertwig
Center for Adaptive Rationality, Max Planck Institute for Human Development Berlin
- 15:15 **The Basel-Berlin Risk Study: First Results on Experiential Measures of Risk Taking**
Renato Frey¹, Tomás Lejarraga¹, Rui Mata¹, Thorsten Pachur¹, Ralph Hertwig¹, Andreas Pedroni², Oliver Schürmann² & Jörg Rieskamp²
¹Center for Adaptive Rationality (ARC), Max Planck Institute for Human Development Berlin; ²Economic Psychology, University of Basel

Talks, Wednesday, 15:00 - 16:30

- 15:30 Modeling Sequential Risk Taking with Cumulative Prospect Theory**
Andreas Pedroni¹, Bernd Figner², Thorsten Pachur³, Renato Frey³, Jon Westfall⁴ & Jörg Rieskamp¹
¹Center for Economic Psychology, Department of Psychology, University of Basel; ²Behavioral Science Institute, Radboud University Nijmegen; ³Center for Adaptive Reality, Max Planck Institute for Human Development Berlin; ⁴Center for Decision Sciences, Columbia University Graduate School of Business New York
- 15:45 Developmental changes in decision making under risk from childhood to young adulthood: Contributions of cognitive functions and personality**
Johannes Schiebener¹, María G. Arias², Domingo G. Villamizar³, Javier C. Truffino⁴ & Matthias Brand⁵
¹Department of General Psychology: Cognition, University of Duisburg-Essen; ²LAGUNA Hospital Care Center Madrid; ³Complutense University Madrid; ⁴University Clinic of Navarra; ⁵Department of General Psychology: Cognition, University of Duisburg-Essen; Erwin L. Hahn Institute for Magnetic Resonance Imaging Essen
- 16:00 Disorder of choice: decision-making deficits of patients with pathological buying**
Patrick Trotzke¹, Katrin Starcke¹, Anya Pedersen² & Matthias Brand³
¹University of Duisburg-Essen, General Psychology: Cognition; ²University of Muenster, Clinical Psychology & Psychotherapy; ³University of Duisburg-Essen, General Psychology: Cognition; Erwin L. Hahn Institute for Magnetic Resonance Imaging Essen
- 16:15 Risky Decision Making under Stress**
Bettina von Helversen & Joerg Rieskamp
University of Basel, Department of Psychology

Talk session

Visual perception: Faces

-
- A5** Stefan R. Schweinberger
- 15:00 Calculating beauty? The higher-order image statistics of faces**
Claudia Menzel¹, Gregor U. Hayn-Leichsenring¹, Oliver Langner² & Christoph Redies¹
¹Institute of Anatomy I, University Hospital Jena, Person Perception Research Unit, Friedrich-Schiller-University Jena; ²Department of General Psychology, Friedrich Schiller University Jena, Person Perception Research Unit, Friedrich-Schiller-University Jena
- 15:15 Pupillary responses to perceived facial attractiveness**
Stefan R. Schweinberger¹, Helene Kreysa¹, Lisa Blatz¹ & Gillian Rhodes²
¹DFG Research Unit Person Perception, Friedrich Schiller University Jena; ²University of Western Australia
- 15:30 Retinotopic priors for eyes and mouth in face perception and face sensitive cortex**
Benjamin de Haas¹, D. Samuel Schwarzkopf², Ivan Alvarez³, Linda Henriksson⁴, Nikolaus Kriegeskorte⁵ & Geraint Rees⁶
¹Institute of Cognitive Neuroscience & Wellcome Trust Center for Neuroimaging & Division of Psychology and Language Sciences, University College London; ²Division of Psychology and Language Sciences, University College London; ³Institute of Child Health, University College London; ⁴Brain Research Unit, O.V. Lounasmaa Laboratory, Aalto University; ⁵Cognition and Brain Sciences Unit, Medical Research Council Cambridge; ⁶Institute of Cognitive Neuroscience & Wellcome Trust Center for Neuroimaging, University College London
- 15:45 Interhemispheric recruitment in the face perception network**
Stefan Frässle, Frieder M. Paulus, Sören Krach & Andreas Jansen
Section Brain Imaging, Department of Psychiatry and Psychotherapy, Philipps-University Marburg

- 16:00 Person-recognition and the brain: Merging evidence from patients and healthy individuals**
Helen Blank¹, Nuri Wieland² & Katharina von Kriegstein³
¹Max Planck Institute for Human Cognitive and Brain Sciences Leipzig, MRC Cognition and Brain Sciences Unit Cambridge; ²Heinrich-Heine University Düsseldorf; ³Max Planck Institute for Human Cognitive and Brain Sciences Leipzig, Humboldt University of Berlin
- 16:15 Fusiform Face Area in Chess Expertise**
Merim Bilalic
Alpen-Adria University Klagenfurt, Tübingen University

Talk session

Economy

-
- B9** Daniela Lohaus
- 15:00 Hammock or rat race? The unconditional income from a psychological perspective.**
Jane Hergert¹ & Anja Heimes²
¹LG Arbeits- und Organisationspsychologie, FernUniversität in Hagen; ²FernUniversität in Hagen
- 15:15 Adaptive Consumer Judgments – Comparing Exemplar Against Rule-based Strategies**
Benjamin Scheibehenne, Bettina von Helversen & Jörg Rieskamp
University of Basel
- 15:30 Smartphones Equal Peacock Tails: Conspicuous Consumption of Mobile Devices as Men's Sexual Signal of Short-Term Mating Intentions**
Christine Hennighausen & Frank Schwab
University of Würzburg, Institut Mensch-Computer-Medien, Department of Media Psychology
- 15:45 Attraktivität von Unternehmen: Symbolische Merkmale sind wichtiger als instrumenteller Nutzen**
Daniela Lohaus & Christian Rietz
Hochschule für Technik Stuttgart
- 16:00 Vividness of Mental Imagery as a Moderator for Discrepancies between Conveyed and Perceived Brand Personality**
Günter Molz & Oliver Spitzer
Bergische Universität Wuppertal

Talk session

Motivation

-
- E6** Stefan Scherbaum
- 15:00 The differential influence of positive affect, random reward, and performance-contingent reward on cognitive control**
Kerstin Fröber & Gesine Dreisbach
Department of Experimental Psychology, Regensburg University
- 15:15 A dynamical systems perspective on delay discounting: choice movements, sequential effects and modelling**
Stefan Scherbaum, Maja Dshemuchadse, Simon Frisch & Thomas Goschke
Department of Psychology Technische Universität Dresden
- 15:30 Magnitude of motivation can be influenced by subliminal priming**
Fabian Steinberg¹, Otmar Bock² & Sebastian Dern²
¹Institute of Sport Science, Johannes Gutenberg University Mainz; ²Institute of Physiology and Anatomy, German Sport University Cologne

Talks, Wednesday, 15:00 - 16:30

- 15:45 **Effects of social rejection on reaction times for evaluating positive and negative stimuli—A diffusion model analysis**
Andreas B. Neubauer & Andreas Voß
Department of Psychology, University of Heidelberg
- 16:00 **Why do people smile? – Testing the taxonomy of smiling according to the Zurich model of social motivation.**
Carla Gommel, Verena Wurmstein, Felix Schönbrodt & Michael Zehetleitner
Department of Psychology, Ludwig-Maximilians-University Munich
- 16:15 **Sex vs. Food: The reaction of the autonomic nervous system in case of conflict of goals**
Annegret Börner & Christian Kaernbach
Department of General Psychology, Christian-Albrechts-Universität Kiel

Symposium

Gaining insight into the inside? Can introspection help to grasp the processes underlying non-conscious decisions?

-
- F5** Kirsten G. Volz & Laura F. Mega
- 15:00 **Empirical evidence in favor of a default-disruptive model.**
Kirsten G. Volz
Center for Integrative Neuroscience, University Tübingen
- 15:15 **The Paradox of Introspection: Evidence against the Default Interventionist Model**
Laura F. Mega
Centre for Integrative Neuroscience Tübingen
- 15:30 **Pluralism about Introspection: Combining Reasoning with Perception**
Kateryna Samoilova
Centre for Integrative Neuroscience, University of Tübingen
- 15:45 **Think aloud protocol data inform cognitive processes of the framing effect**
Katharina Brecht¹ & Sebastian Olschewski²
¹University of Tübingen; ²Center for Integrative Neuroscience, University Tübingen
- 16:00 **Using self-reports to grasp the phenomenology of insight problem solving**
Amory H. Danek
Division of Neurobiology, Department Biology II, Ludwig-Maximilians-Universität München

Author index

- Abdel Rahman, R., 31, 44
 Abel, C., 57
 Abel, M., 24
 Albrecht, T., 46, 61
 Alle, C., 40
 Altbäcker, A., 60
 Alvarez, I., 82
 Alves, H., 55
 Anderl, C., 32, 33, 73
 Ansorge, U., 21, 51, 69
 Ariani, G., 21
 Arias, M.G., 82
 Arndt, J., 74
 Arnold, N.R., 60
 Artinger, F., 66
 Ascherman, Z., 61
 Aschersleben, G., 80
 Aslan, A., 60
 Aßfalg, A., 30
 Atkinson, J., 67
 Baak, B., 52
 Bacher, P., 61
 Backhaus, N., 24, 29
 Badde, S., 69
 Balsters, J.H., 26
 Bär, N., 24
 Baranowski, A.M., 58
 Barke, A., 52
 Bartels, A., 69
 Bastian, J., 55
 Baumann, M., 31, 42
 Baumgartner, E., 63
 Bäuml, K.T., 24, 61
 Bavelier, D., 19
 Bayen, U.J., 60
 Beauducel, A., 65
 Beck, S., 77
 Becker, C., 35
 Becker, T., 36
 Becker-Asano, C., 60
 Beckmann, J., 45
 Beets, I., 26
 Belardinelli, A., 80
 Belin, P., 44
 Belke, E., 31, 68, 77
 Bell, R., 30, 67, 81
 Beller, S., 53
 Benson, S., 27
 Benwell, C., 46
 Bergmann Tiest, W.M., 63
 Bergmann, K., 46
 Berking, M., 70
 Bermeitinger, C., 39
 Berndt, E., 77
 Berndt, M., 46, 61
 Bernstein, D.M., 30
 Berti, S., 22, 33
 Berwe, T., 77
 Beste, C., 39
 Bestelmeyer, P., 44
 Beurskens, R., 26
 Beutel, M.E., 52
 Bianco, R., 78
 Biener, C., 66
 Bilalic, M., 83
 Billino, J., 26, 78
 Bingel, U., 27
 Birkenbusch, J., 63
 Bischoff, M., 39
 Bittrich, K., 22
 Blank, H., 83
 Blankenberger, S., 22
 Blatz, L., 82
 Bledowski, C., 49
 Bleek, B., 67
 Blum, K., 48
 Bock, O., 26, 52, 83
 Bogon, J., 46
 Bohn, C., 45
 Boll, S., 29
 Bollmann, S., 55
 Bölte, J., 31
 Born, J., 59
 Börner, A., 84
 Bosau, C., 70
 Bosse, S., 32
 Botros, C., 56
 Boywitt, C.D., 38
 Braddick, O., 67
 Brand, M., 52, 59, 82
 Brandenburg, S., 24, 29
 Brandes, J., 69
 Brandt, M., 37, 50
 Brandt, S.A., 33, 57
 Brauner, C., 77
 Brecht, K., 84

Author index

- Bremer, A., 46
Brockhaus, W.R., 40
Brockhoff, A., 34
Bröder, A., 22, 24
Bruchmann, M., 35, 62, 71
Bruening, J., 33, 57
Bruns, P., 66
Brunstein, A., 70
Bublak, P., 57
Buchner, A., 30, 67, 81
Buld, S., 67
Bülthoff, H.H., 48, 67
Bundesen, C., 69
Bunge, A., 23
Burghardt, J., 24
Bürglen, J., 58
Busch, N., 69, 70
Butterwegge, P., 42
Butz, M.V., 80
Caillies, S., 81
Cajar, A., 53
Calder, A., 56
Caramazza, A., 79
Carminati, M.N., 25
Carrito, M., 56
Cassanello, C.R., 47
Castela, M., 47
Chiller-Glaus, S., 22
Cholewiak, S.A., 41, 76
Christmann, C.A., 22
Chuang, L.L., 66, 67
Cichecki, P., 34
Cieslik, E.C., 36, 57
Coetzee, V., 56
Cohors-Fresenborg, E., 21
Colgate, J., 63
Colzato, L.S., 39, 72
Conradi, N., 57
Cornelsen, S., 78
Coxon, J., 26
Credé, S., 60
Cröll, J., 74
Crombez, G., 65
Cross-Villasana, F., 45
Csatho, A., 37
Currie, D., 30
Cymek, D.H., 36, 58
Czernik, E., 58
Czernochowski, D., 67
Dahm, S., 71
Dalal, S.S., 71
Danek, A.H., 84
Darnai, G., 60
de Dreu, C., 73
de Haas, B., 45, 82
De Houwer, J., 37, 38
de la Vega, I., 77, 78
de Ruiter, J.P., 76
De Simoni, C., 44
Debey, E., 65
Declerck, M., 34, 44
DeLucia, P., 72
Dern, S., 83
Destan, N., 81
Diedenhofen, B., 48
Diederich, A., 53
Diefenbach, S., 29
Diekelmann, S., 59
Diestel, S., 68
Dignath, D., 21, 46
Dimov, C.M., 47
Dittrich, K., 40
Djurica, D., 29
Dobel, C., 25, 31
Donner, E., 48
Doppelmayr, M., 36, 45
Dorrough, A., 56, 76
Draschkow, D., 23
Dreisbach, G., 27, 46, 83
Drewes, J., 35, 71
Drewing, K., 63
Drewitz, U., 42
Dshemuchadse, M., 36, 83
Du, X., 35
Dudschig, C., 77, 78
Duka, D., 52
Dummel, S., 59
Dyrholm, M., 57
Dzhelyova, M., 56
Dziobek, I., 41
Eberhardt, K., 40, 74
Ebert, I., 76
Eder, A.B., 46
Eggert, F., 75
Egloff, B., 59
Eichberg, S., 40
Eickhoff, S.B., 33, 36, 57, 71
Ellermeier, W., 22, 63
Ellis, A.W., 30
Eloka, O., 37
Elsenbruch, S., 27
El-Sourani, N., 78

- Emmerdinger, K.J., 60
End, A., 35
Enders, F., 36
Engbert, R., 28, 53
Engel, A.K., 63
Engelmann, T., 76
Englert, J.V., 60
Ennis, R., 76
Erdfelder, E., 22, 43, 47
Ernst, J., 31, 77
Ernstberger, A., 48
Eschen, A., 40
Esser, S., 74
Ethofer, T., 25
Ettlin, F., 22
Ewbank, M., 56
Eyben, F., 29
F. Mega, L., 84
Fabi, W., 50
Faerber, S.J., 35
Falkenberg, C., 76
Falkenstein, M., 40, 57
Fasold, F., 58
Faul, F., 76
Fechner, H.B., 28
Fehr, E., 41
Feldmann-Wüstefeld, T., 69, 74
Felnhofer, A., 67
Festl, F., 38, 57, 79
Fett, A.J., 58
Fiedler, K., 28
Fiedler, S., 65, 73
Fiehler, K., 21, 28, 64, 69
Figner, B., 82
Fimm, B., 55
Fincher, C., 56
Finke, K., 40
Fischer, R., 21, 27, 61
Fisher, C., 56
Flad, N., 67
Flaisch, T., 25
Fleischhut, N., 66
Fleming, R., 41
Fleming, R.W., 41, 62, 76, 78
Floß-Löwenkamp, C., 37, 64, 79
Foerster, A., 59
Foerster, R.M., 53, 54
Förderer, S., 73
Forkmann, K., 27
Form, S., 72
Forster, M., 50
Foster, R.M., 79
Fraessle, S., 55
Frank, M., 65
Frankenstein, J., 60
Franz, V.H., 37, 62, 64, 79
Frässle, S., 58, 82
Frey, R., 81, 82
Friederici, A., 78
Frieg, C., 40
Frieze, U., 63
Frings, C., 24, 51, 58, 59, 64, 65, 66, 71
Frisch, S., 36, 57, 83
Fröber, K., 83
Froehlich, E., 77
Fuchs-Leitner, I., 51
Furley, P., 46
Furtner, M.R., 36
Gacs, B., 37
Gade, E., 75
Gade, M., 44
Gaertner, W., 64
Gail, A., 21
Gaissmaier, W., 65
Gajda, K., 36
Gajewski, P., 40
Gamer, M., 29, 65
Gamp, M., 68
Gao, X., 37
Garrido-Vásquez, P., 21
Garsoffky, B., 37
Gaschler, R., 34, 35, 43
Gaser, C., 57
Gast, A., 42, 74
Gast, P., 67
Gatzsche, A., 78
Gavoille, C.J., 81
Gazzo Castaneda, L.E., 73
Gebhardt, H., 77
Gegenfurtner, K.R., 28, 63, 76, 78
Gehlert, T., 42, 55
Geipel, A., 71
Gerjets, P., 49
Gertz, H., 21
Gervain, J., 67
Getzmann, S., 57
Ghose, T., 41, 53, 62
Giang, T., 67
Gibbons, H., 56, 72
Giesemann, S., 55
Giesen, C., 45
Gilchrist, I.D., 37

Author index

- Glanemann, R., 31
Glöckner, A., 22, 56, 65, 73, 76
Godau, C., 34
Godde, B., 80
Goeke, C.M., 60
Goetz, F.J., 76
Goller, F., 69
Gollwitzer, M., 30
Golz, M., 29
Gommel, C., 84
Gondan, M., 55
Goodale, M.A., 20
Gooijers, J., 26
Goschke, T., 36, 61, 83
Göschl, F., 63
Gottschalk, C., 27
Gramann, K., 60
Gramsch, C., 27
Greenlee, M.W., 71
Grefkes, C., 33
Gregorzek, M., 70
Grimmel, V., 37
Gromer, D., 67
Gronau, Q.F., 61
Grosbras, M., 44
Gross, A.M., 24
Gross, I., 74
Gruber, T., 61
Grundgeiger, T., 61
Grzegorzek, M., 29
Güldenpenning, I., 58
Günther, F., 77
Günther, T., 74
Haaf, J., 73, 74
Haager, J.S., 24, 32
Habel, U., 62
Haberkamp, A., 64
Haese, A., 67
Haffke, P., 59
Hagemann, D., 46
Hahn, A., 56
Hahn, T., 32, 33, 73
Hahn, U., 47
Haider, H., 34, 74, 79
Haiduk, M., 32, 75, 76
Halfmann, M., 74
Hamacher-Dang, T.C., 73, 74
Hamburger, K., 48, 60, 63
Hanig, M., 55
Hansen, S.M., 34
Hanslmayr, S., 71
Hardiess, G., 33, 59
Harth, N., 56
Harvey, M., 46
Hasselhorn, J., 75
Hauck, P.S., 63
Hayn-Leichsenring, G.U., 72, 82
He, Y., 77
Hebbelmann, D., 28
Hechler, S., 73
Hecht, H., 32, 58, 62, 63
Heed, T., 69
Heekeren, H.R., 41, 77
Hegele, M., 26
Heider, N., 37
Heimes, A., 83
Hein, E., 38
Heinz, A., 40
Heinz, S., 24
Heinzel, S., 40
Hellmann, M.D., 76
Helm, F., 45, 78
Helmert, J.R., 23, 66
Helmich, I., 26
Hemmerich, W., 63
Henkel, L.A., 61
Hennighausen, C., 83
Henning, A., 80
Henninger, F., 50, 65
Hennrichs, J., 37
Henriksson, L., 82
Henz, D., 36, 57
Heppe, H., 45
Heppner, H., 72
Herbert, C., 25
Herbort, O., 80
Hergert, J., 83
Herholz, P., 58
Hermann, A., 74, 75
Hermens, F., 53
Herpers, R., 45
Herrmann, A., 65
Hertrich, I., 77
Hertwig, R., 22, 30, 66, 81
Herwig, A., 37, 53
Hesse, C., 64
Het, S., 32
Heuer, A., 37
Heuer, H., 26, 36
Hilbig, B.E., 50, 65, 66
Hillairet de Boisferon, A., 67
Hills, T.T., 30

- Himmelbach, M., 21, 64, 78
 Hinterecker, T., 60
 Hintz, A., 64
 Hintz, F., 23
 Hintze, P., 64
 Hipp, L., 56
 Hoffmann, J.A., 43
 Hoffmann, S., 79
 Hoffstaedter, F., 71
 Höfler, M., 37
 Höflich, A., 51
 Högden, F., 74
 Hölscher, C., 60
 Hommel, B., 39, 72
 Horbach, J., 74
 Horn, M., 32, 75, 76
 Horstmann, G., 28
 Hossner, E., 28
 Hsu, C., 70
 Huber-Huber, C., 21, 51
 Hübner, R., 58, 59
 Huckauf, A., 32, 66, 73
 Huestegge, L., 26, 48
 Huettig, F., 23
 Huff, M., 34, 41, 49, 52
 Hughes, C.M., 80
 Hurtienne, J., 24
 Ilg, U., 26
 Irlbacher, K., 33, 57
 Isberner, M., 77
 Ischebeck, A., 37, 55
 Itz, M.L., 35
 Jacobsen, T., 40, 72
 Jäger, G., 77
 Jagiellowicz, M., 55
 Jahn, G., 21, 34, 75
 Janczyk, M., 26, 27
 Janetzko, D., 37
 Jansen, A., 55, 58, 82
 Janssen, D.H., 61
 Janssen, F., 72
 Janszky, J., 60
 Janzen, G., 43
 Jarvstad, A., 47
 Jekel, M., 22
 Jeromin, F., 52
 Jescheniak, J.D., 31
 Jones, B., 56
 Jorschick, A.B., 76
 Josef, A., 66
 Josephs, E.L., 23
 Jost, K., 28, 34, 49
 Jovanovic, B., 51
 Kadel, H., 74
 Kaernbach, C., 22, 51, 65, 72, 84
 Kahnt, T., 41
 Kaiser, D., 37
 Kaiser, J., 49, 57
 Kalicinski, M., 34
 Kämmer, J.E., 65
 Kandrik, M., 56
 Kao, C., 37, 62
 Kapser, V., 36
 Karádi, K., 60, 61
 Karaś, A., 51
 Karbach, J., 40
 Kaspar, K., 23, 59
 Kassecker, A., 32
 Kaßecker, A., 33
 Kater, M., 61
 Kathmann, N., 40, 57
 Kattner, F., 63
 Katzberg, D., 77
 Kauffeld, S., 70
 Kaufmann, C., 57
 Kaufmann, J.M., 35
 Kaul, R., 42
 Kaup, B., 77, 78
 Kazazi, J., 48
 Keck, T., 75
 Kehrer, S., 33, 57
 Kell, C., 57
 Kellen, D., 47, 53, 61
 Keller, P., 78
 Kellermann, T., 62
 Kellermann, T.S., 33
 Kempe, M., 23, 34
 Kersten, S., 40
 Kerzel, D., 47, 51, 52
 Keshavarz, B., 63
 Kessler, T., 56, 73
 Keuper, K., 25
 Khader, P.H., 28
 Khemlani, S., 53
 Kiefer, M., 51
 Kielar, A., 44
 Kiesel, A., 21, 46, 51
 Kieslich, P.J., 50, 66
 Kim, J.S., 65
 Kinatader, M., 67
 Kindermann, S., 78
 Kinner, V.L., 32

Author index

- Kircher, T., 66, 77
Kirsch, W., 78
Kirschbaum, C., 61
Kirsten, M., 77
Kissler, J., 25
Kizilirmak, J.M., 72
Klatzky, R.L., 63
Klauer, K.C., 40, 53, 61
Klaus, J., 31
Kleinholdermann, U., 78
Kleinsorge, T., 68, 79
Kliemann, D., 41
Klöckner-Nowotny, F., 72
Klonek, F., 70
Klostermann, A., 28
Klucken, T., 73, 74
Kluckow, S., 57
Kluger, D., 78
Knauff, M., 73
Knieps, M., 65
Knoeferle, P., 25
Knoop, C., 72
Knopf, M., 74
Kobald, S.O., 68
Koch, A., 55
Koch, I., 27, 34, 44, 78, 80
Koch, S.P., 57
Koester, D., 78, 80
Kohl, P., 38
Kohler, A., 45
Kohn, N., 29, 30
Kolb, L., 42
Kollei, T., 50, 69
Komoly, S., 61
König, P., 60
Kopiske, K.K., 37
Koranyi, N., 30
Korn, C.W., 41
Körner, C., 37
Kornpetpanee, S., 60
Koschutnig, K., 55
Köster, M., 60, 61, 67
Kothgassner, O.D., 67
Kovács, N., 61
Kozlov, M.D., 76
Krabbenhöft, M., 72
Krach, S., 55, 82
Kraft, A., 33, 57
Krajewski, J., 29, 70
Krause, J., 76
Kredel, R., 28
Krefeld, A., 30
Kreinbacher, C., 45
Kreitz, C., 46
Krems, J.F., 55, 75
Kress, L., 74
Kreutzfeldt, M., 78, 80
Kreysa, H., 82
Kriebler, M., 37
Kriegeskorte, N., 82
Kröner-Herwig, B., 52
Krüger, B., 39, 45
Kruse, O., 74
Kubicek, C., 67
Kubik, V., 74
Kuhbandner, C., 24, 32, 49, 60
Kuhn, L.K., 34
Kühn, M., 55
Kühn, S., 33
Kuhr, C., 58
Kuhrt, D., 33
Kulke, L.V., 67
Kunde, W., 46, 50, 51, 59, 78
Kunsberg, B., 41
Küper, K., 40
Kurth, F., 33
La Rosée, L., 41
Labrell, F., 81
Lachmann, T., 22
Laeger, I., 25
Laier, C., 52
Lancier, S., 74
Landmann, A., 66
Langner, O., 32, 37, 82
Langner, R., 33, 36, 57
Lanzenberger, R., 51
Laubrock, J., 53
Lawo, V., 80
Le Rose, C., 51
Learmonth, G., 46
Leder, H., 50
Lefevre, C. E., 56
Lefevre, C.E., 56
Lehmann, A., 75
Lejarraga, T., 81
Lemhöfer, K., 31
Lerche, V., 55
Lethaus, F., 42
Leue, A., 65
Lewald, J., 57
Lewandowsky, S., 53
Leymann, S., 60

- Lezkan, A., 63
 Li, Y., 35
 Liefoghe, B., 38
 Liegel, N., 51
 Lin, H., 53
 Lindner, A., 21
 Lindner, I., 61
 Lingnau, A., 21, 39
 Linxen, S., 24
 Linzer, J., 61
 Little, A., 56
 Lobinger, B.H., 34
 Löblich, P.A., 32
 Loevenbruck, H., 67
 Löffler, D., 24
 Lohaus, D., 83
 Lorenz, R.C., 40
 Lorenzen, J., 22
 Lucza, T., 60
 Lukas, S.E., 32, 73
 Luna-Rodriguez, A., 40
 Luttmann, S., 35
 Mack, D.J., 26
 Mack, W., 74
 Mädebach, A., 31
 Maiworm, M., 66
 Malejka, S., 62
 Malesza, M., 75
 Mallon, B., 72
 Mallot, H.A., 33, 59, 74
 Mandal, S., 62
 Manuel, S.G., 63
 Manzey, D., 27
 Manzini, G., 55
 Marewski, J.N., 47
 Markett, S., 67
 Martin, J.A., 21, 64
 Martini, M., 36, 59
 Massing, M., 23
 Mast, F., 65
 Mata, R., 81
 Matern, C., 32
 Mattler, U., 46, 61, 64
 Mauger, E., 56
 Maurer, A., 52
 May, M., 36
 Mayer, J., 33
 Mayr, S., 81
 Mayr, U., 49
 Mazzarella, J.E., 76
 McNally, R., 70
 Medendorp, P., 69
 Mega, L.F., 84
 Meier, B., 51
 Meier, C., 31
 Meilinger, T., 48, 49
 Meinhardt-Injac, B., 33
 Meir Drexler, S., 74
 Meissner, F., 48
 Meixner, J., 32, 43
 Melcher, D., 71
 Meltzer, J., 44
 Memmert, D., 46, 58, 71
 Menninghaus, W., 72
 Menzel, C., 82
 Merz, C.J., 73, 74
 Merz, S., 65
 Meyer, A.S., 23
 Meyer, J., 71
 Meyer, M.M., 30
 Meyerhoff, H.S., 66
 Michael, L., 37
 Michalkiewicz, M., 22
 Michel, E., 34
 Mierke, K., 58
 Mieth, L., 30
 Mikóczy, Z., 61
 Milojevich, Z., 76
 Minge, M., 29, 58
 Mischkowski, D., 73
 Möckel, T., 39, 72
 Moehler, T., 28
 Moeller, B., 51
 Mohr, P.N., 41
 Molitor, S., 34
 Möller, M., 81
 Molz, G., 83
 Montag, C., 67
 Morizot, F., 56
 Möschl, M., 61
 Moses, R., 53
 Mueller, M., 27
 Mueller, S., 69
 Mühlberger, A., 67
 Müller, B.C., 81
 Müller, K., 52
 Müller, M., 67
 Müller, S., 69
 Müller, V., 36
 Müller, V.I., 57
 Mund, I., 67
 Munzert, J., 39, 45, 78

Author index

- Mura, K., 41
Murayama, K., 60
Musch, J., 48
Müsseler, J., 36, 78, 79
Mustafic, M., 59
Nagels, A., 77
Nägler, L.A., 56
Naujoks, F., 42
Naumann, T., 39
Nestler, S., 59
Nett, N., 37, 59
Neubauer, A.B., 84
Neuf, H., 63
Neukum, A., 42
Neyer, F.J., 73
Niedlich, C., 76
Nieuwenhuizen, F.M., 67
Niven, K., 68
Noël, B., 71
Noguchi, T., 47
Notebaert, K.H., 32, 33, 73
Nöth, E., 70
Novembre, G., 78
Novikova, K.O., 68
Nyenhis, N., 52
Oberauer, K., 53
Oberfeld, D., 32, 33, 62, 72
Obermeyer, S., 34
Oganian, Y., 41, 77
Ohl, S., 47, 53
Ohla, K., 66
Olschewski, S., 66, 84
O'Malley, M., 48
Oppermann, F., 31, 44
Opwis, M., 29
Oranc, C., 43
Orsi, G., 60
Osinsky, R., 28
Oswald, M.E., 30, 75
Öttl, B., 77
Pachur, T., 22, 28, 47, 53, 65, 81, 82
Panamsky, L., 44
Pannasch, S., 66
Panzer, S., 23
Pape, S., 43
Papenmeier, F., 34, 49
Pappert, S., 31
Park, S.Q., 41
Partetzke, T., 37
Pascalis, O., 67
Pauli, P., 67
Paulun, V.C., 62, 78
Paulus, F.M., 55, 82
Pechmann, T., 31
Pedersen, A., 82
Pedroni, A., 81, 82
Peelen, M.V., 37
Pekrun, R., 32
Pelka, J., 41
Penke, L., 56
Perlaki, G., 60
Perret, D. I., 56
Perrett, D.I., 56
Persike, M., 33
Peshkin, M.A., 63
Peters, B., 49
Petersen, A., 69
Petersen, N., 41
Peth, J., 65
Petzoldt, T., 55
Pfeiffer, T.J., 34
Pfister, R., 46, 50, 59, 80
Philipp, A.M., 44, 78
Phillips, F., 76
Pieczkolan, A., 26
Piest, B.A., 77
Pilgramm, S., 39, 45
Pipa, G., 23
Plessow, F., 21, 61
Plózer, E., 60
Pohl, C., 51
Porcheron, A., 56
Poth, C.H., 69
Pramme, L., 58
Puls, K., 36
Puls, S., 37
Puskaric, M., 43
Quantmeyer de Polack, S., 48
Quigley, C., 58
Ragni, M., 53, 75
Rahm, B., 49
Rand, M.K., 79
Rapp, M.A., 40
Rauwald, P., 72
Re, D. E., 56
Rebitschek, F.G., 75
Redel, P., 40
Redies, C., 72, 82
Rees, G., 82
Reese, S., 34
Reichenbach, J., 57
Reimer, C., 26

- Rein, R., 26
 Reindl, A., 35
 Reinhard, R., 72
 Reissland, J., 27
 Renner, B., 68
 Renner, R.S., 66
 Rentsch, S., 79
 Reuss, H., 51
 Reuter, E., 80
 Reuter, M., 67
 Revelles, F., 60
 Rey-Mermet, A., 51
 Rhodes, G., 82
 Richardson-Klavehn, A., 72
 Richter, D., 70
 Richter, T., 77
 Riedlsperger, B., 59
 Rieger, M., 45, 71
 Rieskamp, J., 28, 43, 81, 82, 83
 Riest, C., 76
 Rietz, C., 83
 Ring, P., 65
 Rinkenauer, G., 46
 Risse, S., 54
 Ristau, M., 72
 Ritter, A., 27
 Ritter, C., 27
 Roberts, C., 56
 Röder, B., 66, 69
 Roeber, U., 71
 Roebbers, C.M., 81
 Roelen, D., 70
 Roepke, S., 41
 Röer, J.P., 24, 81
 Roettger, E., 79
 Rohr, L., 44
 Röhrich, W.G., 33
 Rolfs, M., 47, 53
 Rolke, B., 38, 57, 77, 79
 Rom, S.C., 50
 Rosar, P., 36
 Rosenblau, G., 41
 Rosenbruch, A., 61
 Röser, A., 33
 Röser, F., 48, 60
 Rothermund, K., 30, 37, 45
 Rötting, M., 36
 Rottschy, C., 36, 57
 Ruff, S., 36
 Rüller, M., 24
 Rummel, J., 38, 42, 59
 Rupprecht, J.C., 61
 Rupprecht, S., 57
 Rushton, S.K., 47
 Russell, R., 56
 Sachse, P., 36, 59
 Sack, O., 79
 Salminen, T., 33, 40
 Sammler, D., 44, 78
 Samoilova, K., 84
 Sander, M., 59
 Sandhagen, P., 34
 Sarwary, A., 69
 Saxl, K., 45
 Schächinger, H., 58
 Schack, T., 58, 71, 80
 Schade, H.M., 56
 Schäffner, S., 78
 Schaich, A., 34
 Schankin, A., 46
 Schaper, P., 61
 Scharinger, C., 49
 Scharke, W., 74
 Scheer, M., 67
 Scheibehenne, B., 29, 83
 Scheil, J., 68, 79
 Scheiter, K., 74
 Schelske, Y.T., 62
 Schenk, C., 61
 Schenk, T., 48, 64
 Scherbaum, S., 36, 83
 Schiebener, J., 59, 81, 82
 Schiller, F., 37, 76
 Schindler, A., 69
 Schindler, S., 25
 Schlag, B., 42
 Schleinitz, K., 55
 Schlickeiser, U., 77
 Schlittenlacher, J., 22
 Schlittmeier, S.J., 24
 Schloßmacher, I., 62
 Schlüter, N., 76
 Schmid, J., 27
 Schmidt, A., 73
 Schmidt, F., 38, 51, 64
 Schmidt, J., 24
 Schmidt, K., 27
 Schmidt, T., 38, 51, 64
 Schmidt-Kassow, M., 57
 Schmitz, M., 55
 Schneider, D., 75
 Schneider, F., 33, 62

Author index

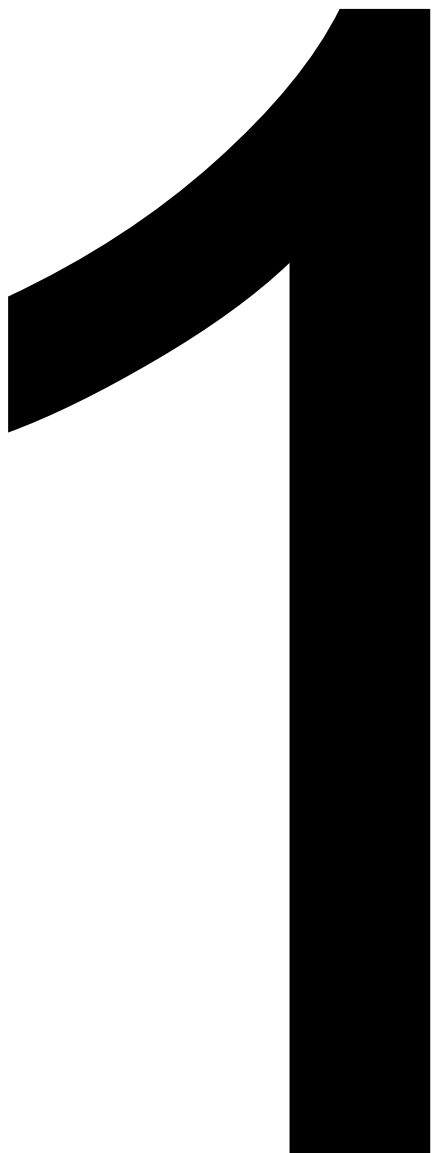
- Schneider, K.K., 71
Schneider, S., 45
Schneider, W., 34
Schneider, W.X., 37, 53, 54, 69
Schnieder, S., 29, 70
Schnuerch, R., 56, 72
Scholl, B.J., 66
Scholle, R., 62
Schöllhorn, W.I., 36, 57
Scholtz, G., 35
Scholz, A., 28
Schönbrodt, F., 32, 84
Schooler, L.J., 28, 47
Schote-Frese, A., 71
Schöttl, D., 42
Schreckenbach, F., 30
Schriefers, H., 31
Schubach, M., 64
Schubert, A., 46
Schubert, T., 26, 33, 35, 40, 43
Schubö, A., 21, 37, 69, 74
Schubotz, R.I., 78
Schüler, A., 74
Schuller, B., 29
Schulte-Mecklenbeck, M., 22
Schultz, K., 72
Schulz, C., 35
Schulz, J., 23
Schürmann, O., 81
Schuster, V., 58
Schütt, H.H., 62
Schütz, A.C., 47
Schütz, C., 71, 80
Schütz, I., 64
Schwab, F., 83
Schwab, M., 57
Schwager, S., 30
Schwan, S., 37
Schwarz, K., 50
Schwarze, A., 75, 76
Schwarzer, G., 51, 67
Schwarzkopf, D., 82
Schwarzkopp, T., 34
Schweckendiek, J., 73, 74
Schweinberger, S.R., 22, 35, 82
Schwenke, S.N., 75
Seegelke, C., 80
Seger, S.J., 55
Seibold, V.C., 38, 57, 79
Seid-Fatemi, A., 41
Selen, L., 69
Settke, E., 76
Shelepin, Y., 68
Shevchenko, Y., 29
Shoshina, I.I., 68
Simons, D.J., 46
Singmann, H., 47, 53, 61
Sinke, C., 27
Skottke, E., 48
Skulmowski, A., 23
Slump, T., 58
Snagowski, J., 52
Söllner, A., 22
Sommer, D., 29
Souto, D., 47
Spachtholz, P., 49
Speekenbrink, M., 62
Spence, C., 65, 66
Spiertz, A., 48
Spitzer, O., 83
Spröte, P., 41
Spruyt, A., 37
Stahl, C., 73
Stahnke, R., 75
Stappert, S., 70
Starcke, K., 82
Stark, R., 39, 73, 74, 75
Steffens, M., 76
Stein, T., 37
Steinberg, F., 52, 83
Steines, M., 77
Steingroever, H., 47
Steinhauser, M., 50
Steinicke, F., 67
Steinlein, E., 53, 75
Stelzel, C., 43
Stelzer, R.H., 66
Stelzmann, D., 32
Stephan, D.N., 27, 44, 80
Steppacher, I., 25
Sternkopf, M.A., 33
Steup, M., 55
Stewart, N., 47
Stielow, A., 68
Stöckigt, G., 59
Straube, B., 66, 77
Stricker, J., 37
Strickrodt, M., 60
Strie, M., 52
Strobach, T., 26, 35, 40
Strobl, L., 70
Strozyk, J.V., 78

- Sturm, W., 80
 Suchotzki, K., 65
 Sülzenbrück, S., 36
 Sutter, C., 79
 Suzuki, T., 62
 Sweda, J.R., 56
 Swinnen, S.P., 26
 Taesler, P., 79
 Takahashi, T., 75
 Tännny, P., 57
 Teckentrup, V., 32, 33
 Tempel, T., 24
 Thaler, K., 35, 71
 Thier, P., 47
 Thomas, M., 34
 Thomaschke, R., 46
 Thüring, M., 24, 29, 58
 Thut, G., 46
 Tibboel, H., 38
 Tiemann, S., 77
 Tiggelbeck, J.A., 36, 79
 Titt, R., 70
 Tobler, P., 41
 Toscani, M., 42
 Trampnau, S., 34
 Trautmann-Lengsfeld, S., 56
 Treffenstädt, C., 48
 Treue, S., 58
 Trotzke, P., 82
 Truffino, J.C., 82
 Trukenbrod, H.A., 28
 Trumpp, N.M., 51
 Tsalas, N., 81
 Tucciarelli, R., 39
 Turella, L., 39
 Ulshöfer, C.T., 75
 Umbach, V., 32
 Undorf, M., 43
 Ungruh, S., 29
 Unkelbach, C., 24, 50, 55
 Utz, K.S., 64
 Vaitl, D., 74
 Valsecchi, M., 28
 van Assen, J.R., 62
 van der Kamp, J., 71
 van der Linden, D., 37
 van Ekert, J., 43
 van Haag, M., 37
 van Oorsouw, K., 65
 van Thriel, C., 68
 van Zoest, W., 52
 Vannuscorps, G., 79
 Vater, C., 38
 Velichkovsky, B.M., 23, 66
 Venjakob, A., 36
 Vennekötter, A., 59
 Verschuere, B., 65
 Vesper, C., 39
 Vieluf, S., 23, 80
 Villamisar, D.G., 82
 Villringer, A., 78
 Vo, M.L., 23
 Voelcker-Rehage, C., 80
 Vogel, M., 24
 Vogt, K., 56
 Vogt, T., 45
 Volberg, G., 22, 71
 Vollrath, M., 48
 Volz, K.G., 59, 66, 84
 von Bastian, C.C., 40
 von Castell, C., 32, 62
 von Eltz, M., 62
 von Helversen, B., 28, 29, 43, 82, 83
 von Kriegstein, K., 83
 von Stülpnagel, R., 60
 von Sydow, M., 28
 Voß, A., 84
 Voss, A., 50, 55, 59, 69
 Wagemans, J., 53
 Wagenmakers, E., 47
 Wagner, V., 72
 Walser, M., 61
 Walter, H., 43
 Wang, L., 36
 Warren, P.A., 47
 Wascher, E., 39, 68, 72
 Watanabe, K., 49
 Wattam-Bell, J., 67
 Weber, A., 51
 Weber, E., 36, 45
 Weber, L.A., 28
 Weber, P., 36
 Weber, S., 48
 Wegmann, E., 52
 Wegrzyn, M., 25
 Wehrum, S., 73, 74
 Weigelt, M., 71, 80
 Weinreich, A., 32, 43
 Weiser, H., 70
 Weiß, D., 76
 Weiß, K., 53
 Weisz, N., 39

Author index

Weller, G., 42
Wendt, J., 21
Wendt, M., 40
Wentura, D., 51, 60
Wernicke, M., 64
Wesslein, A., 66
Westerholz, J., 80
Westfall, J., 82
Wetzels, R., 47
Whitehead, R., 56
Wichmann, F.A., 61, 62
Wiebel, C., 63
Wieland, N., 83
Wiemann, P., 48
Wiggerich, A., 70
Wild, C., 76
Williams, M., 38
Willmes, K., 80
Wilms, L., 33
Wimber, M., 71
Windmann, S., 32, 33, 73
Winkler, S., 48
Winter, N.R., 33
Wirth, R., 50
Witte, O.W., 57
Wolf, C., 63
Wolf, K., 34
Wolf, O.T., 32, 73, 74
Wolfe, J.M., 19, 23
Wölfling, K., 52
Wolter, S., 78
Wrede, B., 77
Wrobel, N., 27
Wu, C., 37
Wühr, P., 58
Wulff, D.U., 30
Wunsch, K., 80
Wurm, M.F., 21, 39, 78
Wurmstein, V., 84
Wydell, T., 34
Xiao D., 56
Yang, F., 35
Yuras, G., 32, 73
Zander, T., 59
Zäske, R., 22
Zehetleitner, M., 84
Zelasny, A., 56
Zentgraf, K., 39, 45
Zhu, W., 35
Zijlstra, W., 40
Zilles, K., 33
Zimmer, U., 55
Zimmermann, E., 47
Zinkernagel, A., 70
Zovko, M., 51
Zucker, S.W., 41
Zwanzger, P., 25
Zwitserlood, P., 31

5



O

Buchtipps



Arndt Bröder

Versuchsplanung und experimentelles Praktikum

(Reihe: »Bachelorstudium Psychologie«)
2011, 293 Seiten,
€ 29,95 / CHF 39,90
ISBN 978-3-8017-2143-5

Der Band bietet eine kompakte Hilfestellung bei allen Schritten der Versuchsdurchführung. Er informiert zunächst über die Grundbegriffe und wissenschaftstheoretischen Grundlagen des Experimentierens. Anschließend werden die einzelnen Schritte zur Durchführung einer experimentellen Untersuchung, beginnend mit der Planung und der Erstellung eines Versuchsplans, der konkreten Durchführung des Experiments bis hin zur Analyse der Daten und der Erstellung eines Berichtes vermittelt.



Matthias Rudolf
Johannes Müller

Multivariate Verfahren

Eine praxisorientierte Einführung mit Anwendungsbeispielen in SPSS

2., überarb. u. erw. Aufl. 2012,
411 Seiten, € 36,95 / CHF 49,90
ISBN 978-3-8017-2403-0

Gut nachvollziehbar und anwendungsorientiert werden in diesem Buch multivariate Verfahren behandelt, die für die Auswertung empirischer Untersuchungen besonders wichtig sind. In jedem Kapitel werden zunächst die Grundlagen der Verfahren unter Verwendung kleiner Beispieldatensätze dargestellt. Anhand dieser Datensätze wird schrittweise die praktische Umsetzung der Verfahren in SPSS bzw. AMOS beschrieben. Neu aufgenommen wurden in der 2. Auflage die Diskriminanzanalyse, die Analyse von Moderator- bzw. Mediatoreffekten sowie eine Einführung in die Arbeit mit der SPSS-Syntax.

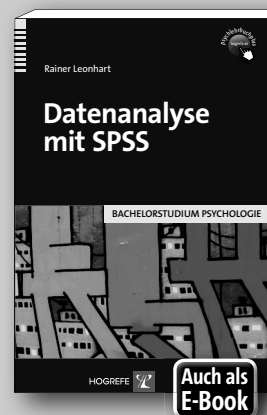


Hans-Werner Bierhoff
Franz Petermann

Forschungsmethoden der Psychologie

(Reihe: »Bachelorstudium Psychologie«)
2014, 406 Seiten,
€ 36,95 / CHF 49,90
ISBN 978-3-8017-2183-1

Das Ziel dieses Lehrbuches besteht darin, die Vielfalt der Forschungsmethoden der Psychologie in einem Überblick gut nachvollziehbar zu beschreiben und gleichzeitig für Probleme, die bei ihrer Verwendung auftreten, zu sensibilisieren. Methodische Fragen, die sich auf die psychologische Forschung beziehen, werden leicht verständlich beantwortet.



Rainer Leonhart

Datenanalyse mit SPSS

(Reihe: »Bachelorstudium Psychologie«)
2010, 252 Seiten,
€ 24,95 / CHF 35,50
ISBN 978-3-8017-2164-0

Das Buch liefert eine verständliche Einführung in die Datenanalyse mit SPSS. Es beschreibt die Bedienung der Programmoberfläche, die Erstellung eigener Datendateien, die Eingabe von Daten, die explorative Datenanalyse und die Erstellung von Grafiken, den Import und Export von Daten sowie die Ausgabe der Daten. Neben der deskriptiven Statistik werden die verschiedenen Verfahren der Inferenzstatistik aufgezeigt. Abgeschlossen wird das Buch mit zwei Kapiteln zur Testkonstruktion und zur Faktorenanalyse. Zahlreiche Übungen mit Beispieldatensätzen ermöglichen das schrittweise Kennenlernen von SPSS.

Mit zusätzlichen Materialien unter **psychlehrbuchplus!** Mehr unter **www.hogrefe.de!**



HOGREFE



Hogrefe Verlag GmbH & Co. KG

Merkelstraße 3 · 37085 Göttingen · Tel.: (0551) 99950-0 · Fax: -111
E-Mail: verlag@hogrefe.de · Internet: www.hogrefe.de