

CONTENTS

GENERAL INFORMATION .....4

MAPS.....8

PROGRAM INFORMATION ..... 11

SPECIAL EVENTS .....12

SPONSORS.....14

PROGRAM OVERVIEW .....17

DETAILED PROGRAM.....25

    Monday .....25

    Tuesday .....46

    Wednesday .....69

AUTHOR INDEX .....92





Dear Guests,

For the first time in history it is Mannheim's honour to welcome you to the \*TeaP\*, one of the largest conferences on experimental research in psychology. The scientific program will feature distinguished keynote speakers, cutting-edge symposia, sessions with controversial debates, and compelling presentations by junior as well as established scientists from various fields of psychology.

The conference will be held in the university's main building: Mannheim's palace, which is the largest baroque building in Germany. It was completed in 1760 during the reign of Elector Charles Theodore after forty years of construction. Following countless reconstructions and restorations, the palace now shines again in its former splendour. The City of Mannheim is laid out according to a Hippodamic plan. From the palace to the River Neckar the city shows its "square" side and invites the visitor to get to know the many faces of the city square by square. Culture in Mannheim is said to be colourful, diverse, exciting, experimental, tradition-conscious, and never boring. Take your time to enjoy the options offered by the local cultural institutions such as the National Theatre Mannheim, the "Kunsthalle" Mannheim or the Reiss-Engelhorn-Museums.

We are looking forward to welcoming you, and we wish you a pleasant and stimulating conference!

Yours sincerely

Prof. Dr. Hans-Wolfgang Arndt  
Rector of the University of Mannheim

# GENERAL INFORMATION

## WELCOME

Welcome to the 54<sup>th</sup> *Tagung experimentell arbeitender Psychologen* (TeaP) in Mannheim 2012. We are looking forward to three days of exciting exchange of scientific ideas, organized in 59 symposia, three poster sessions, and 48 thematic group sessions. We are happy to welcome more than 900 participants (as registered before February) and additional guests who will present their research in 528 oral presentations as well as on 268 posters. Also, we are proud to present four renowned keynote speakers to the conference audience.

We wish all participants a pleasant stay in Mannheim and, of course, three fruitful days of exchange with colleagues and stimulating presentations.

## Organizers

### *Host:*

University of Mannheim

### *Organizing Committee:*

Arndt Bröder, Edgar Erdfelder, Benjamin E. Hilbig, Thorsten Meiser, Rüdiger F. Pohl & Dagmar Stahlberg

### *Organizational Support:*

Martin Brandt (technical equipment), Gisela Klein (finances & program layout), Meike Kroneisen (sponsoring), Andrea Kumler (conference office), Jana Lischewski (data management), Rahel Mangold (catering), Dietrich Wagener (web & conference system). We also like to thank many student assistants, Ph. D. students and postdocs for their support in fulfilling many ad-hoc tasks.

## Conference venue

Venue of the TeaP 2012 is the main building of the University of Mannheim: The historic baroque palace - one of the largest in Europe - is located between the city centre of Mannheim and the river Rhine.

The symposia, thematic groups and poster sessions will take place in the *East Wing* (Ostflügel) of the palace that is accessed via the main entrance (see map on the back of this brochure). Detailed maps of the ground floor and the first floor can be found on pages 8 to 10, respectively.

The keynote lectures and the official welcome address are held at the *Audimax* (Auditorium Maximum) in building A3, located across the street, opposite to the west wing of the palace.

## Conference office

The conference office is located in Room O 048 on the ground level from Monday to Wednesday.

### *Opening hours:*

Sunday	19:00-21:00 at Café Journal during the welcome reception
Monday	8:00 - 18:00
Tuesday	8:00 - 18:00
Wednesday	8:00 - 18:00

## Conference name badge

The conference badge with your name and affiliation entitles you to participate in all parts of the conference except for the conference dinner. Therefore, please wear it visibly throughout your visit. Should you misplace your badge, please consult the conference office.

## Catering

During the conference, free coffee, tea, refreshments, and small snacks are provided at several locations in the conference building.

There are numerous Bistros, Restaurants, and Cafés in the city centre that can be visited during the lunch break or, of course, for evening meals. The nearby university cafeteria (Mensa) offers lunches including one soft drink and a dessert for 7,50 €. Tickets are sold in the conference office and in the cafeteria foyer.

## WiFi internet access

Participants are provided with a login and a password in the conference office upon request. This account will be valid for the duration of the conference. WiFi is available in most lecture rooms, hallways, and in the conference lounge.

## Lounge

There is a lounge for relaxing and meeting colleagues and friends in Room O 138. The space below SO 108 on the ground level is also an excellent meeting point.

## Wardrobe

There will be an unguarded wardrobe in Room O 126 (1<sup>st</sup> floor) during the conference. On Wednesday, the adjacent Room O 128 will serve as a guarded luggage room.

## Travel in and around Mannheim

### *Getting around in Mannheim and surroundings*

Many hotels in the city centre as well as pubs, restaurants, and cafés are in walking distance from the conference venue. The Mannheim city centre is thus quite "walkable".

Nonetheless, Mannheim has a convenient *electric tramway system* connecting the city centre to the Mannheim suburbs and to neighbouring cities like Ludwigshafen (10 minutes by tram), Heidelberg (20 minutes by S-Bahn), Weinheim, and Viernheim. There are also rapid-transit railways (S-Bahn) and commuter trains (RE and RB) to the neighbouring cities, leaving from Mannheim central station. A one-way-ticket covering Mannheim (including suburbs) and Ludwigshafen costs 2,20 Euros, a one-way ticket to Heidelberg costs 4,80 Euros.

A 24-hour ticket is also available at the price of 5,50 Euros (Mannheim/Ludwigshafen) or 9,60 Euros (including Heidelberg). Finally, a 3-day-ticket is available for 13,70 Euros (Mannheim/Ludwigshafen) or 23,70 Euros (including Heidelberg).

Tickets are available at vendor machines at all stations and in the "Reisezentrum" at Mannheim central station. Many kiosks also sell tickets. If you need assistance, please contact the conference office.

### *Mannheim beyond the TeaP – Places to visit*

Mannheim offers numerous cultural highlights and leisure activities such as theater, cabaret, concerts, museums. We cannot present a comprehensive list here, so we refer you to our webpage [www.teap.de](http://www.teap.de) for a detailed overview and additional hints for places worth seeing.

Truly outstanding is the **Nationaltheater Mannheim** with its four excellent branches in drama, opera, ballet (modern), and young theater. A program is available at

[www.nationaltheater-mannheim.de/en/index.php](http://www.nationaltheater-mannheim.de/en/index.php).

The old Nationaltheater was the first theater worldwide that was fully under municipal administration (since 1839), and it hosted the premiere of Friedrich Schiller's *Die Räuber* in 1782. The new Nationaltheater was re-established in 1957 in a new building at the Goetheplatz.

The **baroque palace** which was completed in 1760 is the largest in Germany. Since it is the conference venue, participants can get a good impression of this building. However, the palace museum and the palace church are worth a visit, too.

Those who are interested in **sacred buildings** are referred to the baroque *Jesuitenkirche* (A4, 2, opposite the palace west wing) and the art nouveau *Christuskirche* with neo-baroque elements (Werderplatz 15). The new *Synagogue* can be found in F3,4, and Germany's second largest Mosque, the *Sultan-Selim-Moschee* is located at Luisenring 28.

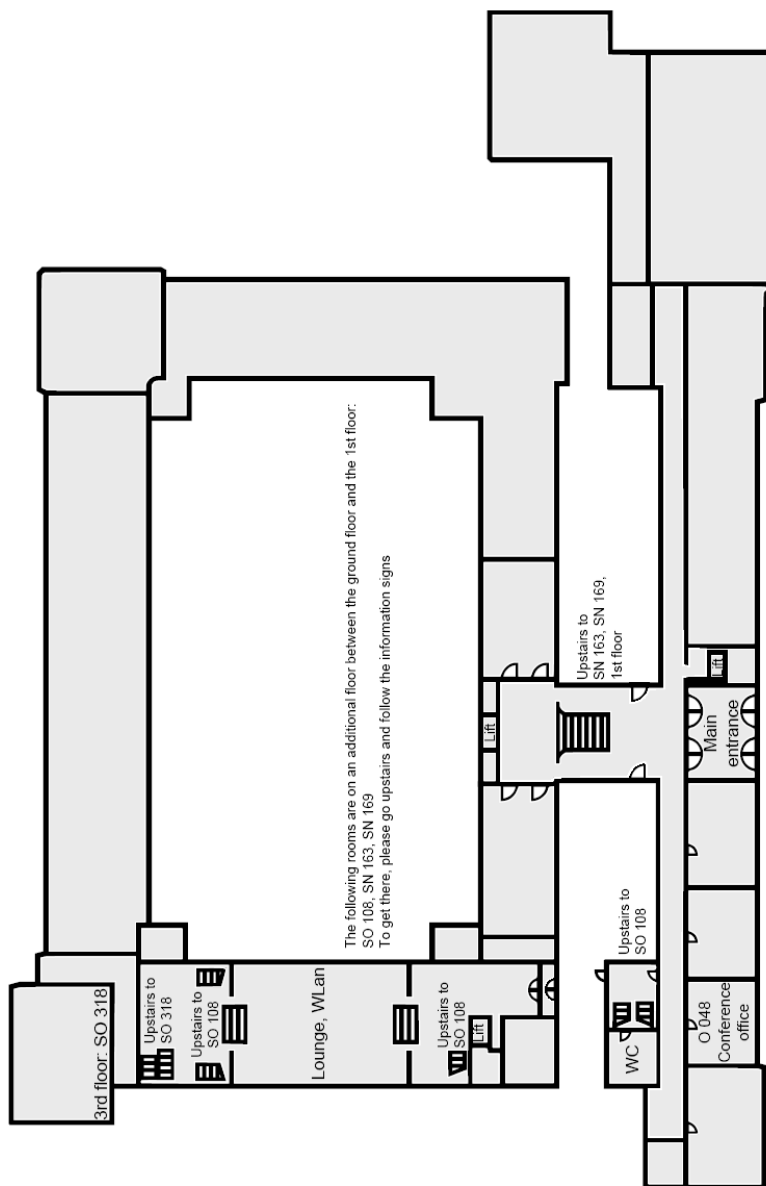
Mannheim's landmark is the **water tower** at Friedrichsplatz that was completed in 1886. The yellow Baroque sandstone building, which once served as a reservoir for drinking water, impresses with its intricately designed open staircase and various sculptures, such as of the sea goddess Amphritite. It is surrounded by a small but beautiful park with trick fountains and one of the largest art nouveau building ensembles in Europe.

For more information on Mannheim's views, please consult  
[www.tourist-mannheim.de/en/Home](http://www.tourist-mannheim.de/en/Home)



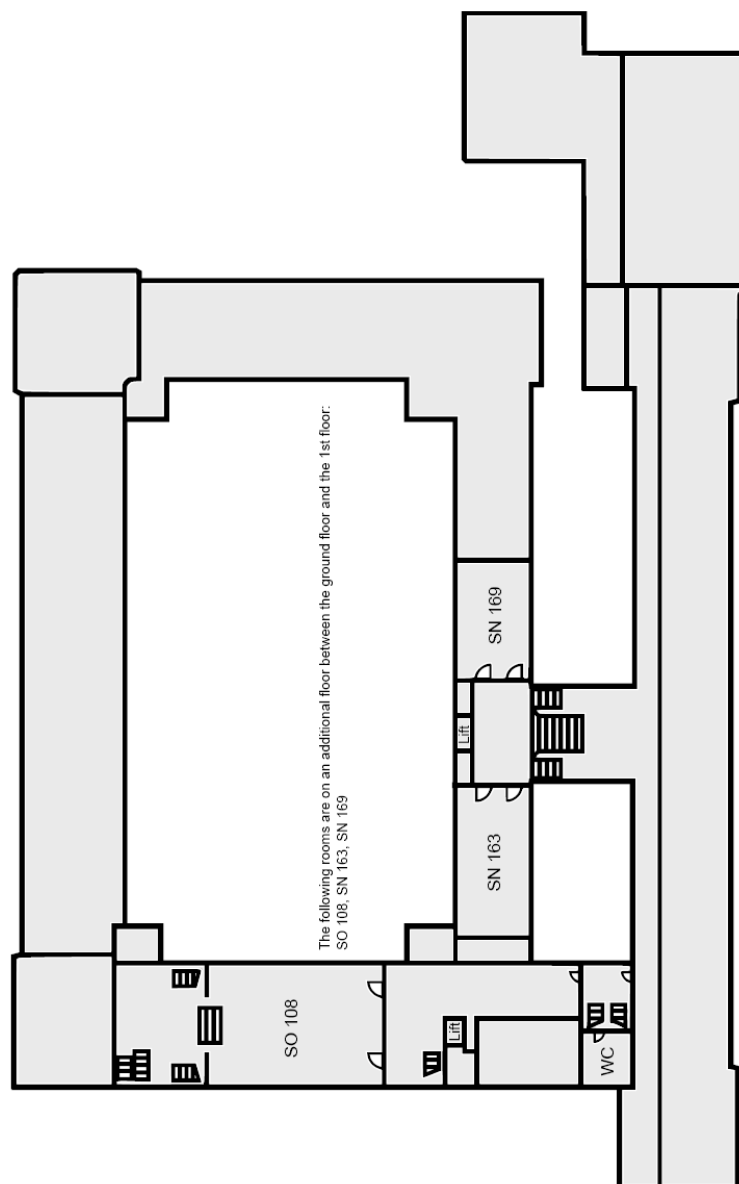
Picture: Dominik Rossbach

# East wing GROUND FLOOR Main entrance & conference office



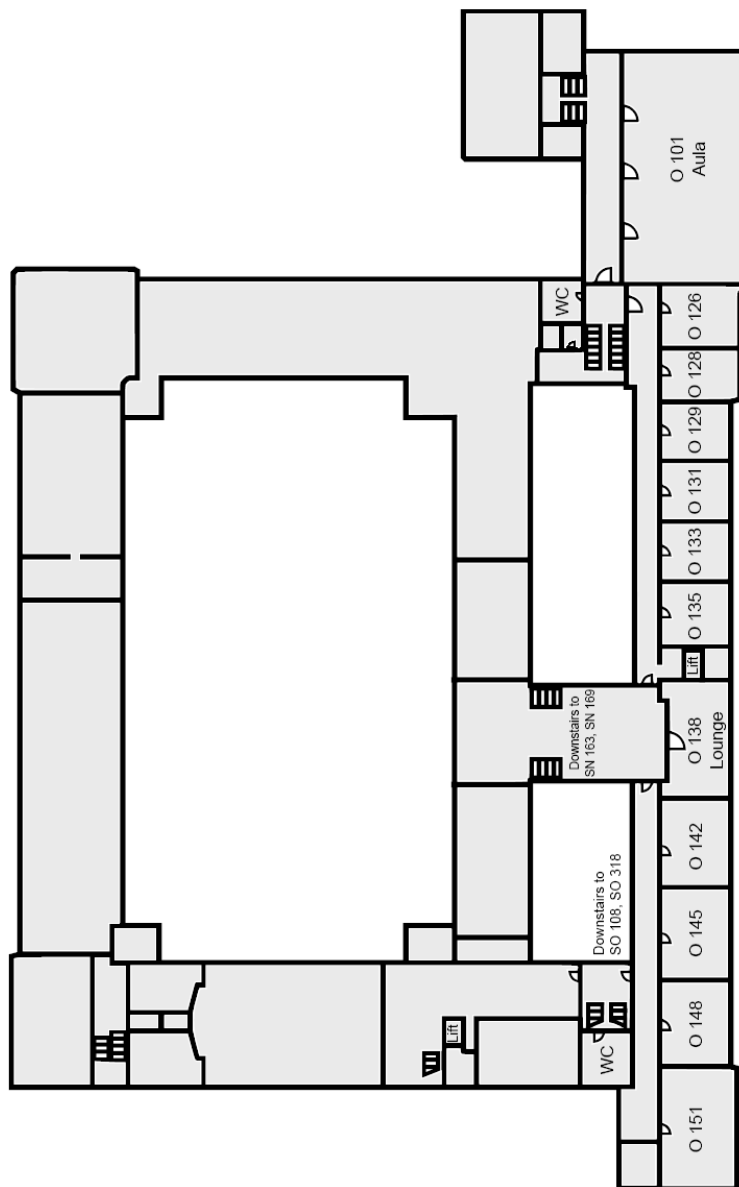


East wing MEZZANINE FLOOR  
Lecture rooms SO 108, SN 163, and SN 169



# East wing FIRST FLOOR

Aula (O 101), Lounge (O138), and lecture rooms O 129 to O 151



# PROGRAM INFORMATION

## Language of Presentations

The official congress language of the TeaP is English, but submissions in German were also welcome. The program committee avoided mixed language spoken sessions whenever possible. To avoid any confusion, the actual language of oral presentations and posters must conform to the language of the submission's title and abstract that were accepted for presentation.

## Symposia and thematic sessions

*Symposium convenors and session chairs* are asked to strictly keep to the time table of the sessions. Each talk is scheduled to 15 minutes plus 5 minutes of discussion. Feel free to use the number displays on the last pages of this program to inform the speaker about the remaining 5, 1, and 0 minutes, respectively.

## Preparation of talks

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 2011 for Windows*. Presentations can also be prepared with OpenOffice 3.3 or for Adobe Acrobat Reader X. 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 [teap2012@uni-mannheim.de](mailto:teap2012@uni-mannheim.de).

Please make sure to transfer your presentation files to the respective computer in the lecture room *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 60 minutes before each session and during the session. Note that a presentation with your own laptop computer is not possible.

## Preparation of Posters

There will be three poster sessions on Monday, Tuesday, and Wednesday, respectively. The sessions take place in the *Aula* (Room O 101) from 15.40 to 17.10 on each of these days.

The number of each poster within each session can be found in the program. *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 *Aula*. During the actual poster sessions, the first author is expected to be available next to her or his poster for requests and discussions.

Poster presenters are asked to prepare their posters in *DIN A0 portrait format* (900 mm x 1200 mm maximum). We also recommend preparation of handouts (miniature versions of the poster) for interested colleagues to take along.

## SPECIAL EVENTS

### Invited keynote lectures

It is our pleasure to announce four renowned researchers as keynote speakers on this year's TeaP conference: Eric Johnson (Columbia University, New York), Nira Liberman (Tel Aviv University), James Nairne (Purdue University, West Lafayette), and David Shanks (University College London).

Keynotes are presented in the *Audimax* (Building A3) each day at 11.30 and in addition on Monday at 18.45.

### Welcome reception

On Sunday, April 1st (beginning at 19.00) the traditional get-together will take place at the bar/restaurant "Café Journal" in the city centre. Here you can meet colleagues and have a chat, a drink, and/or dinner. The conference registration desk will be opened at the restaurant (between 19.00 and 21.00), so you can take the opportunity to register and get your badge and conference documents.

"Café Journal" is located near the market place (Marktplatz) in block H1,15 - about 10 minutes walking distance from the conference venue (see map on the back of this brochure) and about 15 from the main train station.

### Conference Dinner / Gesellschaftsabend



The traditional conference Dinner (Gesellschaftsabend) will take place on Tuesday (beginning 20.00) in the historic Garden Hall (Gartensaal) of the baroque palace which is also the conference venue. Despite the festive surroundings, the evening will conserve the traditionally casual atmosphere of TeaP conference dinners. In addition to a buffet with some live jazz music, the floor will be open for club dancing after dinner.

### Meeting of the Fachgruppe Allgemeine Psychologie in the DGPs

The annual meeting for members of the *Fachgruppe Allgemeine Psychologie* will take place in Room SO 108 on Monday, beginning 20.00. The meeting will be held in German language.

### Meeting of Young Scientists / Treffen der Nachwuchswissenschaftler der Allgemeinen Psychologie (in German)

*Invitation text of the organizers:*

Liebe NachwuchswissenschaftlerInnen,  
auch im Rahmen der diesjährigen TeaP laden wir euch ganz herzlich zum Jahrestreffen der NachwuchswissenschaftlerInnen der Allgemeinen Psychologie ein: Am Sonntag, 01. April 2011 ab 20 Uhr geben wir euch aktuelle Informationen aus der Deutschen Gesellschaft für Psychologie und der Fachgruppe Allgemeine Psychologie. Ihr habt die Gelegenheit, Anregungen zu geben oder Fragen und Probleme zu diskutieren. Vor allem könnt Ihr andere Postdocs oder DoktorandInnen in gemütlicher Runde bei einem Bier, Wein oder Cocktail kennenlernen. Ort: N1 Lounge (Adresse: Stadthaus N1, die Lounge befindet sich im Stadthaus am Paradeplatz, ca. 7 Min. zu Fuß vom Café Journal).

Wir freuen uns auf Euch!

Jenny Bittner (Nachwuchssprecherin) und Franziska Plessow (Vertreterin)

# EXHIBITORS & SPONSORS

## Exhibitors



Further Sponsors

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# PROGRAM OVERVIEW

Time	Monday	Time	Tuesday	Wednesday
9.00-11.00	Symposia & thematic sessions	9.00-11.00	Symposia & thematic sessions	Symposia & thematic sessions
11.00-11.30	<i>Coffee break</i>		<i>Coffee break</i>	<i>Coffee break</i>
11.30-12.50	Official Welcome – Keynote Lecture <i>David Shanks</i>	11.30-12.30	Keynote Lecture <i>James Nairne</i>	Keynote Lecture <i>Nira Liberman</i>
		12.30-14.00	<i>Lunch break</i>	<i>Lunch break</i>
12.50-14.20	<i>Lunch break</i>	14.00-15.40	Symposia & thematic sessions	Symposia & thematic sessions
14.20-15.40	Symposia & thematic sessions			
15.40-17.10	Poster session <i>(with coffee)</i>	15.40-17.10	Poster session <i>(with coffee)</i>	Poster session <i>(with coffee)</i>
17.10 – 18.30	Symposia & thematic sessions	17.10 – 18.30	Symposia & thematic sessions	Symposia & thematic sessions
18.45 – 19.45	Keynote Lecture <i>Eric Johnson</i>	18.45 – 19.45		Closing session with conference feedback
20.00	Meeting of the Fachgruppe Allgemeine Psychologie		<i>Conference Dinner</i>	

## Monday Rooms SO 108, SN 163, SN 169, O 151, O148, O 145

Time	Room SO 108	Room SN 163	Room SN 169	Room O 151	Room O 148	Room O 145
9.00-11.00	Symposium: <i>Using the eyes to look at memory</i> Lange & Huestegge	Symposium: <i>Decision making and cognitive processes I</i> Glöckner & Brand	Symposium: <i>Current developments in prospective memory</i> Rummel & Boywitt	Thematic session: <i>Attention &amp; affective priming</i> Chair: Schmitz	Thematic session: <i>Psychophysics &amp; perception</i> Chair: Vorberg	Symposium: <i>From the lab to the real world</i> Asbrock & Kuchenbrandt
11.00-11.30	Coffee break					
11.30-12.50	Auditorium Maximum: Conference welcome address Keynote lecture: David Shanks					
12.50-14.20	Lunch break					
14.20-15.40	Thematic session: <i>Basic learning processes</i> Chair: White	Thematic session: <i>Decision making: risky choice I</i> Chair: Huber	Thematic session: <i>Learning</i> Chair: Puskaric	Thematic session: <i>Attention</i> Chair: Dreisbach	Thematic session: <i>Action &amp; perception I</i> Chair: Seegelke	Thematic session: <i>Emotion I</i> Chair: Jessen
15.40-17.10	Aula (O 101): Poster session 1 (with coffee)					
17.10-18.30	Symposium: <i>Causal learning</i> Beckers	Thematic session: <i>Decision making: risky choice II</i> Chair: Brandstätter	Thematic session: <i>Knowledge &amp; metacognition</i> Chair: Undorf	Thematic session: <i>Task switching</i> Chair: Hübner	Thematic session: <i>Action &amp; perception II</i> Chair: Thomaschke	Thematic session: <i>Emotion II</i> Chair: Junge
18.45-19.45	Auditorium Maximum: Keynote lecture: Eric Johnson					
20.00	Fachgruppenversammlung Allgemeine Psychologie in SO 108 (mit kleinem Imbiss)					

## Monday Rooms O 142, O 135, O 133, O 131, O 129, SO 318

Time	Room O 142	Room O 135	Room O 133	Room O 131	Room O 129	Room SO 318
9.00-11.00	Symposium: <i>Individual differences in person recognition</i> Kaufmann & Schweinberger	Symposium: <i>Promoting reconciliation and equal relations between groups</i> Shnabel et al.	Symposium: <i>Language use and speaker stereotypes</i> Schöl & Rakic	Symposium: <i>Intuition - solely a phenomenon of implicit memory processing?</i> Zander & Volz	Symposium: <i>Making decisions with ethical implications</i> Hafenbrädl et al.	Symposium: <i>Brain correlates of sex versus affiliation motivation</i> Quirin & Stark
11.00-11.30	Coffee break					
11.30-12.50	Auditorium Maximum: Conference welcome address Keynote lecture: David Shanks					
12.50-14.20	Lunch break					
14.20-15.40	Thematic session: <i>Thinking &amp; reasoning I</i> Chair: Rebitschek	Thematic session: <i>Social cognition I</i> Chair: Müller	Thematic session: <i>Traffic psychology I</i> Chair: Vollrath	Thematic session: <i>Altruism &amp; aggression</i> Chair: Schindler	Thematic session: <i>Face perception I</i> Chair: Wiese	Thematic session: <i>Group processes</i> Chair: Schulz-Hardt
15.40-17.10	Aula (O 101): Poster session 1 (with coffee)					
17.10-18.30	Thematic session: <i>Thinking &amp; reasoning II</i> Chair: Öllinger	Thematic session: <i>Social cognition II</i> Chair: Eder	Thematic session: <i>Traffic psychology II</i> Chair: Vollrath	Thematic session: <i>Morality &amp; justice</i> Chair: Nagel	Thematic session: <i>Face perception II</i> Chair: Persike	Thematic session: <i>Wahrnehmung &amp; Aufmerksamkeit</i> Chair: Herwig
18.45-19.45	Auditorium Maximum: Keynote lecture: Eric Johnson					
20.00	Fachgruppenversammlung Allgemeine Psychologie in SO 108 (mit kleinem Imbiss)					

## Tuesday Rooms SO 108, SN 163, SN 169, O 151, O148, O 145

Time	Room SO 108	Room SN 163	Room SN 169	Room O 151	Room O 148	Room O 145
9.00–11.00	Symposium: <i>The impact of affect on decision processes</i> Suter et al.	Symposium: <i>Decision making &amp; cognitive processes II</i> Brand & Glöckner	Symposium: <i>Interactions between short-term and long-term memory</i> Steinwascher & Meiser	Symposium: <i>Attention, perception, and cognition in dynamic scenes</i> Huff & Jahn	Symposium: <i>Experimental methods in perceptual organization</i> Ghose & Wagemans	Symposium: <i>Experimental approaches to social cognition in psychopathology</i> Niedtfeld & Kirsch
11.00–11.30	Coffee break					
11.30–12.30	Auditorium Maximum: Keynote lecture: James Nairne					
12.30–14.00	Lunch break					
14.00–15.40	Symposium: <i>Color effects on cognition, motivation, and creativity</i> Schwarz	Symposium: <i>How does stress affect decision making?</i> Starcke	Symposium: <i>Episodic memory: cognitive, emotional, and developmental processes</i> Aslan & Pastötter	Thematic session: <i>Cognitive development</i> Chair: Janzen	Symposium: <i>Now you hear it, now you don't: Listening for objects in auditory scenes</i> Lange & Mayr	Symposium: <i>Adult age differences in visual cognition</i> Finke & Wiegand
15.40–17.10	Aula (O 101): Poster session 2 (with coffee)					
17.10–18.30	Thematic session: <i>Decision strategies I</i> Chair: Marewski	Thematic session: <i>Judgment and decision making</i> Chair: Herzog	Thematic session: <i>Memory I</i> Chair: Aßfalg	Thematic session: <i>Visual attention I</i> Chair: Ansorge	Thematic session: <i>Visual perception I</i> Chair: Palmer	Thematic session: <i>Emotion III</i> Chair: Giesinger
18.45–19.45						
20.00	Gartensaal: Conference dinner / Gesellschaftsabend with club dancing					

## Tuesday Rooms O 142, O 135, O 133, O 131, O 129, SO 318

Time	Room O 142	Room O 135	Room O 133	Room O 131	Room O 129	Room SO 318
9.00-11.00	Symposium: <i>Cognitive processes underlying behavior in complex environments</i> Memmert & Weigelt	Symposium: <i>Toward underlying mechanisms of the joint go-nogo Simon effect</i> Dolk et al.	Thematic session: <i>Language production &amp; comprehension</i> Chair: Sedlmeier	Symposium: <i>Hindsight Bias and learning</i> Blank	Symposium: <i>Psychological perspectives on charitable giving</i> Dickert	Thematic session: <i>Applied social psychology</i> Chair: Dickhäuser
11.00-11.30	Coffee break					
11.30-12.30	Auditorium Maximum: Keynote lecture: James Nairne					
12.30-14.00	Lunch break					
14.00-15.40	Symposium: <i>Evaluative conditioning I</i> Koranyi & Gast	Symposium: <i>Numerical cognition I</i> Fischer & Lindemann	Symposium: <i>Cognitive control: Experimental psychology and cognitive neuroscience</i> Markett & Ettinger	Symposium: <i>Formal models of memory processes</i> Stahl	Symposium: <i>Dreaming</i> Frenzel	Symposium: <i>Placebo and nocebo effects (...)</i> Kamping
15.40-17.10	Aula (O 101): Poster session 2 (with coffee)					
17.10-18.30	Thematic session: <i>Working memory I</i> Chair: Gade	Symposium: <i>Numerical cognition II</i> Lindemann & Fischer	Thematic session: <i>Applied cognitive psychology I</i> Chair: Keshavarz	Thematic session: <i>Formal methods</i> Chair: Wittmann	Thematic session: <i>Wort- und Textbedeutung</i> Chair: Bronk	Symposium: <i>Music cognition</i> Schäfer
18.45-19.45						
20.00	Gartensaal: Conference dinner / Gesellschaftsabend with club dancing					

## Wednesday Rooms SO 108, SN 163, SN 169, O 151, O 148, O 145

Time	Room SO 108	Room SN 163	Room SN 169	Room O 151	Room O 148	Room O 145
9.00-11.00	Symposium: <i>Information search - heuristics, optimality, developmental and neural bases</i> Nelson & Meder	Symposium: <i>Contextualized decision making</i> Scholl	Thematic session: <i>Memory II</i> Chair: Lindner	Symposium: <i>Processing dynamics of long term memory retrieval</i> Kizilirmak & Waldhauser	Symposium: <i>New developments in experimental aesthetics</i> Leder & Jacobsen	Thematic session: <i>Reading</i> Chair: Risse
11.00-11.30	Coffee break					
11.30-12.30	Auditorium Maximum: Keynote lecture: Nira Liberman					
12.30-14.00	Lunch break					
14.00-15.40	Symposium: <i>Agency - how we know what we are doing</i> Haering & Kiesel	Symposium: <i>Lie detection: process-oriented approaches</i> Reinhard & Ask	Symposium: <i>Advances in research on adaptive memory</i> Kroneisen & Bell	Symposium: <i>Action perception and action understanding: developmental perspectives</i> Wurm & Paulus	Symposium (German): <i>Psychophysik (in memoriam Hans Irtel)</i> Lukas	Symposium: <i>To choose or not to choose</i> Janczyk & Pfister
15.40-17.10	Aula (O 101): Poster session 2 (with coffee)					
17.10-18.30	Thematic session: <i>Decision strategies II</i> Chair: Fiedler	Thematic session: <i>Decision making: choice</i> Chair: Schulte-Mecklenbeck	Symposium: <i>Perceived agency of self and others</i> Müller & Damen	Thematic session: <i>Visual attention II</i> Chair: Volberg	Thematic session: <i>Visual perception II</i> Chair: Huckauf	Thematic session: <i>Soziale Kognition</i> Chair: Maltese
18.45-19.45	SO 108: Closing session					

## Wednesday Rooms O 142, O 135, O 133, O 131, O 129, SO 318

Time	Room O 142	Room O 135	Room O 133	Room O 131	Room O 129	Room SO 318
9.00-11.00	Symposium: <i>Evaluative conditioning II</i> Gast	Symposium: <i>Cognitive plasticity: Training and transfer effects</i> Strobach & Karbach	Symposium: <i>New frameworks of rationality</i> Knauff et al.	Symposium (German): <i>Neue Methoden der Datenerhebung und -analyse</i> Musch	Symposium: <i>Attention and temporal processing</i> Scharlau & Rolke	Symposium: <i>Language electrified</i> Koester & Bölte
11.00-11.30	Coffee break					
11.30-12.30	Auditorium Maximum: Keynote lecture: Nira Liberman					
12.30-14.00	Lunch break					
14.00-15.40	Symposium: <i>The role of prediction during language processing</i> Huettig	Symposium: <i>Good vibrations: The important role of brain oscillations (...)</i> Hanslmayr & Staudigl	Symposium: <i>Self-enhancement: A powerful process (...)</i> Gebauer & Kopietz	Symposium: <i>Body perception and pain</i> Trojan	Symposium: <i>Motor control and multimodal representation</i> Ladwig & Wang	Symposium: <i>Consider implicit affect! Effects on physiology, cognition, and behavior</i> Bode & Quirin
15.40-17.10	Aula (O 101): Poster session 2 (with coffee)					
17.10-18.30	Thematic session: <i>Working memory II</i> Chair: Bittrich	Thematic session: <i>Affect &amp; attention</i> Chair: Schuch	Thematic session: <i>Applied cognitive psychology II</i> Chair: Svenson	Thematic session: <i>Motivation</i> Chair: Voss	Symposium: <i>Inductive reasoning and social projection</i> Krueger	Symposium: <i>New applications of the rubber hand illusion (...)</i> Riemer
18.45-19.45	SO 108: Closing session					





## Monday morning, 2<sup>nd</sup> April, 9.00-11.00

### Symposium: Using the eyes to look at memory, SO 108

Convenors: Elke B. Lange, Lynn Huestegge

- 09:00 Covert and overt visual encoding of verbal and spatial information  
Sebastian Henschke, Ralf Engbert, Elke B. Lange
- 09:20 Spatial characteristics of gaze behavior in goal-directed scene encoding  
Martin Christoph Cölln, Jens R. Helmert, Boris Mitrofanovich Velichkovsky
- 09:40 Impairing "looking at nothing" decreases performance  
Agnes Scholz, Josef Krems
- 10:00 Memory mechanisms in repeated visual search  
Christof Körner, Margit Höfler, Iain D. Gilchrist
- 10:20 Where did you look? Scenes, scanpaths and similarity in recognition  
memory for pictures  
Tom Foulsham
- 10:40 Eye movements as a gatekeeper for memorization: Evidence for the  
persistence of attentional sets  
Lynn Huestegge, Iring Koch

### Symposium: Decision making and cognitive processes I, SN 163

Convenors: Andreas Glöckner, Matthias Brand

- 09:00 The role of attention and perspective in the valuation of risky prospects  
Nathaniel J. S. Ashby, Andreas Glöckner, Stephan Dickert
- 09:20 Making decision field theory testable  
Benjamin Scheibehenne
- 09:40 On the cognitive processes underlying the open sampling advantage  
Felix Henninger, Benjamin E. Hilbig, Andreas Glöckner, Pascal J. Kieslich, Isabel Thielmann, Ann-Katrin Wesslein
- 10:00 Empirical investigations of decision models for risky choices  
Andreas Glöckner, Thorsten Pachur
- 10:20 Boundary conditions of unbounded rationality  
Thorsten Pachur, Anja Hass
- 10:40 Discussion  
Matthias Brand

### Symposium: Current developments in prospective memory, SN 169

Convenors: Jan Rummel, Dennis Boywitt

- 09:00 The role of context for fulfilling delayed intentions  
Jan Rummel, Dennis Boywitt, Thorsten Meiser

- 09:20      Habituation and consolidation of prospective memory over a week: An ERP-study  
Stefan Walter, Alodie Rey-Mermet, Julia Kummer, Thomas König, Beat Meier
- 09:40      Enhanced prospective memory for cheaters?  
Sebastian Horn, Raoul Bell, Ute Johanna Bayen, Axel Buchner, Marie Luisa Schaper
- 10:00      Are we more forgetful when we are happy or sad? The influence of emotion on age-related PM  
Katharina Schnitzspahn
- 10:20      The importance of intention planning for age effects in intention initiation  
Matthias Kliegel, Mareike Altgassen, Peter G. Rendell
- 10:40      Discussion  
Peter G. Rendell

## **Thematic session: Attention and affective priming, O 151**

Chair: Melanie Schmitz

- 09:00      Imagery of errors in typing: Influences of correction instruction and feedback  
Martina Rieger
- 09:20      Do not catch the falling knife: Are stimulus-non-response episodes response specific?  
Carina Giesen, Klaus Rothermund
- 09:40      The right mixture of sensory- and long-term memory-based attentional control: Eye movements during sensorimotor learning  
Rebecca M. Foerster, Elena Carbone, Hendrik Koesling, Werner X. Schneider
- 10:00      A meta-analysis of affective priming  
Juliane Burghardt
- 10:20      The emotion "misattribution" procedure: Processing beyond affect under unconscious presentation conditions  
Michaela Rohr, Juliane Degner, Dirk Wentura
- 10:40      Evaluative priming of semantic categorizations revisited  
Melanie Schmitz, Dirk Wentura

## **Thematic session: Psychophysics & perception, O 148**

Chair: Dirk Vorberg

- 09:00      Black or white? Effects of luminance polarity on target detection and discrimination  
Marlis Gerdes, Cristina Meinecke
- 09:20      Inhibition and integration between and within visual channels revealed by meta- and paracontrast masking with oriented gratings  
Maximilian Bruchmann, Philipp Hintze, Bruno G. Breitmeyer

- 09:40 Simultaneous contrast illusion renders neutral primes response relevant  
Andreas Weber, Thomas Schmidt
- 10:00 Human color preferences: An ecological valence theory  
Karen B. Schloss, Stephen E. Palmer
- 10:20 Adaptation-level theory – sixtyfive years later  
Viktor Sarris
- 10:40 The time-order error and its reversal: Test of a model of the internal standard in pitch discrimination  
Dirk Vorberg, Sebastian Geukes, Carina Heitmann, Ruth Jansen

## Symposium: From the lab to the real world, O 145

Convenors: Frank Asbrock, Dieta Kuchenbrandt

- 09:00 Contact experiences for those who avoid it. Imagined contact effects on authoritarians and social dominators  
Frank Asbrock, Lisa Gutenbrunner, Ulrich Wagner
- 09:20 Cooperation makes it happen: Imagined intergroup cooperation enhances the positive effects of imagined contact  
Dieta Kuchenbrandt, Friederike Eyssel
- 09:40 Being allowed and feeling prepared: Manipulating vicarious intergroup contact and predicting actual interactions  
Agostino Mazziotta, Pablo De Tezanos-Pinto, Stephen Wright, Amelie Mummendey, Rupert Brown
- 10:00 When indirect contact backfires: The impact of vicarious intergroup contact on group based moral credentials  
Bastian Lücke, Mario Gollwitzer
- 10:20 Does indirect contact improve ethnic attitudes: A meta-analysis  
Gunnar Lemmer, Ulrich Wagner
- 10:40 Discussion  
Oliver Christ

## Symposium: Individual differences in person recognition, O 142

Convenors: Jürgen M. Kaufmann, Stefan R. Schweinberger

- 09:00 Exploring variation in face recognition ability  
Karen Lander, Siddhi Poyarekar, Raymond Evans
- 09:20 What can we learn from congenital prosopagnosia? – The example of a faceblind visual expert  
Christian Dobel, Claudia Schulz
- 09:40 Individual differences in face cognition  
Sally Olderbak, Oliver Wilhelm, Andrea Hildebrandt, Werner Sommer
- 10:00 On the specificity of face cognition across adult age  
Andrea Hildebrandt, Oliver Wilhelm, Werner Sommer

- 10:20 Individual differences in familiar voice identification among a group of adolescents  
Verena Gabriele Skuk, Stefan R. Schweinberger
- 10:40 Effects of caricaturing face shape in poor and good face recognizers  
Jürgen M. Kaufmann, Claudia Schulz, Stefan R. Schweinberger

## **Symposium: Promoting reconciliation and equal relations between groups, O 135**

Convenors: Nurit Shnabel, Birte Siem, Nicole S. Harth

- 09:00 Reassurance of ingroup's warmth and competence by the outgroup differentially affects low- and high-status group members' intergroup attitudes  
Anna Lisa Ewers, Johannes Ullrich
- 09:20 Divergent needs of high- and low-status group members: The moderating role of perceived legitimacy of status differences  
Birte Siem, Maria von Oettingen, Amelie Mummendey, Arie Nadler
- 09:40 The effect of common identities on adversaries willingness to reconcile: The contribution of third party intervention to intergroup conflicts  
Nicole S. Harth, Nurit Shnabel
- 10:00 Collective wrong-doings: The dual-natured effects of group-level perspective taking  
Markus Barth, Stefan Stürmer
- 10:20 Enhancing reconciliation by remembering in-group's perpetrated transgressions: A field-experiment in Liberia  
Friederike Feuchte, Agostino Mazziotta, Nicolay Gausel, Arie Nadler
- 10:40 When the need to maintain power competes with the need for positive moral image: Applying the needs-based model to contexts characterized by duality of social roles  
Nurit Shnabel

## **Symposium: Language use and speaker stereotypes, O 133**

Convenors: Christiane Schöl, Tamara Rakic

- 09:00 Heartiness as compensation for a perceived lack of competence in dialect speakers?  
Christiane Schoel, Dagmar Stahlberg
- 09:20 The likeability of (foreign) languages and its impact on personnel selection  
Astrid Rothe, Christiane Schoel, Dagmar Stahlberg
- 09:40 "Competence is in the ear of the beholder" - the evaluation of German accented English in Germany and in the United States  
Janin Roessel, Christiane Schoel, Dagmar Stahlberg

- 10:00 Everything girls can do I can do too. The differential influence of pair form job descriptions compared to job descriptions using the masculine as generic on children's gender related occupational beliefs  
Dries Vervecken, Bettina Hannover
- 10:20 It's all about style! Gender differences in speech style usage and perceived competence  
Tamara Rakic, Irena D. Ebert, Melanie C. Steffens
- 10:40 Discussion  
Rosemarie Tracy

## **Symposium: Intuition – solely a phenomenon of implicit memory processing?, O 131**

Convenors: Thea Zander, Kirsten Volz

- 09:00 Intuition – just a consequence of implicit learning?  
Alexandra Eichler, Hilde Haider
- 09:20 Control without consciousness?!  
Andrea Kiesel, Wilfried Kunde
- 09:40 Neural signatures of implicit and explicit memory in the human brain  
Björn H. Schott, Emrah Düzel, Alan Richardson-Klavehn
- 10:00 Processing fluency as operating mechanism in intuition and implicit memory  
Sascha Topolinski
- 10:20 Implicit learning of subliminal colour primes and their influence on behaviour  
Annette Werner, Iliya Ivanov
- 10:40 Comparison of intuitive decisional processes and implicit memory processes  
Thea Zander

## **Symposium: Making decisions with ethical implications, O 129**

Convenors: Sebastian Hafenbrädl, Jan K. Woike, Ulrich Hoffrage

- 09:00 Time and moral judgment  
Ralph Hertwig, Renata Suter
- 09:20 Take him or leave him: Children's decisions in an ethical dilemma situation  
Ulrich Hoffrage, Chris M. White, John Antonakis
- 09:40 Ethical consequences when selecting a supplier: To what extent do people care about shareholder value and stakeholder interests?  
Sebastian Hafenbrädl, Julian N. Marewski, Ulrich Hoffrage
- 10:00 Destructive competition in a social dilemma  
Jan Kristian Woike, Sebastian Hafenbrädl

- 10:20 Cooperation in risky environments  
Nadine Fleischhut, Florian Artinger, Vittoria Levati, Jeffrey R. Stevens
- 10:40 When relative is absolute: On the interpretation of relative risk reductions  
Nicolai Bodemer, Björn Meder

## **Symposium: Brain correlates of sex versus affiliation motivation, SO 318**

Convenors: Markus Quirin, Rudolf Stark

- 09:00 Trait affiliation, affection and interpersonal trust: A psychopharmacological investigation of the role of opioid neurotransmission  
Desirée Schweiger, Jan Wacker
- 09:20 Brain correlates of sexual desire: Beyond valence and arousal  
Benjamin Kuhr
- 09:40 Evidence for neural plasticity and associated changes in positive affect after compassion training  
Olga Maria Klimecki, Susanne Leiberg, Claus Lamm, Tania Singer
- 10:00 Erotica as strong appetitive stimuli  
Rudolf Stark, Sina Wehrum, Sabine Kagerer
- 10:20 Is love right? Neural correlates of the affiliation motive  
Markus Quirin
- 10:40 The effect of oxytocin on neural and behavioral phenotypes associated with autism  
Peter Kirsch, Carina Sauer, Christian Montag, Christiane Wörner, Martin Reuter

## **Monday 11.30-12.50, Audimax (A3)**

Official welcome address

Keynote lecture David R. Shanks:

“Are there multiple memory systems? A new theoretical framework for implicit and explicit memory”

## **Monday early afternoon, 2<sup>nd</sup> April, 14.20-15.40**

### **Thematic session: Basic learning processes, SN 169**

Chair: Andrew White

- 14:20 Counteracting the stimulus-response learning problem in repetition priming paradigms with multiple task changes  
Sina Kühnel
- 14:40 The effect of feedback validity on learning and feedback-related brain activity  
Benjamin Ernst, Marco Steinhauser

- 15:00      The effect of the erythropoietin system on neuroplasticity and higher cognition in mouse and man  
Ahmed El-Kordi
- 15:20      Ambulatory assessment during exposure therapy: Towards identifying factors associated with therapeutic change  
Andrew White

### **Thematic session: Decision making: risky choice I, SN 163**

Chair: Oswald Huber

- 14:20      Causal diversification in risky decision making  
Odilo W. Huber
- 14:40      Affective processing biases in risky decision-making  
Susanne Schwager, Klaus Rothermund
- 15:00      Age differences in risky choice: The role of learning  
Rui Mata, Anika K. Josef, Ralph Hertwig
- 15:20      Framing and risk defusing: Reciprocal effects  
Oswald Huber, Odilo W. Huber, Arlette S. Bär

### **Thematic session: Learning, SN 169**

Chair: Marin Puskaric

- 14:20      Imitation learning in decision from experience  
Marin Puskaric
- 14:40      Effects of rhyme and melody on the acquisition of grammatical class information in an artificial language  
Johanna Kauffeldt, Eva Belke
- 15:00      Prior knowledge helps to overcome the disadvantage of less favorable instructions  
Esther Ziegler
- 15:20      Seductive details and attention distraction - an eyetracker experiment  
Günter Daniel Rey

### **Thematic session: Attention, O 151**

Chair: Gesine Dreisbach

- 14:20      Better not to deal with two tasks at the same time when stressed? Acute psychosocial stress reduces task shielding in dual-task performance  
Franziska Plessow, Susann Schade, Clemens Kirschbaum, Rico Fischer
- 14:40      Intertrial and intratrial interference in dual tasks: Evidence from saccades and manual responses  
Aleksandra Pieczykolan, Lynn Huestegge

- 15:00      Transient, sustained, and task-specific non-perceptual conflict adjustment  
Mike Wendt, Aquiles Luna-Rodriguez, Andrea Kiesel, Thomas Jacobsen
- 15:20      Conflicts as aversive signals  
Gesine Dreisbach, Rico Fischer

## **Thematic session: Action & perception I, O 148**

Chair: Christian Seegelke

- 14:20      Impact of task and movement complexity on movement preparation and execution in the elderly  
Christina Jung
- 14:40      Effective rotations: Action-effects determine the interplay of mental and manual rotations  
Markus Janczyk, Roland Pfister, Wilfried Kunde
- 15:00      Grasp posture modification to perturbations in movement goals  
Marnie Ann Spiegel, Christian Seegelke, Julia Hammes, Corinna Oehmichen, Charmayne Mary Lee Hughes
- 15:20      Grasp posture planning during multi-segment action sequences  
Christian Seegelke, Charmayne Mary Lee Hughes, Thomas Schack

## **Thematic session: Emotion I, O 145**

Chair: Sarah Jessen

- 14:20      Limits of the regulation of negative emotions by cognitive distraction  
Susanne Hinz, Diana Rieger, Julia Kneer, Gary Bente
- 14:40      Distraction from the negative emotion "fear"  
Sutude Shishechian, Diana Rieger, Julia Kneer, Gary Bente
- 15:00      Crossmodal transfer of arousal, but not pleasantness, from the musical to the visual domain  
Manuela Maria Marin, Bruno Gingras, Joydeep Bhattacharya
- 15:20      Enhanced audiovisual facilitation in emotional body-voice interaction: An fMRI study  
Sarah Jessen, Sonja A. Kotz

## **Thematic session: Thinking & reasoning I, O 142**

Chair: Felix G. Rebitschek

- 14:20      How causal models influence information search  
Henrik Olsson, Ana Sofia Morais, Lael Schooler, Björn Meder
- 14:40      Noisy Newtons: People's intuitive understanding of physics explains their cause and prevention judgments  
Tobias Gerstenberg, Joshua B. Tenenbaum, Noah D. Goodman, David Lagnado



- 15:00 The influence of familiarity with object arrangements in spatial belief revision  
Stefan Czoschke, Leandra Bucher, Jelica Nejasmic, Markus Knauff
- 15:20 Effects of symptom order in diagnostic reasoning  
Felix G. Rebitschek, Josef Krems, Georg Jahn

### **Thematic session: Social cognition I, O 135**

Chair: Florian Müller

- 14:20 Trust the distrust or distrust the trust? Manipulations of trust and distrust and their impact on information processing  
Corina Tamara Ulshöfer, Nicole Ruffieux, Margit Elisabeth Oswald
- 14:40 Differences in intentionality attributions – the riddle of the side-effect-effect  
Stephan Lau, Rainer Reisenzein
- 15:00 Updating, self-confidence and discrimination  
Nora Szech, Konstanze Albrecht, Juliane Parys, Emma von Essen
- 15:20 Stereotypes as mental schemas: Implications and findings for stereotype activation  
Florian Müller, Klaus Rothermund

### **Thematic session: Traffic psychology I, O 133**

Chair: Mark Vollrath

- 14:20 Drivers' acceptance of limiting vehicle dynamics in electric vehicles  
Marcus Schmitz, Monika Jagiellowicz, Christian Maag, Michael Hanig
- 14:40 Beyond driver warnings – possibilities and limits of early driver information systems for collision avoidance based on wireless communication technology  
Frederik Naujoks, Heidi Grattenthaler, Alexandra Neukum
- 15:00 Investigating linguistic alignment in the domain of in-vehicle speech dialog systems  
Linn Hackenberg, Moritz Neugebauer
- 15:20 Impact of LED-technology on comfort and emotion in long-haul flights – a webcam based measurement of facial expression  
Achim Leder, Tom Laufenberg, Sebastian Schnieder, Jarek Krajewski

## Thematic session: Altruism & aggression, O 131

Chair: Simon Schindler

- 14:20 AKAP5 and the genetics of anger and aggressive behaviour - just a new piece of the puzzle  
Sylvia Richter, Adriana Barman, Ulrike Krämer, Constanze Seidenbecher, Thomas Munte, Björn H. Schott
- 14:40 Power and revenge  
Mario Weick, Peter Strelan, Milica Vasiljevic
- 15:00 Giving and accepting a little help: Effects of norm priming on automatic behavior in narcissists and non-narcissists  
Katja Mierke, Annika Musiol, Marcel Janz
- 15:20 Tit for tat in the face of death: The effect of mortality salience on reciprocal behavior  
Simon Schindler, Marc-André Reinhard, Dagmar Stahlberg

## Thematic session: Face perception I, O 129

Chair: Holger Wiese

- 14:20 Many faces of expertise: Fusiform face area in chess experts and novices  
Merim Bilalic
- 14:40 Effects of spatial caricaturing and anti-caricaturing on face learning  
Claudia Schulz, Jürgen M. Kaufmann, Lydia Walther, Stefan R. Schweinberger
- 15:00 Event-related potential correlates of the own-age bias in face recognition memory: A comparison of young adult and child faces in mothers and controls  
Nicole Wolff, Holger Wiese, Christiane Tuch, Stefan R. Schweinberger
- 15:20 Both semantic information and visual co-occurrence contribute to semantic priming in person recognition: ERP evidence from a learning paradigm  
Holger Wiese, Stefan R. Schweinberger

## Thematic session: Group processes, SO 318

Chair: Stefan Schulz-Hardt

- 14:20 Displaced revenge  
Arne Sjöström, Mario Gollwitzer
- 14:40 When my group makes me look bad: Self-focus and shame for ingroup wrongdoing  
Jonas H. Rees
- 15:00 Why groups perform better than individuals at quantitative judgment tasks  
Thomas Schultze, Andreas Mojzisch, Stefan Schulz-Hardt

- 15:20      Group performance in complex problem solving: An experimental test of possible process gains and process losses  
Stefan Schulz-Hardt, Sylvana Drewes, Thomas Schultze

### Monday late afternoon, 2<sup>nd</sup> April, 17.10–18.30

#### Symposium: Causal learning, SO 108

Convenor: Tom Beckers

- 17:10      Mechanisms of active causal learning  
David Lagnado
- 17:30      Causal reasoning in repeated judgment and choice  
York Hagmayer
- 17:50      Developmental evidence that causal learning relies on inferential reasoning, not association formation  
Tom Beckers, Victoria Simms, Teresa McCormack
- 18:10      Extinction and blocking of conditioned inhibition in human causal learning: Effects of base rates  
Bram Vervliet

#### Thematic session: Decision making: Risky choice II, SN 163

Chair: Eduard Brandstätter

- 17:10      Time frame dependent information search and decision making  
Dirk Wulff, Thomas Hills, Ralph Hertwig
- 17:30      How people update probability judgments in a social context  
Rafael Huber, Vasily Klucharev, Jörg Rieskamp
- 17:50      Measuring behavioral consequences of biased risk perceptions with a lottery choice task  
Niels Haase, Frank Renkewitz, Cornelia Betsch
- 18:10      The probability paradox  
Eduard Brandstätter

#### Thematic session: Knowledge & metacognition, SO 108

Chair: Monika Undorf

- 17:10      Mapping the structure of semantic memory  
Ana Sofia Morais, Henrik Olsson, Lael Schooler
- 17:30      The effect of landmarks on the recognition of a city  
Kai Hamburger, Cate Marie Trillmich, Franziska Baier, Christian Wolf, Florian Röser
- 17:50      Fixation duration to concealed information  
Charlotte Schwedes, Dirk Wentura

- 18:10      Judgments of learning are based on encoding fluency  
Monika Undorf, Edgar Erdfelder, Lutz Cüpper

## **Thematic session: Task switching, O 151**

Chair: Ronald Hübner

- 17:10      Determinants of modality compatibility in task switching: Evidence from oculomotor responses  
Denise Nadine Stephan, Iring Koch, Lynn Huestegge
- 17:30      The bivalency effect: Evidence for episodic context binding in task switching  
Alodie Rey-Mermet, Beat Meier
- 17:50      Effects of monetary incentives on task switching  
Thomas Kleinsorge, Gerhard Rinkenauer
- 18:10      On the difficulty of task selection under task-switching and the involved processes  
Ronald Hübner, Lisa Töbel

## **Thematic session: Action & perception II, O 148**

Chair: Roland Thomaschke

- 17:10      ABC versus QWERTZ: Interference from mismatching positions of letters in the alphabet and on the PC keyboard  
Julia Kozlik, Roland Neumann, Wilfried Kunde
- 17:30      Action selection in voluntary task-switching  
Sarah Lukas, Anke Huckauf
- 17:50      Comparing the effects of self-generated and cue-induced explicit expectations - an ERP study  
Maike Kemper, Valentin J. Umbach, Sabine Schwager, Robert Gaschler, Peter A. Frensch
- 18:10      Effector-specific temporal expectancy  
Roland Thomaschke, Gesine Dreisbach

## **Thematic session: Emotion II, O 145**

Chair: Martin Junge

- 17:10      Being moved, being touched, being excited. Complex emotions through the lens of language  
Milena Kuehnast, Eugen Wassiliwizky, Valentin Wagner, Phillipp Ekardt, Julian Hanich, Mira Shah, Thomas Jacobsen, Winfried Menninghaus
- 17:30      Head movements as valid index of approach and withdrawal  
Johannes M. Meixner, André Weinreich, Peter A. Frensch

- 17:50      Scaling techniques can help to test quantitative emotion theories (I)  
              Martin Junge, Katharina Weniger, Rainer Reisenzein
- 18:10      Scaling techniques can help to test quantitative emotion theories (II)  
              Rainer Reisenzein, Evelyn Heuer, Martin Junge

### **Thematic session: Thinking & reasoning II, O 142**

Chair: Michael Öllinger

- 17:10      Comparing the meanings of "if" and "all"  
              Nicole Cruz de Echeverría Loebell, Klaus Oberauer
- 17:30      A dual-process perspective on overconfidence: The metacognitive  
              advantage of rational thinkers  
              Andre Mata, Mario B. Ferreira, Steven J. Sherman
- 17:50      Children and adults generating cues: When ignorance pays  
              Azzurra Ruggeri, Konstantinos Katsikopoulos, Henrik Olsson
- 18:10      The 9-dot problem difficulty: New hints  
              Michael Öllinger, Günther Knoblich

### **Thematic session: Social cognition II, O 135**

Chair: Andreas Eder

- 17:10      Observing shared attention in others enhances gaze following  
              Anne Böckler, Günther Knoblich, Natalie Sebanz
- 17:30      Can implicit motivation be measured? Incentive salience measures based  
              on three IAT modifications  
              Alexandra A. Kraus
- 17:50      Underlying mechanisms in the sorting paired features task  
              Florian Schmitz
- 18:10      A response-discrimination account of implicit attitude measures  
              Andreas Eder, Klaus Rothermund, Jan De Houwer

### **Thematic session: Traffic psychology II, O 133**

Chair: Mark Vollrath

- 17:10      The impact of a combined pedal solution on efficient electric driving and  
              drivers' acceptance: A driving simulator study  
              Monika Jagiellowicz, Marcus Schmitz, Christian Maag, Michael Hanig
- 17:30      "I can see your hear rate" – webcam based analysis of blood pulse  
              associated shifts in skin colour for measuring heart rate  
              Jarek Krajewski, Tom Laufenberg, Sebastian Schnieder

- 17:50 Heads down! Irrelevant aspects of warning displays can influence drivers' response times  
Birte Moeller, Christian Frings
- 18:10 The Lane Change Task's (LCT) measures and metrics: What do they tell us about driver's secondary task demand?  
Anja Katharina Huemer, Mark Vollrath

## **Thematic session: Morality & justice, O 131**

Chair: Jonas Nagel

- 17:10 Plagiarism in psychology: What researchers and students think about it  
Tatjana Stephanie Hilbert, Alexa Alyssa Aufmkolk
- 17:30 Preventing competitive irrationality in management  
Lorenz Graf
- 17:50 Of course, I always accept bribes! - do organizational culture values influence employees' corrupt behavior?  
Jamie-Lee Campbell, Anja S. Göritz
- 18:10 Distance and moral obligations: The role of the location of means  
Jonas Nagel, Michael R. Waldmann

## **Thematic session: Face perception II, O 129**

Chair: Malte Persike

- 17:10 Gaze influences on startle modification by affective faces  
Ole Traupe, Christian Kaernbach
- 17:30 Sub-cortical human face processing: Evidence from masked priming  
Shah Khalid, Peter König, Ulrich Ansorge
- 17:50 The eyes have it - gaze perception and the eye direction aftereffect  
Malte Persike

## **Thematic session: Wahrnehmung & Aufmerksamkeit, SO 318**

Chair: Arvid Herwig

- 17:10 Empirische Überprüfung des Schwellenmodells zur Erklärung der Shepardphänomene mit Hilfe eines kompletten Tonpaarvergleichs  
Stephanie Friederike Malek
- 17:30 Perzeptuelle Transparenz: Ein unterschätzter Faktor in Untersuchungen zur Farbwahrnehmung  
Vebjörn Ekroll, Franz Faul
- 17:50 Transsakkadische Prädiktion bei visueller Suche und Objekterkennung  
Arvid Herwig, Anja Steffen, Werner X. Schneider

18:10      Determinanten der Verarbeitungsreihenfolge im PRP-Paradigma  
Elisabeth Hendrich

### **Monday 18.45- 19.45, Audimax (A3)**

Keynote lecture Eric J. Johnson:  
"Query theory and deciding what we choose"

### **Monday poster session, 2<sup>nd</sup> April, 15.40-17.10**

#### **Self & Person Perception**

- 1      Ego-depletion: Moderation durch Selbstregulation und Selbstkontrolle  
Amir Ghoniem, Nicola Baumann, Stefan Engeser
- 2      Do we lose control, because we think self control resources are limited?  
Maria Wirth, Robert Gaschler, Christine Stelzel, Rosa Steinke, Henrik Walter, Lena Paschke
- 3      Lie detection via voice control  
Stefanie Bosse, Carolin Krzoska, Frank Eggert
- 4      Zusammenhänge zwischen Self-Leadership, emotionaler Intelligenz,  
Mindfulness und Leistung  
Laura Nathalie Hiller, Pierre Sachse, Marco R. Furtner
- 5      Victim or survivor? Effects of labels on the perception of sexual violence  
Michael Papendick
- 6      Your Highness? Differentiating effects of spatial elevation on respect  
Lisa Schubert, Thomas W. Schubert

#### **Applied Cognitive Psychology I**

- 7      Experience or theoretical knowledge - what is needed to recognize  
baggage thieves prior to a deed?  
Corinne Frey, Franz Bättig, Franziska Hofer
- 8      Can active navigation be as good as driving? A comparison of spatial  
memory in drivers and backseat drivers  
Rul von Stülpnagel
- 9      Prediction of food preference based on perceptual processing and choice  
outcome information  
Kerstin Kusch, Robert Mai, Jens R. Helmert, Boris Mitrofanovich Velichkovsky
- 10     Strong vs light: The influence of movement quality on affect and  
cognition  
Sabine C. Koch
- 11     Musik zum Zeitvertreib: Der Einfluss von Musik auf die Zeitwahrnehmung  
Juliane Kämpfe, Peter Sedlmeier

## Problem Solving & Thinking

- 12 Stock-Flow-Systeme besser verstehen: Zur Rolle animierter  
Modelldarstellungen, spezifischer Personenmerkmale und angewandter  
Korrelationsheuristiken  
Marcus Schwarz
- 13 Spatial belief revision and the continuity effect  
Jelica Nejasmic, Leandra Bucher, Markus Knauff
- 14 It's a kind of magic! Investigating insight with magic tricks  
Amory Faber, Michael Öllinger
- 15 Convergent thinking skills operating in open problem spaces  
Marisete Welter, Saskia Jaarsveld, Thomas Lachmann

## Judgment & Decision Making I

- 16 Mood and risky decision making: Effect on information search and choice  
Arlette Bär Deucher
- 17 Guessing in binary choice tasks: Risk propensity and outcome expectations  
Dieter Thoma
- 18 Desirability bias in risk defusing  
Fabienne Keller, Katrin Lunke, Oswald Huber, Odilo W. Huber
- 19 A distinction between 'if' and 'what' uncertainties underlies risky and  
impulsive choice  
Marianna Blackburn, Wael El-Deredy
- 20 Decision making under risk conditions: Roles of task complexity and  
learning  
Elisa Wegmann, Johannes Schiebener, Jens Hofmann, Frank Paul Schulte, Maike  
Kappelhoff, Silke Müller, Matthias Brand
- 21 Fluency moderates framing effects in risky choices  
Stella Wanzel, Sabine G. Scholl, Herbert Bless
- 22 Roles of dysfunctional aspects of perfectionism for decision making with a  
parallel executive task  
Tobias Schöler, Bettina Staschkiewicz, Matthias Brand
- 23 Error-related brain activity and the value of errors  
Martin E. Maier

## Memory I

- 24 Becoming familiar with perceptual item features: Behavioral and ERP  
correlates of familiarity and recollection for perceptually changed versus  
identical pictures  
André Haese, Daniela Czernochowski
- 25 Generation and source memory: The role of an encoding-retrieval match  
Marek Nieznański
- 26 Enhancing long-term retention: Will adaptive memory survive?  
Aurélia Bugaiska, Patrick Bonin



- 27 Dissociable brain oscillatory correlates of successful memory formation during survival versus semantic processing  
Marie-Christin Fellner, Karl-Heinz T. Bäuml, Simon Hanslmayr
- 28 Enhanced memory for emotionally negative stimuli: Storage or retrieval effect?  
Lena Nadarevic
- 29 Does enactment lead to an accelerated recall?  
Veit Kubik, Sven Obermeyer, Monika Knopf
- 30 The development of associative processes in free recall  
Christina Engels, Sebastian Horn, Ute Johanna Bayen, Sarah Müller
- 31 List-strength manipulations in two-alternative forced-choice recognition tasks: Evidence against MINERVA 2?  
Ann-Kathrin Zaiser, André Roock, Martin Brandt
- 32 Reaktivierungshäufigkeit als Grenzbedingung der Rekonsolidierung im episodischen Gedächtnis  
Sonja Wichert, Oliver T. Wolf, Lars Schwabe
- 33 Retrieval-induced forgetting of motor sequences  
Tobias Tempel, Christian Frings

#### Attention I

- 34 Monetary reward and singleton distractor search  
Tanja Kollei
- 35 Salient distracters lead to perceptual errors in a competitive change detection task  
Daniel Schneider, Edmund Wascher
- 36 Change detection is enhanced for objects in near space  
Jan Tünnermann, Frederic Hilkenmeier, Ingrid Scharlau
- 37 Auswirkungen von motorischer und perzeptueller Distanz auf Distraktorverarbeitung  
Nadine Nett, Birte Moeller, Christian Frings
- 38 Recognition inside the depth of field depending on luminance and contrast  
Anne Koepsel, Gabriel I. Yuras Zúñiga, Anke Huckauf
- 39 Unequal target proportions do not only induce a response bias but also specific attentional selection strategies  
Lisa Töbel, Ronald Hübner
- 40 Delayed perceptual awareness in dual-tasking  
Daniel Bratzke, Tanja Seifried
- 41 Inhibition trotz positiver Kompatibilitätseffekte  
Frank Mast, Christian Frings
- 42 Task-(un)specific effects of temporal preparation  
Hannes Schröter, Rolf Ulrich, Jeff Miller

- 43 Kann zeitliche Vorbereitung die Wahrnehmung räumlich unvorhersagbarer Reize verbessern?  
Bettina Rolke, Mareike Schmid, Verena Carola Seibold

### Perception I

- 44 Do horizontal stripes really make you look fat? Perceived width of objects with horizontal and vertical stripes  
Dominique Kopske, Jochen Müsseler
- 45 Judging body-weight from faces: The height-weight illusion  
Tobias Matthias Schneider, Heiko Hecht, Claus Christian Carbon
- 46 Effects of caricaturing shape and texture on face learning: An ERP study  
Marlena L. Itz, Jürgen M. Kaufmann, Claudia Schulz, Stefan R. Schweinberger
- 47 Developmental changes in the microgenesis of face perception revealed by effects of context and inversion  
Bozana Meinhardt-Injac, Jacqueline Zöllig, Malte Persike, Mike Martin, Inge Seiffge-Krenke, Günter Meinhardt
- 48 The own-age bias in face recognition memory does not depend on attention during learning  
Albert End, Holger Wiese, Markus F. Neumann, Stefan R. Schweinberger
- 49 Perceptual load effects when processing distracter faces indicate face-specific capacity limits  
Nilli Lavie, Volker Thoma
- 50 Clinical effects in holistic face processing  
Andreas Fried, Malte Persike, Günter Meinhardt

### Auditory Perception

- 51 Von H bis h": Der SPARC-Effekt über drei Oktaven  
Annegret Wolf, Katrin Bittrich, Sven Blankenberger
- 52 Cortical processing of change in sound location: Smooth motion versus discontinuous displacement  
Stephan Getzmann, Jörg Lewald
- 53 Binaural masking release in forward-masked intensity discrimination  
Martha Kuta, Daniel Oberfeld, Patricia Stahn

### Education

- 54 Comparison of animated and static graphics regarding their efficacy for solving pictorial categorization tasks  
Inga Wagner, Wolfgang Schnotz
- 55 Lernen in einer multimedialen Lernumgebung - wie wirkt sich die (audio-) visuelle Gestaltung von Lernmedien auf den Lernerfolg aus?  
Katrin Semm, Frank Schnell, Simone Ilg, Danja Hackmann

- 56 "Stellen Sie die Folien schon vorher ins Netz?" - Über den langfristigen Lernerfolg in Abhängigkeit vom Zeitpunkt der Verfügbarkeit von Vorlesungsunterlagen  
Martin Ostapczuk, Adrian Hoffmann, Fabia Hoegden, Jochen Musch

## Learning

- 57 "Mach dir keinen Stress" - Über den Einfluss von Stress auf die Leistungsfähigkeit von Studierenden  
Janet Streubel, Regina Grunwald, Kai Sählhoff, Danja Hackmann
- 58 Subliminal instrumental conditioning with immediate and delayed rewards and its relation to trait impulsivity  
Angelika Bocklage, Georg W. Alpers, Michael M. Plichta
- 59 Performance on speed and accuracy in subliminal priming experiments  
Sabine Thomassen
- 60 "Embodied surprise": How facial feedback of surprise influences reaction times in an implicit learning task  
Christina Bermeitinger, Larissa Bonin, Heidi Femppel, Friederike Koch, Anna-Maria Machmer, Dennis Mertens, Julia Schramm, D. Luisa Wilborn
- 61 Spatial implicit learning: Is it based on perceptual or motor processes?  
Katharina Eberhardt, Hilde Haider
- 62 The interplay of implicit and explicit adaptation to a visuomotor transformation in the elderly  
Kathrin Gajda
- 63 Implizites Lernen bei Kindern mit entwicklungsbedingter Lese-Rechtschreib-Schwäche  
Simon Förster, Jascha Rüsseler
- 64 Local and global grammatical structures in aesthetic perception of dance  
Guido Orgs, Patrick Haggard
- 65 The role of focus switching in learning with multiple external representations  
Christiane Baadte, Thorsten Rasch, Helena Honstein
- 66 Voluntary expectation facilitates action preparation  
Valentin J. Umbach, Sabine Schwager, Robert Gaschler, Peter A. Frensch, Torsten Schubert
- 67 Absolutes Gehör mittels adaptiven Paar-Assoziations-Lernens?  
Juliane Katrin Heller, Katrin Bittrich, Sven Blankenberger

## Motivation

- 68 "Spieglein, Spieglein an der Wand - wer ist die Schönste im ganzen Land?"  
Wenn Frauen erhöht auf Beautyprodukte achten  
Annie Srowig, Carolin Kallista, Steffi Großer, Tina Irmscher, Barbara Wehr, Nicolas Koranyi
- 69 Fair proposing increases attractiveness  
Sebastian Najock, Sven Form, Ole Traupe, Christian Kaernbach

- 70 Modulation of computer game errors by social context  
Patricia Land, Thomas Schack, Dirk Koester
- 71 Sind spezifische Komponenten der Selbststeuerung für die  
Leistungsmotivation von besonderer Relevanz?  
Gerald Peter Kolar, Armin Kaser
- 72 Gender-related differences in reactive aggression: An fMRI study  
Adriana Barman, Björn H. Schott, Anna Deibele, Catherine Libeau, Ulrike Krämer,  
Constanze Seidenbecher, Thomas F. Münte, Sylvia Richter
- 73 A vignette study on the perception of aggressive acts at subway stations  
Carolyn Berude
- 74 Which characteristics and attitudes result in staying calm in a cyberbullying  
situation?  
Benjamin Stodt, Christin Polzer, Matthias Brand
- 75 Suppression of aggressive concepts after priming of violent video game  
content  
Daniel Christian Tobias Munko, Julia Kneer, Gary Bente
- 76 Filme mit abschreckender Wirkung: Können Filme zu einer veränderten  
Einstellung hinsichtlich des Fastfoodkonsums führen?  
Philipp Keppler, Salome Rathfelder, Jana Tuncer, Danja Hackmann
- 77 Measurement of situationally induced regulatory strategies: Establishing a  
manipulation check in a sport setting  
Linda Scheithauer, Doris Fay

## Emotion

- 78 If victims become aggressors: Regulation of emotions by the use of  
cyberbullying  
Christin Polzer, Benjamin Stodt, Matthias Brand
- 79 Intensified processing of emotionally and socially significant facial  
expressions: An ERP study  
Florian Bublatzky, Susanne La Mura, Georg W. Alpers
- 80 The implicit positive and negative affect test. Evidence from Turkish  
university students  
Müge Bayramoglu, Regina C. Bode, Markus Quirin
- 81 Sustained phasic electrodermal activity in response to fear  
Christian Kaernbach, Ole Traupe, Sebastian Najock, Tristan Stenner
- 82 Emotion prediction by facial expressions in human-computer interfaces  
Tessa-Karina Tews, Michael Oehl, Taro Kanno, Rainer Hoeger
- 83 Recognition of Emotions in Dance Sequences - das Erkennen von  
Emotionen auf der Grundlage von Tanzsequenzen  
Julia Kaiser

- 84 Measuring experienced utility of students: Comparing the day reconstruction method with a real time method to assess emotional experiences of students  
Hans-Rüdiger Pfister, Gisela Böhm
- 85 Emotional processing and autistic personality traits  
Joram Soch, Anne Assmann, Sylvia Richter, Adriana Barman, Constanze Seidenbecher, Stefan Röpke, Henrik Walter, Björn H. Schott

## Clinical & Health Psychology I

- 86 Facial mimicry to dynamic facial expressions in adolescents with non-suicidal self-injury  
Martina Bürl, Mara Bruggisser, Frank Wilhelm, Marc Schmid, Tina In-Albon
- 87 Do you see what I see? Borderline Personality features and the anger superiority effect  
Johanna Hepp, Inga Niedtfeld, Benjamin E. Hilbig
- 88 Can phonetic voice characteristics measure depression? Applying prosody, articulation, and speech quality features for automatic detection of depressive states  
Sebastian Schnieder, Jarek Krajewski, Andreas Sonderegger
- 89 Müller-Lyer illusion in the initial and advanced stages of schizophrenia  
Irina Shoshina, Yuriy Shelepin, Sergey Pronin
- 90 Response inhibition in ADHD - a new version of the stop signal paradigm  
Beate Ursula Kilian, Thomas Töllner, Kathrin Finke, Hermann J. Müller, Rolf R. Engel, Hans-Jürgen Möller, Kristina Hennig-Fast
- 91 Symbol learning task in early recognition of dyslexia -differences in children with and without familial risk for dyslexia  
Josefine Vollmar, Wolfgang Scharke, Thomas Günther
- 92 Internet addiction - a uni- or multidimensional construct?  
Mirko Pawlikowski, Ingo W. Nader, Christoph Burger, Stefan Stieger, Matthias Brand
- 93 Predictors of excessive Internet use in different age groups  
Julia Janouch, Mirko Pawlikowski, Matthias Brand
- 94 Excessive Internet sex use: Does consumption of Internet pornography gratify the users or compensate missing sexual contacts in real life?  
Christian Laier, Jaro Pekal, Frank Paul Schulte, Matthias Brand
- 95 Gratification as a key factor for excessive usage of Internet sex sites  
Jaro Pekal, Christian Laier, Matthias Brand

**Tuesday morning, 3<sup>rd</sup> April, 9.00–11.00**

### **Symposium: The impact of affect on decision processes, SO 108**

Convenors: Renata Suter, Bettina von Helversen, Renato Frey

- 09:00      Affect influences search and performance in sequential decisions  
              Bettina von Helversen, Rui Mata
- 09:20      How to model the impact of affect on risky choice: Distorted  
              probability weighting or probability neglect?  
              Renata Suter, Thorsten Pachur, Ralph Hertwig
- 09:40      Decisions from experience in the wild: The influence of affective  
              states on information search and decision making  
              Renato Frey, Ralph Hertwig, Jörg Rieskamp
- 10:00      Do people have a preference for increasing or decreasing pain? An  
              experimental comparison of psychological and economic measures in  
              health related decision making  
              Judith Natalie Trarbach, Eike Benjamin Kroll, Bodo Vogt
- 10:20      "Heating-up" vs "cooling-down" in children's, adolescents', and adults'  
              risky choice  
              Bernd Figner
- 10:40      Discussion  
              Klaus Fiedler

### **Symposium: Decision making and cognitive processes II, SN 163**

Convenors: Matthias Brand, Andreas Glöckner

- 09:00      Eye-tracking clinicians  
              Cilia Witteman
- 09:20      Age and decision making under risk conditions: The impact of  
              executive functions and logical thinking  
              Matthias Brand
- 09:40      Situational influences and their interactions with cognitive abilities in  
              risky decision making  
              Johannes Schiebener, Elisa Wegmann, Mirko Pawlikowski, Matthias Brand
- 10:00      When invalid cues cannot be ignored: Visual salience in memory-  
              based decisions  
              Christine Platzer, Arndt Bröder
- 10:20      Measuring cognitive conflict in judgments of truth  
              Pascal J. Kieslich, Benjamin E. Hilbig, Clarissa E. Groß, Theresa M. Strobel
- 10:40      Discussion  
              Andreas Glöckner

## Symposium: Interactions between short-term and long-term memory, SN 169

Convenors: Merle Steinwascher, Thorsten Meiser

- 09:00      Dissecting activation-based memory  
              Eddy Davelaar
- 09:20      Feature overwriting as a limiting mechanism in spatial working  
              memory  
              Katrin Goethe
- 09:40      Attentional capture can (but doesn't have to) affect memory encoding  
              Elke B. Lange, Christian Starzynski, Ralf Engbert
- 10:00      Linguistic knowledge and short-term memory: The role of articulatory  
              fluency  
              Bill Macken, John Taylor, Dylan Jones
- 10:20      Two distinct origins of long-term learning effects in verbal short-term  
              memory  
              Steve Majerus
- 10:40      Individual contributions of long-term memory-based processes and  
              resistance to proactive interference on working memory capacity  
              Merle A. Steinwascher, Thorsten Meiser

## Symposium: Attention, perception, and cognition in dynamic scenes, O 151

Convenors: Markus Huff, Georg Jahn

- 09:00      Reference frames in children's spatial representations  
              Georg Jahn, Markus Krüger
- 09:20      The influence of features on motion correspondence: Limited to short  
              distances in the Ternus display but long-range in split motion  
              Elisabeth Hein, Patrick Cavanagh
- 09:40      Automatic correspondence by surface features across spatiotemporal  
              discontinuities during tracking  
              Frank Papenmeier, Hauke S. Meyerhoff, Georg Jahn, Markus Huff
- 10:00      Attention controls perceptual animacy: Evidence from chasing  
              Hauke S. Meyerhoff, Markus Huff, Stephan Schwan
- 10:20      Changes in goal-directed actions modulate visual attention over time  
              Markus Huff, Frank Papenmeier
- 10:40      Identifying the influences on gaze control in dynamic scenes  
              Tim J. Smith

## **Symposium: Experimental methods in perceptual organization, O 148**

Convenors: Tandra Ghose, Johan Wagemans

- 09:00      A century of Gestalt psychology in perceptual organization: A brief historical, conceptual and methodological introduction  
Johan Wagemans
- 09:20      From image structure to surface perception: Advances in understanding perceptual organization  
Stephen E. Palmer
- 09:40      The microstructure of motion correspondences revealed by the Ternus-Pikler display  
Michael H. Herzog
- 10:00      What type of rectangle is a square?  
Walter Gerbino
- 10:20      Filling in vision  
Rob van Lier
- 10:40      Figure-ground segregation as a dynamic interactive process  
Mary A. Peterson

## **Symposium: Experimental approaches to social cognition in psychopathology, O 145**

Convenors: Inga Niedtfeld, Peter Kirsch

- 09:00      Affective theory of mind in psychiatric disorders  
Daniela Mier, Carina Sauer, Leila Haddad, Stefanie Lis, Peter Kirsch
- 09:20      Emotional communication situation and their cues in major depression  
Christina Regenbogen
- 09:40      Sensitivity for emotional facial expressions in Borderline Personality Disorder: Effects of emotional valence and intensity  
Stefanie Lis, Meike Hagenhoff, Lena Gerstner, Nele Franzen, Georgia Koppe, Petra Netter, Bernd Gallhofer
- 10:00      Social perception in Borderline Personality Disorder: Judgments regarding the trustworthiness of others  
Inga Niedtfeld
- 10:20      Attention to angry faces in Borderline Personality Disorder  
Gregor Domes, Gitta Jacob, Arnoud Arntz
- 10:40      Discussion  
Peter Kirsch



## **Symposium: Cognitive processes underlying behavior in complex environments, O 142**

Convenors: Daniel Memmert, Matthias Weigelt

- 09:00 The attention window: Measuring the maximum breadth of attention  
Stefanie Hüttermann, Daniel Memmert, Daniel Simons, Otmar Bock
- 09:20 That's how we roll - learning the kayak roll improves the ability to mentally rotate objects  
Iris Güldenpenning, Marnie Ann Spiegel, Thomas Schack
- 09:40 Perception of direction and velocity of linear and circular motion patterns affects human performance  
Claudia Classen, Armin Kibele
- 10:00 Calibration and the avoidance of extreme judgments in the beginning of serial evaluations  
Frowin Fasold
- 10:20 Don't think about it: A verbal overshadowing effect in the decisions of soccer referees  
Stefan Koller
- 10:40 Interactions in sport  
Timo Klein-Soetebier, Matthias Weigelt

## **Symposium: Toward underlying mechanisms of the joint go-nogo Simon effect, O 135**

Convenors: Thomas Dolk, Anna Stenzel, Roman Liepelt

- 09:00 The paradoxical impact of sexual desire on self-other integration and mutual trust  
Bernhard Hommel
- 09:20 When are externally controlled actions included in one's action planning?  
Natalie Sebanz
- 09:40 When task sharing eliminates the Simon effect: Opposite effects of social and spatial components  
Roberta Sellaro
- 10:00 Co-representing objects like they are human  
Rick van Baaren
- 10:20 When do we co-represent humanoid robots?  
Anna Stenzel, Eris Chinellato, Maria A. Tirado Bou, Angel P. del Pobil, Markus Lappe, Roman Liepelt
- 10:40 From the bottom to the top: Non-social salient action events induce referential coding in a go-nogo Simon task  
Thomas Dolk, Bernhard Hommel, Wolfgang Prinz, Roman Liepelt

## **Thematic session: Language production & comprehension, O 133**

Chair: Peter Sedlmeier

- 09:00 Are influences of phonological information on lexical selection in word production subject to speaker control?  
Eva Belke
- 09:20 A memory based language-switching paradigm  
Mathieu Declerck, Andrea M. Philipp, Iring Koch
- 09:40 Recency effects of spatial distance on abstract semantic interpretation: Facilitation versus interference effects  
Ernesto Guerra, Pia Knoeferle
- 10:00 Individual differences in the second language comprehension of ambiguous sentences  
Holger Hopp
- 10:20 Selective attention in the cocktail party: Bilingual speech comprehension in dichotic listening  
Vera Lawo, Janina Fels, Bruno Masiero, Andrea M. Philipp, Iring Koch
- 10:40 Sex and meaning: Grammatical gender effects in German and Tamil  
Peter Sedlmeier

## **Symposium: Hindsight Bias and learning, O 131**

Convenor: Hartmut Blank

- 09:00 Hindsight bias and learning: A theoretical introduction  
Hartmut Blank
- 09:20 An adaptive-learning framework to explain hindsight bias  
Liang Sheng, Rüdiger Pohl
- 09:40 Hindsight bias and adaptive learning: A pilot study using a transfer paradigm  
Diana Kuhl, Hartmut Blank
- 10:00 Is hindsight bias a by-product of knowledge-updating?  
Steffen Nestler
- 10:20 Intentional learning of the correct judgment: Effects on hindsight bias  
Julia Groß, Ute Johanna Bayen
- 10:40 Discussion  
Rüdiger Pohl

## Symposium: Psychological perspectives on charitable giving, O 129

Convenor: Stephan Dickert

- 09:00 When more information hurts: The effects of unpacking in donation requests  
Stephan Dickert
- 09:20 The size and distribution of donations: Effects of number of recipients  
Emre Soyer
- 09:40 Same numbers, different meanings: How numeracy influences the importance of numbers for pro-social behavior  
Janet Kleber, Stephan Dickert, Ellen Peters, Arnd Florack
- 10:00 Warm-glow giving and awareness of those we cannot help  
Daniel Västfjäll, Paul Slovic
- 10:20 The emotional cost of charitable donations  
Enrico Rubaltelli, Sergio Agnoli
- 10:40 Helping one while neglecting others: The role of attention in donation decisions involving multiple targets  
Nathaniel J. S. Ashby, Stephan Dickert, Andreas Glöckner, Paul Slovic

## Thematic session: Applied social psychology, SO 318

Chair: Oliver Dickhäuser

- 09:00 Facing a "sexually open" woman vs. a feminist woman moderates links of men's harassment myths acceptance and mating orientation with specific forms of sexual harassment  
Charlotte Sophie Diehl, Gerd Bohner
- 09:20 Manipulating basking in reflected glory and cutting of reflected failure  
Sarah Niemeier
- 09:40 Goal-directed lie detection: The effect of lie and truth goals on the process and accuracy of credibility judgments  
Tamara Marksteiner, Marc-André Reinhard, Oliver Dickhäuser, Karl Ask
- 10:00 Social role of the perceiver and causal structure of a risk as determinants of risk perception and risk behavior  
Gisela Böhm, Hans-Rüdiger Pfister
- 10:20 Effects of loneliness priming on anthropomorphic inferences about a social robot  
Friederike Eyssel, Natalia Reich
- 10:40 When deeper evaluation means: It's more about me!  
Oliver Dickhäuser, Marc-André Reinhard

## **Tuesday 11.30-12.30, Audimax (A3)**

Keynote lecture James S. Nairne:

“Adaptive memory: Evolutionary constraints on remembering”

## **Tuesday early afternoon, 3<sup>rd</sup> April, 14.00-15.40**

### **Symposium: Color effects on cognition, motivation, and creativity, SO 108**

Convenor: Sascha Schwarz

- 14:00      Red – take a closer look  
Vanessa L. Buechner, Markus Andreas Maier
- 14:20      Neural basis of the romantic red effect  
Daniela Niesta-Kayser
- 14:40      Romantic red revisited: Red enhances men’s attraction to young women – and young women chose a red dress to impress  
Sascha Schwarz
- 15:00      The color green and its positive effect on creative performance  
Stephanie Lichtenfeld, Andrew J. Elliot, Markus Andreas Maier, Reinhard Pekrun
- 15:20      Color in context  
Markus Andreas Maier

### **Symposium: How does stress affect decision making?, SN 163**

Convenor: Katrin Starcke

- 14:00      How acute psychosocial stress and a secondary cognitive task influence decision making in a risky decision making context  
Stephan Pabst, Daniela Schoofs, Oliver T. Wolf
- 14:20      Neural correlates of decision making under stress  
Bettina Staschkiewicz, Frank Paul Schulte, Stefan Maderwald, Mirko Pawlikowski, Katrin Starcke, Lena Schäfer, Tobias Schöler, Oliver T. Wolf, Matthias Brand
- 14:40      Effects of acute stress on economic decision making under risk  
Magdalena Buckert, Christiane Schwieren, Brigitte M. Kudielka, Christian Fiebach
- 15:00      Effects of acute stress on social behavior in men  
Bernadette von Dawans, Urs Fischbacher, Clemens Kirschbaum, Ernst Fehr, Markus Heinrichs
- 15:20      Effects of acute and chronic stress on utilitarian moral judgment  
Katrin Starcke, Anne Catrin Ludwig, Matthias Brand

## Symposium: Episodic memory: cognitive, emotional, and developmental processes, SN 169

Convenors: Alp Aslan, Bernhard Pastötter

- 14:00      The influence of semantic priming on episodic retrieval: A developmental ERP study  
Kerstin Kipp, Axel Mecklinger
- 14:20      The two faces of memory retrieval in children  
Alp Aslan, Karl-Heinz T. Bäuml
- 14:40      Integrated memories are resistant to retrieval-induced forgetting - but not when tested in negative affective states  
Christof Kuhbandner
- 15:00      Item-method directed forgetting revisited: Findings on its relation to (traumatic) stress  
Bastian Zwissler, Johanna Kissler
- 15:20      Selectivity of directed forgetting in multiple-list learning  
Bernhard Pastötter, Oliver Kliegl, Karl-Heinz T. Bäuml

## Thematic session: Cognitive development, O 151

Chair: Gabriele Janzen

- 14:00      Sensorimotor transformation and compatibility effects in children: A comparison between 5 to 7 and 8 to 10 year-olds  
Eva-Maria Skottke, Christine Sutter, Jochen Müsseler
- 14:20      Separating task-specific and developmental effects in visual word recognition  
Sascha Schroeder
- 14:40      Developmental shift in predominance of spatial coding systems in two-year-old children  
Gabriele Janzen, Danielle van den Brink
- 15:00      Schlafassoziierte Konsolidierung emotionaler Gedächtnisinhalte bei Kindern im Vergleich zu Erwachsenen  
Ina Molzow, Alexander Prehn-Kristensen, Björn Osterhage, Martin Behrendt, Manuel Munz, Lioba Baving
- 15:20      Schlaf fördert prozedurales Gedächtnis bei Erwachsenen aber nicht bei Kindern  
Alexander Prehn-Kristensen

## **Symposium: Now you hear it, now you don't: Listening for objects in auditory scenes, O 148**

Convenors: Kathrin Lange, Susanne Mayr

- 14:00 To hear or not to hear: The change-deafness effect with pure-tone chords  
Robert Schnuerch, Carina Kreitz, Martin Heil, Kathrin Lange
- 14:20 The role of neural adaptation in the change-deafness effect  
Carina Kreitz, Robert Schnuerch, Kathrin Lange
- 14:40 Auditory spatial negative priming: Are responses to irrelevant sound locations suppressed?  
Malte Möller, Susanne Mayr, Axel Buchner
- 15:00 Search in an acoustic environment of natural sounds: The role of spatial separation of the sound sources  
Susanne Mayr, Gunnar Regenbrecht, Kathrin Lange, Albert-Georg Lang, Axel Buchner
- 15:20 Search in an acoustic environment of musical instruments: How pitch difference modulates the effect of spatial separation between sound sources  
Gunnar Regenbrecht, Susanne Mayr, Kathrin Lange, Albert-Georg Lang, Axel Buchner

## **Symposium: Adult age differences in visual cognition, O 145**

Convenors: Kathrin Finke, Iris Wiegand

- 14:00 Age-related changes on grouping by closure and collinearity in visual search for a Kanizsa-type target configuration  
Markus Conci, Iris Wiegand, Hermann J. Müller, Kathrin Finke
- 14:20 Adult age differences in visual search from perception to response: Evidence from lateralized event-related potentials  
Iris Wiegand, Kathrin Finke, Hermann J. Müller, Thomas Töllner
- 14:40 Visual attentional functions in normal aging based on a theory of visual attention  
Petra Redel, Elena Tsankova, Peter Bublak, Hermann J. Müller, Kathrin Finke
- 15:00 Age-related differences in filtering, attentional control, and working memory capacity  
Kerstin Jost
- 15:20 Lifespan age differences in working memory: Insights from behavioral and electrophysiological markers of maintenance and selectivity  
Myriam Christine Sander, Ulman Lindenberger, Markus Werkle-Bergner

## Symposium: Evaluative Conditioning I, O 142

Convenors: Nicolas Koranyi, Anne Gast

- 14:00 I like E.T. - and E.T.'s planet as well? Generalization effects in evaluative conditioning  
Tina Glaser, Dieta Kuchenbrandt
- 14:20 To like or not to like? Creating ambivalent, positive and negative attitudes by evaluative conditioning  
Marcella Lydia Woud, Annemarie M. Wennekers, Eni S. Becker, Mike Rinck
- 14:40 "Although quite nice, the person somehow did not arouse my interest": Pictures of already romantically committed opposite-sex others fail to produce positive evaluative conditioning effects in single participants  
Nicolas Koranyi, Anne Gast, Klaus Rothermund
- 15:00 Prepared learning - situational context effects in evaluative conditioning  
Roland Imhoff, Fenne große Deters, Rainer Banse
- 15:20 What we know about non-evaluative conditioning: Current findings and theory  
Sabine Förderer

## Symposium: Numerical cognition I, O 135

Convenors: Martin H. Fischer, Oliver Lindemann

- 14:00 Experience counts: A cross-cultural study of counting biases in children  
Silke Melanie Goebel, Martin H. Fischer, Samuel Shaki
- 14:20 Embodied training of the mental number line  
Tanja Simone Link, Korbinian Moeller, Stefan Huber, Ursula Fischer, Hans-Christoph Nuerk
- 14:40 Brain structure predicts representational biases in number cognition  
Florian Krause
- 15:00 Numerical magnitude interference in perceptual processing  
Oliver Lindemann, Florian Krause
- 15:20 Discussion (20 years of SNARC)  
Martin H. Fischer

## **Symposium: Cognitive control: Experimental psychology and cognitive neuroscience, O 133**

Convenors: Sebastian Markett, Ulrich Ettinger

- 14:00      The integration of motivation and conflict-triggered control in the Stroop task  
Alexander Soutschek, Torsten Schubert
- 14:20      Neurocognitive mechanisms of inhibitory control  
Ulrich Ettinger
- 14:40      Nicotine differentially modulates antisaccade performance in healthy male non-smoking volunteers stratified for low and high accuracy  
Nadine Petrovsky, Ulrich Ettinger, Boris Quednow, Henrik Walter, Knut Schnell, Henrik Kessler, Rainald Mössner, Wolfgang Maier, Michael Wagner
- 15:00      Serotonin and attentional control: Genetic impact on gamma-band activity in humans  
Sören Enge, Monika Fleischhauer, Klaus-Peter Lesch, Andreas Reif, Alexander Strobel
- 15:20      Molecular genetic influences on executive control: A latent-variable approach  
Sebastian Markett

## **Symposium: Formal models of memory processes, O 131**

Convenor: Christoph Stahl

- 14:00      Testing the testing effect: A multinomial processing-tree analysis  
Simone Malejka, Edgar Erdfelder
- 14:20      A hierarchical MPT modeling approach to investigating the relationship between prospective memory and working memory  
Nina Rebecca Arnold, Ute Johanna Bayen, Rebekah E. Smith
- 14:40      Dual processes in episodic memory: Evidence from reversed associations  
Roscoe Araujo, Christoph Stahl
- 15:00      Boundary conditions of context-context binding: A formal model-based study of episodic memory  
Dennis Boywitt, Thorsten Meiser
- 15:20      The flexibility of models of recognition memory: An analysis by the minimum-description length principle  
David Kellen, Karl Christoph Klauer



## Symposium: Dreaming, O 129

Convenor: Clemens Frenzel

- 14:00 Induction of altered states of consciousness via low voltage alternating current stimulation (tACS)  
Judith Koppehele-Gossel, Katharina Bey, Clemens Frenzel, Anna Melnikova, Ursula Voss
- 14:20 Suggestibility of dream contents  
Anna Melnikova
- 14:40 Reading out the black box - a semantic analysis of dream reports  
Jana Speth
- 15:00 Prefrontal activation and semantics in dreams  
Clemens Frenzel, Judith Koppehele-Gossel, Allan Hobson, Ursula Voss
- 15:20 Discussion  
Ursula Voss

## Symposium: Placebo and nocebo effects (...), SO 318

Convenor: Sandra Kamping

- 14:00 Placebo and nocebo effects - the roles of expectancy and conditioning  
Sandra Kamping, Maike Müller, Herta Flor
- 14:20 Learning a nocebo response - classically conditioned hyperalgesia  
Anne-Kathrin Bräscher
- 14:40 Placebo and nocebo effects in visceral pain  
Julia Schmid, Sven Benson, Mareike Baesler, Elvir Cesko, Manfred Schedlowski, Sigrid Elsenbruch
- 15:00 Psychological mechanisms of placebo and nocebo effects in the treatment of chronic back pain  
Julia Schmitz
- 15:20 Somatotopy of placebo analgesia  
Christoph Ritter, Thomas Wolbers, Ulrike Bingel

**Tuesday late afternoon, 3<sup>rd</sup> April, 15.40-17.10**

## Thematic session: Decision strategies I, SO 108

Chair: Julian N. Marewski

- 17:10 Automatic activation of attribute knowledge in heuristic inference from memory  
Patrick H. Khader, Thorsten Pachur, Kerstin Jost
- 17:30 Inference mechanisms for missing cue values: Adaptive usage of base-rates and discrimination-rates  
Viktoriya Maydych, Marc Jekel, Andreas Glöckner

- 17:50      What is your preferred decision style? - Decision making strategies tested online  
Daniel Hausmann
- 18:10      Cognitive niches: An ecological model of strategy selection  
Julian N. Marewski, Lael Schooler

### **Thematic session: Judgment and decision making, SN 163**

Chair: Stefan Herzog

- 17:10      Effects and non-effects of processing fluency  
Frank Renkewitz, Cornelia Betsch, Niels Haase, Elisa Herbert, Philipp Schmid
- 17:30      "Album of the year"? Serial position effects in evaluations of cultural products  
Emina Canic, Thorsten Pachur
- 17:50      How are expectations updated in the absence of feedback?  
Bence Lukacs, Csongor Cserep, Judit B. Komlos, Balazs Aczel
- 18:10      Averaging analytical and intuitive judgment with dialectical bootstrapping: The wisdom of an intuitive-analytical crowd within one mind  
Stefan Herzog

### **Thematic session: Memory I, SN 169**

Chair: André Abfalq

- 17:10      Directed forgetting, testing, and context change reduce proactive interference through a reduction in search set size  
Oliver Kliegl, Karl-Heinz T. Bäuml
- 17:30      Retrieval practice consolidates practiced and related unpracticed memories  
Magdalena Abel, Karl-Heinz T. Bäuml
- 17:50      Is termination of memory search rational?  
Erica Yu, Erika Hussey, Michael Dougherty, Isaiah Harbison, Eddy Davelaar
- 18:10      A test of the fluency-attribution hypothesis of the revelation effect  
André Abfalq

### **Thematic session: Visual attention I, O 151**

Chair: Ulrich Ansorge

- 17:10      On the fate of distractor representations  
Christian Frings

- 17:30 Oculomotor inhibition of emotional distractors: Evidence from saccadic curvatures  
Kalina Petrova, Dirk Wentura
- 17:50 The role of inhibition of return in repeated visual search  
Margit Höfler, Iain D. Gilchrist, Christof Kömer
- 18:10 Top-down search for color prevents voluntary directing of attention to informative singleton cues  
Ulrich Ansorge

## Thematic session: Visual perception I, O 148

Chair: Stephen E. Palmer

- 17:10 Investigating crossmodal priming effects: Congruent auditory word primes improve the detection of visual target objects  
Angela Mahr, Tanja Schneeberger, Dirk Wentura
- 17:30 Unconscious semantic priming and cognitive control: Can unconsciously activated semantic categories trigger inhibition processes?  
Heiko Reuss, Roland Pfister, Carsten Pohl
- 17:50 Mapping the perceptual structure of rectangles through goodness-of-fit ratings  
Stefano Guidi, Stephen E. Palmer
- 18:10 The time course of the Ebbinghaus illusion  
Filipp Schmidt, Lisa Noé, Lukas Hoffmann, Thomas Schmidt, Andreas Weber

## Thematic session: Emotion III, O 145

Chair: Lukas Giesinger

- 17:10 Perceptions of control modulate the Cortisol Awakening Response (CAR) during menstruation and mediate mental health  
Daina Crafa, Markus Quirin
- 17:30 Threatening joy: Approach and avoidance behaviors to emotions are influenced by the group membership of the expresser  
Andrea Paulus, Dirk Wentura
- 17:50 The effect of mood states on the pursuit of explicit goal standards  
Jenny V. Bittner
- 18:10 Sadder but not wiser: The role of mood, self-esteem, and life stress in preference consistency  
Lukas Giesinger, Veronika Brandstätter

## Thematic session: Working memory I, O 142

Chair: Miriam Gade

- 17:10      Mental objects for mental operations - selection processes in verbal working memory  
Sabine Schwager
- 17:30      Common attentional processes for memory-guided saccades and visual working memory: Evidence from SOA-dependent interference effects  
Gordian Griffiths, Werner X. Schneider
- 17:50      Spatial imprecision in focusing attention in visual working memory  
Laura Hein, Klaus Oberauer
- 18:10      Load effects support the distinction of declarative and procedural working memory  
Miriam Gade, Michel Druey, Alessandra da Silva Souza, Klaus Oberauer

## Symposium: Numerical cognition II, O 135

Chair: Oliver Lindemann, Martin H. Fischer

- 17:10      Differential achievement gains for basic arithmetic in German secondary schools?  
Korbinian Moeller, Stefan Huber, Hans-Christoph Nuerk
- 17:30      The visual-verbal cognitive style in solving arithmetical word problems  
Sabrina Zarnhofer, Verena Braunstein, Franz Ebner, Karl Koschutnig, Gernot Reishofer, Christa Neuper, Anja Ischebeck
- 17:50      Comparing fractions and proportions. Evidence for different roles of the left and right parietal lobe in quantity processing  
Anja Ischebeck
- 18:10      Numerical cognition: Grounded, embodied and situated  
Martin H. Fischer

## Thematic session: Applied cognitive psychology I, O 133

Chair: Behrang Keshavarz

- 17:10      Hindsight Bias 2.0 - Der Rückschaufehler in Wikipedia  
Aileen Oeberst, Steffen Nestler
- 17:30      Umwelteinflüsse oder Fahrerintention? Was bestimmt die Wahl der Geschwindigkeit?  
Andreas Ding, Stefan Brandenburg
- 17:50      Wirkung von Warnungen in kooperativen Verkehrsszenarien als Grundlage für Fahrermodellierung  
Firas Lethaus, Martin Baumann, Christian Harms, Marco Hannibal, Stefan Kubica, Hendrik Roessler, Tetiana Zinchenko

- 18:10 Der Einfluss von Stereopsis und Sound auf Motion Sickness  
Behrang Keshavarz, Heiko Hecht

### **Thematic session: Formal methods, O 131**

Chair: Werner W. Wittmann

- 17:10 Measuring the prevalence of questionable research practices with incentives for truth-telling  
Leslie John
- 17:30 The randomized control group design (RCT): Strength, weaknesses, booby traps and pitfalls  
Werner W. Wittmann
- 17:50 A comparison of two-dimensional signal detection models of Remember-Know Judgments  
Siegfried Macho
- 18:10 Retest-Reliabilität in Reaktionszeitexperimenten: Nichtparametrische und parametrische Maße, Parameter der Verteilungsform und des Diffusionsmodells  
Markus Nagler, Andreas Voss

### **Thematic session: Wort- und Textbedeutung, O 129**

Chair: Maria Bronk

- 17:10 Transfereffekte und wortartenabhängige Verbesserung von fremdsprachlichem Textverständnis – eine Eye-tracking Studie  
Manuel Neurauter, Marco R. Furtner, Pierre Sachse
- 17:30 Modalitätsspezifische Repräsentation von handlungs- und geräuschbezogenen Begriffen im mittleren temporalen Kortex  
Natalie Maria Trumpp
- 17:50 Stroopinterferenz nach positiv und negativ valenzierten Leistungswörtern  
Stefan Engeser
- 18:10 Ein Stück Pustekuchen gefällig? – Zur Verarbeitung von morphologisch komplexen Wörtern  
Maria Bronk, Pienie Zwitserlood, Jens Bölte

### **Symposium: Music Cognition, SO 318**

Convenor: Thomas Schäfer

- 17:10 Prosocial effects of music facilitated by values: Experimental evidence across domains and cultures  
Diana Boer, Ronald Fischer, Joseph Chan-Goldstein, Andrew Chang

- 17:30 Long-term representations in melody cognition: Influences of tempo, musical expertise and cultural background  
Niklas Büdenbender, Gunter Kreutz
- 17:50 How does attentive analytical music reception influence self-regulation?  
Tim Loeptien, Bernhard Leipold
- 18:10 Involuntary musical imagery – structural patterns reveal the 'stickiness' of earworms  
Sebastian Finkel

## Tuesday poster session, 3<sup>rd</sup> April, 15.40–17.10

### Traffic

- 1 Eine Realfahrtstudie zur Müdigkeitsklassifizierung in Abhängigkeit der Fahrumgebung  
Mark Vollrath, Elke Muhrer, Klaus Reinprecht
- 2 Automation und ihre Konsequenzen für die kognitiven Prozesse von Fahrern  
Fabian Utesch, Klaus Reinprecht, Mark Vollrath, Elke Muhrer
- 3 The influence of affective states on driving behavior of novice and young drivers  
Michael Oehl, Felix Wilhelm Siebert, Hans-Rüdiger Pfister, Rainer Höger
- 4 Headway control and comfort in vehicle automation  
Felix Wilhelm Siebert, Christoph Ruth, Michael Oehl, Wiebke Mahlfeld, Hans-Rüdiger Pfister, Rainer Höger
- 5 Einfluss des Wechsels des genutzten Displayausschnitts auf die Bedienbarkeit von Fahrerinformationssystemen  
Susanne Jeßberger, Stefan Mattes, Gerhard Rinkenauer
- 6 Stimulus control, incompatibility and pedestrian road crossing behavior: An integrative perspective  
Florian Lange, Frank Eggert
- 7 Mobilitätsverhalten in Abhängigkeit infrastruktureller Veränderungen im öffentlichen Nahverkehr  
Michael Haiduk, Florian Lange, Marian Luckhof, Anke Schwarze, Frank Eggert
- 8 Likelihoodalarme im Fahrzeug: Strategien zur Vorbereitung des Fahrers auf Automationsfehlverhalten bei automationsunterstütztem Fahren  
Matthias Heesen, Alexandra Keich, Martin Baumann
- 9 Environmental and personal influences on choice of driving speed  
Stefan Brandenburg

## Action & Perception

- 10      The development of action perception: Disentangling identity and location of action goals  
Manja Attig, Ivanina Henrichs, Birgit Elsner, Moritz M. Daum
- 11      Action observation: Spatial cueing by dynamic stimuli  
Caroline Wronski, Moritz M. Daum
- 12      No evidence for the influence of distance between response keys on categorization times  
Owino Eloka, Volker H. Franz
- 13      Modality compatibility using foot responses in task switching  
Johanna Josten, Denise Nadine Stephan, Andrea M. Philipp, Iring Koch
- 14      Action and digit specific plasticity of distance perception in near space  
Waldemar Kirsch, Wilfried Kunde
- 15      Color and the coupling between attention shifts and saccades  
Sabine Born, Dirk Kerzel, Ulrich Ansorge
- 16      Mood states determine cognitive control regulations of task shielding in dual-task performance  
Rico Fischer, Katharina Zwosta, Thomas Goschke, Bernhard Hommel

## Perception II

- 17      Dimensionality of the perceptual space of achromatic color perception  
Nora Umbach, Jürgen Heller
- 18      Effects of temporal stimulus presentation order on discrimination performance: Evidence for an internal reference model  
Oliver Dyjas, Karin Maria Bausenhardt, Rolf Ulrich
- 19      Tactile acuity charts: A reliable measure of spatial resolution  
Patrick Bruns, Carlos J. Camargo, Humberto Campanella, Jaume Esteve, Brigitte Roeder
- 20      Does the brain integrate sensory and motor timing for accurate actions?  
Stephanie Ganzenmüller, Zhuanghua Shi, Hermann J. Müller
- 21      How long depends on how fast -flicker frequencies influence duration judgments  
Sophie Herbst, Amir Homayoun Javadi, Niko A. Busch
- 22      Wahrgenommene räumliche Objektrennung führt zur Abschwächung des Chevreul-Effekts  
Nick Schlüter, Jürgen Golz

## Visual Perception

- 23      Temporal ventriloquism effects in perceived duration  
Karin Maria Bausenhardt, Rolf Ulrich

- 24 Hemispheric lateralization of visual body self-perception – a behavioral morphing approach  
Barbara Vogt, Claudia Pelke, Nicole David, Simone Schütz-Bosbach
- 25 Automatic deviance processing during the attentional blink: An event-related brain potential study  
Stefan Berti
- 26 The Mona Lisa effect and its potential neural correlates  
Evgenia Boyarskaya, Heiko Hecht
- 27 Hypnotic modulation of semantic priming  
Martin Ulrich, Klaus Hönig, Walter Bongartz, Georg Grön, Markus Kiefer
- 28 Auditive Startle-Konditionierung von Streifenmustern wirkt sich nicht auf deren Wahrnehmungsschwelle aus  
Kathrin Thaler, Simon Mota, Philipp Hintze, Maximilian Bruchmann
- 29 Affective conditioning can reduce the effect of metacontrast masking  
Philipp Hintze, Markus Junghöfer, Maximilian Bruchmann
- 30 Cross-modal processing of emotional pictures and sounds  
Antje B.M. Gerdes, Michael M. Plichta, Andreas J. Fallgatter, Georg W. Alpers

## Attention II

- 31 How visual search benefits from prior experience with a display: Evidence from eye fixations  
Philipp Ludersdorfer, Iain D. Gilchrist, Christof Kömer
- 32 The fate of visual object representations under change blindness  
Niko A. Busch
- 33 Measuring the influence of eye colour and gender on the attentional bias for faces  
Christian Valuch, Ulrich Ansorge
- 34 Does predictability modulate adaptation to relocated targets in contextual cueing?  
Martina Zellin, Markus Conci, Adrian von Mühlenen, Hermann J. Müller
- 35 The influence of a social-evaluative context on simple cognitive tasks  
Svenja Böttcher, Gesine Dreisbach
- 36 Does the heart beat make us tick? The impact of heart rate and arousal on time perception  
Isabell Winkler, Marcus Schwarz, Peter Sedlmeier

## Applied Social Psychology

- 37 "Pay what you want": The interplay of reciprocity norm and freedom of choosing the price on purchase behavior  
Julia Haller, Katerina Richter, Gerd Bohner
- 38 Identification and game difficulty in video games: The mediating role of flow  
Sina A. Klein, Peter Vorderer



- 39 Bittersweet in the orbitofrontal cortex? A fMRI study on neural correlates of the perception of bittersweet movie clips  
Frank Paul Schulte, Nicole C. Krämer, Stefan Maderwald, Matthias Brand
- 40 Social facilitation with social robots?  
Nina Riether, Gernot Horstmann, Frank Hegel

### **Social Cognition I**

- 41 Beliefs and performance in a mental rotation task  
Konstanze Albrecht, Nora Szech, Emma von Essen
- 42 JA geht schneller als NEIN: Hat JA eine positive Valenz?  
Irmgard de la Vega, Monica De Filippis, Carolin Dudschig, Martin Lachmair, Barbara Kaup
- 43 How diversity training can change attitudes: Increasing perceived diversity of superordinate groups to improve intergroup relations  
Franziska Ehrke, Anne Berthold, Melanie C. Steffens
- 44 Resistance is futile! The influence of relevance on the resistance of attitudes  
Birga Mareen Schumpe, Hans-Peter Erb
- 45 Persuasion by arguments: The case of gender-inclusive language  
Sara Koeser, Sabine Sczesny
- 46 Belonging to a majority buffers social exclusion  
Jennifer Eck, Christiane Schoel, Rainer Greifeneder
- 47 Wer hat Angst vorm schwarz(haarig)en Mann? Effekte von Haarfarbe und Gesichtsausdruck auf das Erkennen von Waffen und Werkzeugen  
Miriam Hans, Judith Henle, Theresa Neutze, Andreas Voss
- 48 Estimating the contributions of associations and recoding in the implicit association test: The ReAL model for the IAT  
Franziska Meissner, Klaus Rothermund
- 49 Fremdschämen - Defining and Measuring it  
Paul Alvarez Löblich
- 50 Social influence and the moderating effect of task difficulty on the wisdom of crowds  
Juliane Eva Kämmer, Pantelis Pipergias Analytis, Hansjörg Neth, Mehdi Moussaïd

### **Judgment & Decision Making II**

- 51 How to measure confidences? - The development of a confidence profile for theoretical understanding and medical practice  
Linda Bestler, Daniel Hausmann
- 52 The effect of framing on decisions about priority setting in medicine  
Jessica Schröter, Adele Diederich
- 53 Fast and frugal personnel selection: Is there really a need for complex evaluation?  
Dorothee Schmid, Joscha Köpke, Julian N. Marewski

- 54 Experimental validation of the HEXACO personality model in bargaining games  
Felix Leist, Benjamin E. Hilbig, Ingo Zettler
- 55 Explaining the dilution effect with the configural weighted average model  
Mirjam Annina Jenny
- 56 Correlating physiological with behavioural data in quality research  
Sebastian Arndt, Jan-Niklas Antons, Robert Schleicher, Sebastian Möller, Simon Scholler, Gabriel Curio
- 57 Planet error: The processing of intentional errors  
Robert Wirth, Roland Pfister, Wilfried Kunde

## Memory II

- 58 Memory indexing of sequential symptom processing in diagnostic reasoning  
Janina Braatz, Georg Jahn
- 59 The role of cultural life scripts in shaping memory for fictional life stories  
Jonathan Koppel
- 60 Learning faces vs. learning images: Effects of stimulus variability on face learning and recognition  
Kristin Oehler, Claudia Schulz, Jürgen M. Kaufmann, Stefan R. Schweinberger
- 61 The effect of divided attention and aging on recognition of positive faces in older and younger adults  
Natalie Berger, Elizabeth A. Kensinger, Katja Werheid
- 62 Specificity effects and list-length effects in event-based prospective memory: A model-based approach  
Ann-Katrin Wesslein, Jan Rummel, Dennis Boywitt
- 63 The failure of deactivating intentions: Aftereffects of completed intentions in the repeated prospective memory cue paradigm  
Moritz Walser, Rico Fischer, Thomas Goschke
- 64 Rigid or flexible activation of intentions? On the role of the proximity of a retrieval opportunity  
Janette Schult, Melanie C. Steffens
- 65 Effects of sleep deprivation on prospective memory  
Tobias Grundgeiger, Ute Johanna Bayen, Sebastian Horn
- 66 NMDA-receptor-coagonist d-cycloserine facilitates sleep-dependent consolidation of declarative memories  
Gordon Benedikt Feld, Susanne Diekmann, Ines Wilhelm, Jan Born

## Working Memory

- 67 The effect of foreknowledge upon selection of declarative and procedural representations  
Alessandra da Silva Souza, Miriam Gade, Michel Druet, Klaus Oberauer

- 68 Declarative and procedural working memory: Evidence for analogous processing mechanism  
Michel Druey, Mike Wendt, Klaus Oberauer, Miriam Gade, Aquiles Luna-Rodriguez, Alessandra da Silva Souza, Thomas Jacobsen
- 69 Visual features' representations in an n-back letter match task  
Anne Fürstenberg, Ralf Rummer, Judith Schewpe
- 70 Irrelevant speech effect in young children and adults  
Andrea Christina Prölb, Thomas Lachmann, Maria Klatte
- 71 Komponenten des visuell-räumlichen Arbeitsgedächtnisses und ihre Relation zur Performanz beim deterministischen Sequenzlernen  
Markus Martini, Pierre Sachse

## Language & Word Processing

- 72 Does lexical processing in speech production require central or domain-specific resources?  
Madlen Paucke, Frank Oppermann, Jörg D. Jescheniak
- 73 Gender-fair language in German: Motivational predictors on ability and use  
Elisabeth Angela Kuhn
- 74 Word order and phonological priming in multi-word utterances  
Andreas Mädebach, Carolin Hübner, Nicole Hudl, Maren Wilczek, Jörg D. Jescheniak
- 75 The influence of frequency trajectory in word recognition: A cross-task comparison  
Patrick Bonin, Bernard Lété
- 76 Structural priming of voice in German  
Maria Heymann, Sandra Pappert
- 77 Electrophysiological investigations of emotional speech production  
Lana Rohr, Rasha Abdel Rahman
- 78 The influence of ad hoc relations on speech production: Electrophysiological evidence  
Sebastian Benjamin Rose, Alissa Melinger, Rasha Abdel Rahman
- 79 Acquiring meaning on the fly - how are artificially learned novel colour words integrated into lexico-semantic memory?  
Sebastian Geukes, M Gareth Gaskell, Pienie Zwitserlood

## Reading

- 80 German capitalization of nouns and the processing of parafoveal words during reading  
Sven Hohenstein, Reinhold Kliegl
- 81 Morphologisches Priming unregelmäßiger Verben im Deutschen: Einzelworterkennung und Satzlesen  
Julian Heister, Kay-Michael Würzner, Reinhold Kliegl

- 82 Words, nonsense and circles: Exploring the influences of semantics, phonology, and visual structure on eye movements during reading  
Wolfgang Scharke, Josefine Vollmar, Julia Greßnich, Thomas Günther
- 83 Online-Werbung und Web Analytics - moderne Technologien in der Experimentalpsychologie nutzen  
Armin Kaser
- 84 "But there IS a difference!" - SPSS scaling distorts the interpretation of statistical results  
Selma Carolin Rudert, Janin Roessel, Dagmar Stahlberg

## Development

- 85 The relationship between children's numerical multiplication abilities and their intuitive estimation of area  
Patricia Schär
- 86 Numerosity discrimination in fetuses and neonates - a fetal MEG study  
Franziska Schleger, Karin Landerl, Hubert Preissl
- 87 Embodied language understanding in infancy  
Anja Gampe, Moritz M. Daum
- 88 How infants aged 14-month detect semantic roles in causal events  
Miriam Dittmar
- 89 Einfluss von Framing auf die Nachrichtenauswahl bei Grundschulkindern  
Petra Sandhagen
- 90 Social cues facilitate infants' object processing at 4 months of age  
Sebastian Wahl, Christine Michel, Sabina Pauen, Stefanie Hoehl
- 91 Hypersensitivity to social exclusion after early maternal separation  
Vanessa Puetz, Kerstin Konrad

**Symposium: Information search – heuristics, optimality, developmental and neural bases, SO 108**

Convenors: Jonathan D. Nelson, Björn Meder

- 09:00 Information search: Heuristics, optimality, developmental and neural bases  
Jonathan D. Nelson, Craig R.M. McKenzie, Garrison W. Cottrell, Terrence J. Sejnowski
- 09:20 Value of information overlaps with cortical and subcortical reward structures  
Flavia Filimon, Jonathan D. Nelson, Terrence J. Sejnowski, Martin I. Sereno, Garrison W. Cottrell
- 09:40 Information search under asymmetric reward functions  
Björn Meder, Jonathan D. Nelson
- 10:00 Twenty-question games in sheep's clothing: Effects of object representations on categorization performance  
Markus Alexander Feufel, Azzurra Ruggeri
- 10:20 Information search in children: New results on variants of the twenty questions game  
Laura Felicia Martignon
- 10:40 Love at first feature learning: Salience and its impact on subjective informational value  
Nikolay Chenkov, Jonathan D. Nelson

**Symposium: Contextualized decision making, SN 163**

Convenor: Sabine G. Scholl

- 09:00 When is recognition a valid cue? Antecedents of adaptive strategy selection  
Tobias Vogel, Stefan Herzog, Florian Kutzner
- 09:20 A matter of time: Use of the recognition heuristic  
Marta Castela, Benjamin E. Hilbig, Rüdiger Pohl, Edgar Erdfelder
- 09:40 The role of regulatory focus in use of the recognition heuristic  
Martha Michalkiewicz, Benjamin E. Hilbig, Edgar Erdfelder, Johannes Keller, Herbert Bless
- 10:00 Effects of pseudocontingency learning on decision behavior  
Hanna Fleig, Jan Rummel, Thorsten Meiser
- 10:20 Frequency-illusions: Repetition and split effects  
Christian Unkelbach, Michael Gräf
- 10:40 Fluency as a moderator of the sunk cost effect  
Sabine G. Scholl, Herbert Bless

## Thematic session: Memory II, SN 169

Chair: Isabel Lindner

- 09:00 Hemispheric asymmetries in explicit and implicit memory retrieval  
Kristina Küper, Anna M. Arend, Hubert D. Zimmer
- 09:20 Retrieving contextual information about familiar names: Neural correlates of person-related source memory  
Jessica Komes, Stefan R. Schweinberger, Holger Wiese
- 09:40 The perception of melodic similarity in cases of musical plagiarism  
Anna Wolf
- 10:00 Investigating the role of the verbal code in visual imagery  
Sumyah Abdulaah Alnajashi
- 10:20 Did I do this before? Mechanisms underlying false memories of action performance from observation  
Cécile Schain, Isabel Lindner, Gerald Echterhoff
- 10:40 False memories of action performance caused by imagination and observation: The influence of visual overlap  
Isabel Lindner, Gerald Echterhoff

## Symposium: Processing dynamics of long term memory retrieval, O 151

Convenors: Jasmin M. Kizilirmak, Gerd Thomas Waldhauser

- 09:00 Dissociating beneficial and detrimental effects of selective memory retrieval  
Ina Maria Dobler, Karl-Heinz T. Bäuml
- 09:20 Selective semantic memory retrieval: Electrophysiological correlates of interference  
Robin Hellerstedt, Mikael Johansson
- 09:40 Trial-by-trial adjustments of cognitive control during selective long-term-memory retrieval  
Jasmin M. Kizilirmak
- 10:00 The consequences and neural dynamics of memory suppression  
Gerd Thomas Waldhauser, Mikael Johansson, Magnus Lindgren
- 10:20 Semantic-episodic interactions and the impact of "retrieval errors" during learning  
Emma K. Bridger, Axel Mecklinger
- 10:40 Discussion  
Gerd Thomas Waldhauser, Jasmin M. Kizilirmak

## Symposium: New developments in experimental aesthetics, O 148

Convenors: Helmut Leder, Thomas Jacobsen

- 09:00 On the concept of human voice aesthetics  
Michael Berners, Thomas Jacobsen
- 09:20 Haptic exploration and aesthetic appreciation  
Martina Jakesch
- 09:40 Subjective fluency and aesthetic preference  
Michael Forster, Helmut Leder
- 10:00 Exploring aesthetics using facial-EMG  
Gernot Gerger, Helmut Leder
- 10:20 The pleasure of being moved: An experimental perspective on the 'sad-film-paradox'  
Julian Hanich, Valentin Wagner, Phillipp Ekardt, Mira Shah, Thomas Jacobsen, Winfried Menninghaus
- 10:40 Angry at the theater: Cognitive framing in the field  
Valentin Wagner, Julian Klein, Julian Hanich, Phillipp Ekardt, Mira Shah, Winfried Menninghaus, Thomas Jacobsen

## Thematic session: Reading, O 145

Chair: Sarah Risse

- 09:00 Investigating the time course of parafoveal processing in the perceptual span during reading  
Sarah Risse, Reinhold Kliegl
- 09:20 Spatial memory and the amazing accuracy of long range regressions in reading  
Ralph Radach, Christian Vorstius, Albrecht Inhoff
- 09:40 Your mind wanders weakly, your mind wanders deeply: Objective measures reveal mindless reading at different levels  
Daniel J. Schad, Ralf Engbert
- 10:00 Eye movements during rapid automatized naming  
Jochen Laubrock, Jinger Pan, Reinhold Kliegl
- 10:20 Training-induced brain activation changes in the frontal cortex differ in cognitive subtypes of dyslexia  
Stefan Heim, Julia Reimers, Moti Brinkhaus, Muna van Ermingen-Marbach, Julia Pape-Neumann, Marion Grande
- 10:40 Semantics of background speech and its impact on reading comprehension  
Sabine J. Schlittmeier, Alexander Assfalg, Maximilian Hofmann, Andreas Lieb

## Symposium: Evaluative Conditioning II, O 142

Convenor: Anne Gast

- 09:00 What is learned from evaluative conditioning? Distinguishing between evaluative identity conditioning and evaluative cue conditioning  
Mandy Hütter, Florian Kutzner, Klaus Fiedler
- 09:20 Does evaluative conditioning occur with negative CS-US contingencies?  
Florian Kattner
- 09:40 What you know now: Is evaluative conditioning modulated by contingency awareness during learning or during valence measurement?  
Anne Gast, Jan De Houwer, Maarten De Schryver
- 10:00 I like it, but I don't know that I know why: A process dissociation approach to examine the relation between contingency awareness and evaluative conditioning  
Georg Halbeisen, Eva Walther, Rebecca Weil, Katarina Blask
- 10:20 Reversed evaluative conditioning of implicit evaluations  
Riccardo Zanon
- 10:40 Discussion  
David R. Shanks

## Symposium: Cognitive plasticity: training and transfer effects, O 135

Convenors: Tilo Strohbach, Julia Karbach

- 09:00 Genetic modulation of training and transfer in older adults: BDNF Val66Met polymorphism is associated with wider useful field of view  
Lorenza Colzato
- 09:20 Action video games and their transfer effect to attentional control: Behavioral and neural bases  
Julia Föcker, Daphne Bavelier
- 09:40 Videogames for training cognitive control  
Jesse van Muijden, Guido P.H. Band, Bernhard Hommel
- 10:00 Effects of action video gaming on perceptual and cognitive control parameters in the context of TVA  
Tilo Strohbach, Petra Redel, Veronika Eder, Kathrin Finke, Torsten Schubert
- 10:20 Training and transfer effects of working memory training in young and old adults  
Claudia Christina von Bastian, Nicolas Langer, Lutz Jäncke, Klaus Oberauer
- 10:40 Who benefits the most? Individual differences in the transfer of executive control training in younger and older adults  
Julia Karbach, Marion Spengler



## **Symposium: New frameworks of rationality, O 133**

Convenors: Markus Knauff, Leandra Bucher, Michael Waldmann, Ralph Hertwig

- 09:00 Agents and causes: Reconciling competing theories of causal reasoning  
Ralf Mayrhofer, Michael R. Waldmann
- 09:20 Doing justice to Benjamin Franklin's ideas: Overestimation of the  
usage of heuristics caused by wrong implementations of weighted  
compensatory strategies  
Marc Jekel, Andreas Glöckner
- 09:40 On rational probability judgments concerning noisy-logical patterns of  
correlations  
Momme von Sydow
- 10:00 An experimental analysis of defeasible reasoning in law  
Lupita Estefania Gazzo Castaneda, Emma Harms, Gerhard Christopher Bukow,  
Markus Knauff
- 10:20 Suppression effects in the dual-source model of conditional reasoning  
Henrik Singmann, Sieghard Beller, Karl Christoph Klauer
- 10:40 Cognitive economic principles in spatial belief revision  
Leandra Bucher, Jelica Nejasmic, Markus Knauff

## **Symposium: Neue Methoden der Datenerhebung und -analyse, O 131**

Convenor: Jochen Musch

- 09:00 Befragungen mit dem Stochastischen Lügendetektor  
Adrian Hoffmann, Morten Moshagen, Jochen Musch
- 09:20 Zur Validierung von Befragungstechniken für heikle Themen  
Morten Moshagen
- 09:40 Ein sequentielles Frageverfahren zur Wissensdiagnostik  
Martin Papenberg, Sonja Willing, Jochen Musch
- 10:00 Möglichkeiten der Wissensdiagnostik per Ausschlussverfahren  
Sebastian Ullrich, Jochen Musch
- 10:20 Zur Optimierung der Zeiteffizienz beim computeradaptiven Testen  
Birk Diedenhofen, Jochen Musch
- 10:40 koRpus -- ein R-Paket zur Textanalyse  
Meik Michalke

## **Symposium: Attention and temporal processing, O 129**

Convenors: Ingrid Scharlau, Bettina Rolke

- 09:00 The role of temporal attention on the discrimination of intervals in  
isochronous sequences  
Stefan Blaschke, Sven Ritzkowski, Elisabeth Hein

- 09:20 Pump up the jam: Comparing effects of temporal attention and tone intensity on early auditory processing  
Kathrin Lange
- 09:40 Eccentricity effects on temporal perception  
Katrin Martina Kliegl
- 10:00 Temporal preparation - attention within time in action  
Verena Carola Seibold, Bettina Rolke
- 10:20 Attention and the speed of information processing: Prior entry for attended stimuli or rather later entry for unattended stimuli?  
Katharina Weiß, Frederic Hilkenmeier, Ingrid Scharlau
- 10:40 On the ubiquity of transient attention  
Chris Olivers

## Symposium: Language electrified, SO 318

Convenors: Dirk Koester, Jens Bölte

- 09:00 How emotional word content modulates activation of the non presented language in bilingual word recognition. Evidence from ERPs  
Markus Conrad, Johannes Ecker, Arthur Jacobs
- 09:20 Second language errors and the perception of corrective input: An ERP study  
Kristin Lemhöfer, Herbert Schriefers, Peter Indefrey
- 09:40 Sank you for travelling. Acoustic similarity or linguistic experience - what matters in prelexical processing?  
Heidrun Bien, Adriana Hanulikova, Andrea Weber, Pienie Zwitserlood
- 10:00 Lexical decision latencies underestimate lexical activation: Evidence from ERPs  
Claudia K. Friedrich
- 10:20 Comprehending figurative language: ERP responses on the processing of irony  
Stefanie Regel
- 10:40 Various aspects of gesture-speech integration  
Christian Obermeier

## Wednesday 11.30-12.30, Audimax (A3)

Keynote lecture Nira Liberman:  
"Levels of mental construal"

**Symposium: Agency – how we know what we are doing, SO 108**

Convenors: Carola Haering, Andrea Kiesel

- 14:00 Wissen und Agency beim Kausallernen  
Stefan Mangold, York Hagmayer
- 14:20 Performance monitoring and the causal attribution of errors  
Marco Steinhauser, Andrea Kiesel
- 14:40 Action control and action experience: (Dys-)Fluency signals related to  
action selection prospectively inform sense of control  
Dorit Wenke
- 15:00 Increasing the action-effect interval and changing the assessment  
questions in the clock binding paradigm  
Helena Matute, Pablo Garaizar, Carmelo P. Cubillas
- 15:20 My effect was earlier than yours  
Carola Haering, Andrea Kiesel

**Symposium: Lie detection: Process-oriented approaches, SN 163**

Convenors: Marc-André Reinhard, Karl Ask

- 14:00 The process of lie detection in groups  
Dagmar Stahlberg, Marc-André Reinhard, Michael Diehl, Martin Scharmach,  
Tamara Marksteiner
- 14:20 The time course of biased social judgments  
Chris N.H. Street, Jaume Masip, Daniel C. Richardson, Benjamin W. Tatler
- 14:40 Are lie judgments inherently evaluative? Evidence for embodied  
components in credibility attribution  
Karl Ask, Marc-André Reinhard
- 15:00 Implicit lie detection in Spain and Germany: Does it work?  
Siegfried Ludwig Sporer, Jaume Masip
- 15:20 Unconscious processes improve lie detection  
Marc-André Reinhard, Rainer Greifeneder, Martin Scharmach

**Symposium: Advances in research on adaptive memory, SN 169**

Convenors: Meike Kroneisen, Raoul Bell

- 14:00 Are the relevance ratings essential for the survival processing effect?  
Meike Kroneisen, Edgar Erdfelder
- 14:20 On the specificity of the survival processing effect  
Jan Philipp Röer, Raoul Bell, Axel Buchner

- 14:40 Smiling cheaters are better remembered: A test of the emotional incongruence hypothesis  
Raoul Bell, Axel Buchner, Trang Giang
- 15:00 Enhanced implicit memory for cheaters?  
Edgar Erdfelder, Raoul Bell, Axel Buchner, Marcel Aschmann, Matthias Hohmann, André Roock
- 15:20 Discussion  
James S. Nairne

## **Symposium: Action perception and action understanding: Developmental perspectives, O 151**

Convenors: Moritz F. Wurm, Markus Paulus

- 14:00 Early action understanding and later theory of mind: A longitudinal study controlling for the quality of mother-infant interaction  
Anne Henning, Claudia Thoerner, Maria Vuori, Beate Sodian, Gisa Aschersleben
- 14:20 Neurocognitive mechanisms subserving imitation in infancy: Teleological reasoning vs. motor resonance  
Markus Paulus, Sabine Hunnius, Harold Bekkering
- 14:40 The development of action perception and action production in infancy and preschool age  
Caroline Pfeifer, Birgit Elsner
- 15:00 Influence of spatial context on action recognition from toddlerhood to middle childhood  
Moritz F. Wurm, Christina Woitscheck, Daniela Giuliani, Hannes Rakoczy, Ricarda I. Schubotz
- 15:20 Discussion  
Moritz M. Daum

## **Symposium: Psychophysik (in memoriam Hans Irtel), O 148**

Convenor: Josef Lukas

- 14:00 Messung binauraler Lautheit durch Einfachreaktionszeiten  
Wolfgang Ellermeier, Josef Schlittenlacher
- 14:20 Die Wahrnehmung der Helligkeit von natürlichen Objekten  
Karl Gegenfurtner
- 14:40 Die Mitte zwischen Schwarz und Weiß: Zur Psychophysik der achromatischen Farben  
Jürgen Heller
- 15:00 Zur Tonhöhenwahrnehmung von Shepardreizen  
Josef Lukas

15:20 Zur visuellen Wahrnehmung von Materialqualitäten: Stereoskopischer Glanz  
Rainer Mausfeld

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**Hans Irtel (1952 – 2008)**

Hans Irtel was a Professor of Experimental Psychology in Mannheim from 1994 to 2008. His research encompassed important contributions to perception, psychophysics, color vision, and experimental research methods. He initiated and organized several conferences for experimental and mathematical psychologists, among them the 32nd TeaP 1990 in Regensburg. Furthermore, he was a founding member and president of the *Fachgruppe Allgemeine Psychologie* in the *German Psychological Society* (DGPs).

The symposium *Psychophysik* on Wednesday, 14.00 (Room O 148), is held in memory of Hans Irtel to honor him as a committed scientist and exceptional colleague.

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## **Symposium: To choose or not to choose, O 145**

Convenors: Markus Janczyk, Roland Pfister

- 14:00 It takes two to imitate: Imitation and anticipation in social interaction  
Roland Pfister, Markus Janczyk, David Dignath, Bernhard Hommel, Wilfried Kunde
- 14:20 Rapid acquisition and retrieval of action-effect associations during instruction-based S-R learning  
Uta Wolfensteller, Hannes Ruge
- 14:40 The rapid stimulus-based acquisition of response-effect associations: Dissecting the learning curve by use of fMRI  
Hannes Ruge, Uta Wolfensteller
- 15:00 Transfer across stimulus- and response properties in implicit sequence learning  
Robert Gaschler, Asher Cohen, Dieter Nattkemper, Peter A. Frensch, Dorit Wenke
- 15:20 Cooperation and competition of stimulus- and effect-related processes in action planning  
Dieter Nattkemper, Peter A. Frensch

## **Symposium: The role of prediction during language processing, O 142**

Convenor: Falk Huettig

- 14:00 Delineating predictive processes in situated language comprehension  
Pia Knoeferle
- 14:20 The content of predictions: Involvement of object shape representations in the anticipation of upcoming words  
Joost Rommers, Antje S. Meyer, Peter Praamstra, Falk Huettig
- 14:40 Lexical prosody influences the monitoring of number information  
Dirk Koester
- 15:00 Toddlers anticipate that we EAT cake  
Nivedita Mani
- 15:20 Language-mediated prediction is related to reading ability and formal literacy  
Falk Huettig, Niharika Singh, Siddharth Singh, Ramesh K. Mishra

## **Symposium: Good vibrations: The important role of brain oscillations (...), O 135**

Convenors: Simon Hanslmayr, Tobias Staudigl

- 14:00 The relevance of de-synchronization for episodic memory encoding  
Simon Hanslmayr, Tobias Staudigl, Marie-Christin Fellner
- 14:20 Theta synchronization mediates item-to-context binding during episodic memory encoding  
Tobias Staudigl, Simon Hanslmayr
- 14:40 The function of sleep spindles and slow oscillations in memory consolidation - insights from multimodal imaging and transcranial brain stimulation.  
Til Ole Bergmann
- 15:00 Memory consolidation by offline reactivation of stimulus-specific activity  
Lorena Deuker
- 15:20 Frequency tagging reveals rapid reactivation of episodic memories  
Maria Wimber, Anne Maaß, Tobias Staudigl, Alan Richardson-Klavehn, Simon Hanslmayr

## **Symposium: Self-enhancement: A powerful process (...), O 133**

Convenors: Jochen Gebauer, Rene Kopietz

- 14:00 Are you good? Are you superior? Intra- and interpersonal forms of self-evaluation  
Daniel Leising

- 14:20 Good enough for an affair. Attractiveness, self-enhancement and speed-dating outcomes  
Michela Schröder-Abé, Katrin Rentzsch, Lars Penke, Jens Asendorpf
- 14:40 Are narcissists sexy? - Zeroing in on the link between trait self-enhancement and mate appeal  
Michael Dufner
- 15:00 Localizing mnemonic neglect: Is selective encoding or selective retrieval driving the effect?  
Rene Kopietz, Constantine Sedikides, Aiden P. Gregg
- 15:20 Self-centrality breeds self-enhancement: A principle of cross-cultural universality  
Jochen Gebauer

## Symposium: Body perception and pain, O 131

Convenor: Jörg Trojan

- 14:00 Body perception and pain: Clinical findings and conceptual aspects  
Jörg Trojan, Herta Flor
- 14:20 Viewing a needle pricking an incorporated hand modulates anticipatory brain responses to forthcoming pain  
Marion Höfle, Ulrich Pomper, Michael Hauck, Andreas K. Engel, Daniel Senkowski
- 14:40 Alterations in pain and perception thresholds in unilateral arm amputees  
Xaver Fuchs
- 15:00 Body schema and body image distortions in patients with complex regional pain syndrome  
Annika Reinersmann
- 15:20 See what you feel behind: Looking at their own back reduces experimental pain intensity in chronic back pain patients  
Martin Diers, Walter Ziegglänsberger, Jörg Trojan, Robin Bekrater-Bodmann, Jens Foell, Mariela Rance, Sandra Kamping, Herta Flor

## Symposium: Motor control and multimodal representation, O 129

Convenors: Stefan Ladwig, Lei Wang

- 14:00 Observational practice and aging  
Thomas Ellenbueger, Stefan Panzer
- 14:20 Effects of a robotic guidance training on the performance and learning of different kinds of motor timing  
Jenna Christine Lüttgen, Herbert Heuer

- 14:40      Influence of load on sequential effects  
Christoph Schütz, Christian Seegelke, Thomas Schack
- 15:00      Spatial character of distal action space influences generalization of motor learning  
Lei Wang, Jochen Müsseler
- 15:20      Aftereffects induced by transformed movements: An overview  
Stefan Ladwig, Christine Sutter, Jochen Müsseler

## **Symposium: Consider implicit affect! Effects on physiology, cognition, and behavior, SO 318**

Convenors: Regina C. Bode, Markus Quirin

- 14:00      IPANAT-4EM: Structural and temporal aspects of a novel test for assessing discrete emotions  
Regina C. Bode
- 14:20      Subliminally induced stress increases cardiovascular activity and implicit affect  
Jos Brosschot, Bart Verkuil
- 14:40      Electrophysiological correlates of the implicit positive and negative affect test  
Klaus Harnack
- 15:00      The affective tuning hypothesis: Implicit affective responses to real and anticipated cognitive demands  
Claire Ashton-James
- 15:20      Implicit and explicit positive and negative affect and well-being among Singaporeans  
Sviatlana Kamarova, Markus Quirin, Nikos Chatzisarantis

## **Wednesday late afternoon, 4<sup>th</sup> April, 15.40–17.10**

### **Thematic session: Decision strategies II, SO 108**

Chair: Susann Fiedler

- 17:10      The role of use, knowledge and creation of an object in developing feelings of possession: The endowment effect and query theory  
Lukasz Walasek
- 17:30      Temporal dynamics of hypothesis generation: The influences of serial order, data consistency, and response mode  
Nicholas D. Lange, Rick P. Thomas, Eddy Davelaar
- 17:50      Same same but different: Fitting decision field theory to consumer choices in an environment featuring context effects  
Nicolas Arnold Joel Berkowitsch, Benjamin Scheibehenne, Jörg Rieskamp



- 18:10 Process differences between description- and experience-based choice:  
An analysis using eye-tracking and physiological measures  
Susann Fiedler, Andreas Glöckner, Guy Hochman, Shahar Ayal, Benjamin E. Hilbig

## **Thematic session: Decision making: Choice, SN 163**

Chair: Michael Schulte-Mecklenbeck

- 17:10 Virtual reality vs. pictorial formats of product presentation in choice-based conjoint analysis – evaluating new concepts of luggage storage in short-haul passenger aircrafts  
Stefanie Maaß, Inge Wetzel
- 17:30 Sticky seats: The gravity of random choice defaults  
Lukas Allemann, Thorsten Pachur
- 17:50 Supporting rational decision making by means of self-regulatory strategies  
Sabine Hügelschäfer, Anja Achtziger, Carlos Alós-Ferrer
- 18:10 Heuristic food choice strategies  
Michael Schulte-Mecklenbeck, Matthias Sohn, Emanuel DeBellis, Ralph Hertwig

## **Symposium: Perceived agency of self and others, SN 169**

Convenors: Barbara C. N. Müller, Tom G. E. Damen

- 17:10 In or out of control: The nature of action primes on experiences of agency  
Tom G. E. Damen, Ap Dijksterhuis, Rick Van Baaren, Simone Kühn, Marcel Brass
- 17:30 The things I didn't do: The role of goals and primes in self-agency experiences  
Anouk van der Weiden, Kirsten I. Ruys, Henk Aarts
- 17:50 Successful goal pursuit completion and illusions of agency  
Laura Dannenberg
- 18:10 Action co-representation for non-biological actions  
Barbara C. N. Müller

## **Thematic session: Visual attention II, O 151**

Chair: Gregor Volberg

- 17:10 Are processes of visual attention and response selection subjected to the same capacity limitation?  
Christina Reimer, Tilo Strobach, Torsten Schubert
- 17:30 The role of context heterogeneity in allocation of visual attention: Behavioural and electrophysiological evidence  
Tobias Feldmann-Wüstefeld, Agnieszka Wykowska, Anna Schubö

- 17:50      Implicit visual learning & the effect of selective attention  
Alexander Kunde, Hilde Haider
- 18:10      Short- and long-range neural synchrony in grapheme-color synesthesia  
Gregor Volberg, Anna Karmann, Stefanie Birkner, Mark W. Greenlee

### **Thematic session: Visual perception II, O 148**

Chair: Anke Huckauf

- 17:10      Shading gradients, depth, and figure ground perception: Extremal edges and gradient cuts  
Tandra Ghose
- 17:30      Eccentricity-dependent variations of the N2p in texture segmentation  
Susann Schaffer, Cristina Meinecke
- 17:50      Texture-segmentation: Crowding can occur in detection tasks  
Ursula Schade
- 18:10      Asymmetric target recognition in the retinal periphery  
Anke Huckauf

### **Thematic session: Soziale Kognition, O 145**

Chair: Simona Maltese

- 17:10      Warum herzliche Menschen kompetenter erscheinen als sie sind: Der Einfluss von Agency und Communion auf Halo- und Horn-Effekte  
Michael Gräf, Christian Unkelbach
- 17:30      Wie entstehen Reihenfolgeeffekte bei Moralurteilen?  
Alex Wiegmann
- 17:50      Wie moduliert die Ungerechtigkeitssensibilität die Wahrnehmungsschwelle für ungerechtigkeitsrelevante Informationen?  
Nadine Thomas, Anna Baumert, Manfred Schmitt
- 18:10      Verhaltenseffekte des Trainings ungerechtigkeitssensibler Interpretationen  
Simona Maltese, Anna Baumert, Manfred Schmitt

### **Thematic session: Working memory II, O 142**

Chair: Katrin Bittrich

- 17:10      The irrelevant speech effect in short-term memory: Impact of item materials and sound characteristics  
Kirstin Bergström, Thomas Lachmann, Maria Klatte
- 17:30      Does memory disruption by irrelevant speech vary as a function of how it is interpreted?  
Judith Schweppe, Ralf Rummel

- 17:50 From recall to recognition: An extension of serial order in a box model  
Hsuan-Yu Lin, Lee-Xieng Yang
- 18:10 Trace decay and interference in a memory span task  
Katrin Bittrich, Sven Blankenberger

### **Thematic session: Affect & attention, O 135**

Chair: Stefanie Schuch

- 17:10 Negative affect boosts attentional processes: An ERP study on mood and pictures  
Jessica Schomberg, Benjamin Kuhr, Markus Quirin
- 17:30 Regulation of valence-based disturbances of information processing  
Susanne Augst, Thomas Kleinsorge, Wilfried Kunde
- 17:50 How positive affect modulates cognitive control: Reduced reliance on informative cues  
Kerstin Fröber, Gesine Dreisbach
- 18:10 Emotional modulation of the congruency sequence effect  
Stefanie Schuch, Patricia Cichecki, Iring Koch

### **Thematic session: Applied cognitive psychology II, O 133**

Chair: Ola Svenson

- 17:10 How groups can act (more) Bayesian without having any Bayesians  
Nathaniel David Phillips
- 17:30 Effects of main actor, outcome and affect on judgment biases in a risky scenario  
Ola Svenson, Gabriella Eriksson
- 17:50 Line or bar graphs? Visualizing interactions in 2x2 experimental designs  
Frederik Aust, Jochen Musch
- 18:10 I see, I remember? The role of data-legend compatibility in graph comprehension  
Andrea M. Philipp, Lynn Huestegge

### **Thematic session: Motivation, O 131**

Chair: Andreas Voss

- 17:10 Energy investment in an isometric hand grip task: Evidence for the energy conservation principle  
Michael Richter
- 17:30 Die Beeinflussung von Einstellungen mittels Implementation Intentions  
Torsten Martiny-Huenger, Peter M. Gollwitzer

- 17:50      Mythos Korruptionseffekt? Effekte der intrinsischen Motivation, Selbstregulation und von Self-Leadership auf die Leistung: Experimentelle Untersuchungen mittels Eye-Tracking  
Marco R. Furtner, Laura Nathalie Hiller, Pierre Sachse
- 18:10      Motivierte Wahrnehmung: Bevorzugte Aufnahme positiver Informationen als selbstregulativer Prozess  
Andreas Voss, Christiane Schwierien

## **Symposium: Inductive reasoning and social projection, O 129**

Convenor: Joachim I. Krueger

- 17:10      Feeling who I am is telling who you are: Ease-of-retrieval of autobiographical memories influences judgments about others  
Karl-Andrew Wolfin, Olivier Corneille, Vincent Yzerbyt
- 17:30      Last minute intrigue  
Joachim I. Krueger, Theresa Elise DiDonato, David Freestone
- 17:50      Be as competent and warm as I am: The influence of trait relevance on interpersonal projection  
Claudia Toma, Vincent Yzerbyt, Olivier Corneille
- 18:10      Familiarity and liking in impression formation  
Johannes Ullrich, Joachim I. Krueger

## **Symposium: New applications of the rubber hand illusion, SO 318**

Convenor: Martin Riemer

- 17:10      Visual information and rubber hand embodiment differentially affect reach-to-grasp actions  
Tobias Heed
- 17:30      Body integrity under conditions of congruent and incongruent multisensory input  
Robin Bekrater-Bodmann, Jens Foell, Herta Flor
- 17:50      Agency and ownership: Comparing the effects of passive sensation and active movement within the rubber hand illusion  
Martin Riemer
- 18:10      The virtual hand illusion: Comparison of active movement and tactile stimulation in virtual reality  
Henrik Peperkorn, Georg W. Alpers, Andreas Mühlberger

## Wednesday poster session, 4<sup>th</sup> April, 15.40-17.10

### Social Cognition II

- 1        What's God got to do with It? The impact of religiosity and views of God on construal level  
Katharina Zimmer, Herbert Bless
- 2        "The sweet taste of revenge" - gustatory effects on judgments of a vengeful act  
Deborah Felicitas Thoben, Jens Hinrich Hellmann, Dennis Dreßler
- 3        A matter of justice beliefs: Effects of just world threat on cooperation  
Bianca von Wurzbach, Herbert Bless
- 4        The vivid face of morality - EMG evidence of the influence of vivid presentation on emotional reactions to (im-)moral behavior  
Sabine Volk
- 5        How to wash away guilt - investigating processes that might underlie embodied cleansing effects  
Anita Körner, Fritz Strack

### Applied Cognitive Psychology II

- 6        Viewing times as an implicit measure of sexual interest in sexual practices in women  
Gerrit Stöckigt, Christian Laier, Matthias Brand
- 7        Finding the right level of detail of instructions for manual industrial tasks  
Katharina Mura
- 8        Age effects on controlling tools with sensorimotor transformations  
Christine Sutter, Michael Oehl, Ines Ann Heber, Nora Zekorn, Laura Makowski
- 9        Task-dependent compensation of variable inertial loads during tool use  
Sandra Sülzenbrück, Herbert Heuer
- 10       Discrete vs. analogue transitions in an interactive map: Effects on mental model formation?  
Martin Grund, Hartmut Wandke
- 11       Relevant stimulus-response compatibility tasks outperform irrelevant stimulus-response compatibility tasks in detecting deception and criminal intent  
Kristina Suchotzki, Bruno Verschuere, Geert Crombez, Jan De Houwer
- 12       From non-symbolic competencies to symbolic skills  
Sonja Maria Hansen, Alexandra Eichler, Hilde Haider

### Clinical & Health Psychology II

- 13       A two-component model of cognitive reactivity  
Nils Pfeiffer, Timo Brockmeyer, Johannes Zimmermann, Matthias Backenstrass

- 14 Mechanisms of placebo-effect - does cognitive dissonance play a role?  
Madeleine Simon
- 15 Using single case experimental design to examine determinants of  
meditation effects  
Juliane Eberth, Peter Sedlmeier
- 16 A learning account of avoidance: The impact of fear conditioning on  
decision-making  
Andre Pittig, Michelle Craske, Georg W. Alpers
- 17 Changes in pain perception through aversive visual stimuli: The  
importance of differences in anxiety  
Mareike Flögel, Kerstin Wolff, Madeleine Simon, Oliver Christ
- 18 Schnelle Informationsverarbeitung bei Blut-, Spritzen- und  
Verletzungsängstlichen  
Anke Haberkamp, Nicole Reinert, Marie Salzmann, Thomas Schmidt

### Judgment & Decision Making III

- 19 Die Berücksichtigung von Ratschlägen aus Ratgebersicht  
Christian Treffenstädt, Thomas Schultze, Stefan Schulz-Hardt
- 20 Der Einfluss der Entscheidungsdomäne auf die Annahme von  
Ratschlägen  
Sarah Günster, Anja Eckardt, Mareike Schreiber, Stefanie Rahn
- 21 Investigating cheating behavior in students compared to the general  
public  
Berenike Waubert de Puiseau, Andreas Glöckner
- 22 Gülcan weint, na und!? - Der Einfluss kultureller Nähe auf die  
Risikowahrnehmung beim Impfen  
Anissa Stekl, Anne Lehmann, Martin Schoemann, Cornelia Betsch

### Categorization & Concepts

- 23 Causal status and coherence in causal-based categorization  
Anselm Rothe, Ralf Mayrhofer
- 24 The impact of task complexity on rule- and exemplar-based processes  
in categorization and judgment  
Janina Anna Hoffmann, Bettina von Helversen, Jörg Rieskamp
- 25 Response key separation and the SNARC effect  
Florian F. Schiller, Owino Eloka, Volker H. Franz
- 26 Versuch einer robusteren Methode, einen Vokalprototyp zu bestimmen  
Anna Janska, Erich Schröger, Thomas Jacobsen
- 27 Associative redundancy gain  
Anja Fiedler, Hannes Schröter
- 28 The whole, the parts, or the sum of the parts? The perception of  
collections  
Simone Schaub

## Spatial Cognition

- 29 Find your way back - what is the ideal position of a landmark for finding the way back?  
Florian Röser, Lena Dienelt, Kai Hamburger, Markus Knauff
- 30 Landmarks - day versus night  
Cate Marie Trillmich, Florian Röser, Kai Hamburger

## Visual Perception II

- 31 Perceptual grouping in ambiguous configurations: Evidence for "contrast grouping" from a discrimination task  
Lena Steindorf, Martin Brandt
- 32 Texture segregation captured in speeded visuomotor responses  
G. Marina Velkamp, Thomas Schmidt
- 33 Radial bias in long range texture integration  
Marco Maas
- 34 Influence of gaze-contingent spatial frequency filtering on the processing of natural scenes: Evidence from eye movements  
Anke Cajar, Jochen Laubrock, Ralf Engbert
- 35 Attention and the localization of moving stimuli  
Jens Tiggelbeck, Jochen Müsseler
- 36 Flankers effects on 3D target recognition performance  
Gabriel I. Yuras Zúñiga, Anne Köpsel, Anke Huckauf

## Action & Perception II

- 37 Synchronization and timing of professional musicians: A comparison between orchestral brass and string players  
Timo Fischinger, Christoph Liebermann, Jan Stoklasa
- 38 Ocular tracking of biological and non-biological motion: The effect of Instructed agency  
Mathias Hegele, Jan Zwickel, Marc Grosjean
- 39 Walking through facilitation and inhibition: Biological movements realized by point light walkers in a response priming paradigm  
David Eckert, Christina Bermeitinger
- 40 Comparison of visual and haptic information pickup  
Thomas Schinauer, Tina Erdmenger, Thomas Lachmann
- 41 Co-representation in a triad  
Laura Sergi, Miriam Dittmar
- 42 End -state liking: A case of motor fluency  
David Dignath, Andreas Eder
- 43 Is human imitative behaviour automatic?  
Bence Bago, Andrei Folges, Balazs Aczel

- 44 The power of imagination: Phantom effects and their impact on action control  
Christina Pfeuffer, Roland Pfister
- 45 Error monitoring and personality: An update  
Sven Hoffmann, Edmund Wascher

### Attention III

- 46 Die neuronalen Grundlagen der Entwicklung der Auflösung der Aufmerksamkeit  
Kerstin Wolf, Elena Galeano Weber, Jasper J.F. van den Bosch, Ralf Deichmann, Marcus J. Naumer, Till Pfeiffer, Christian Fiebach
- 47 Connectivity of the cerebellum during visual attention  
Thilo Kellermann, Christina Regenbogen, Carolin Mößnang, Andreas Finkelmeyer, Ute Habel
- 48 Interaction of motivation with attention and inhibition processes  
Anni Richter, Sylvia Richter, Adriana Barman, Constanze Seidenbecher, Björn H. Schott
- 49 Is inhibition of return stable even in response to phobia-related cues?  
Elisa Berdica, Antje B.M. Gerdes, Georg W. Alpers
- 50 Implicit and explicit adjustments of cognitive control in dual-task performance  
Caroline Gottschalk, Gesine Dreisbach, Rico Fischer
- 51 Task shielding in the context of task switching  
Renate Reisenauer, Gesine Dreisbach
- 52 Individual differences in visual working memory capacity and the ability to filter out irrelevant information: Evidence from switching between filter settings  
Tina Schwarzkopp, Kerstin Jost

### Language

- 53 Do words automatically activate experiential traces? Evidence from a masked priming paradigm  
Carolin Dudschig, Monica De Filippis, Irmgard de la Vega, Martin Lachmair, Barbara Kaup
- 54 The influence of spatial priming on processing of time-related words  
Verena Eikmeier, Rolf Ulrich
- 55 Mentale Simulationen beim Sprachverstehen: Nur wort-basierte Effekte?  
Martin Lachmair, Monica De Filippis, Carolin Dudschig, Irmgard de la Vega, Barbara Kaup
- 56 The time course of processing the uniqueness-PSP of the definite article: Evidence from event-related potentials  
Mareike Schmid, Sonja Tiemann, Verena Carola Seibold, Ingo Hertrich, Sigrid Beck, Bettina Rolke



- 57 Cortical background of sentence understanding - a single pulse TMS study  
Imke Franzmeier
- 58 Verb gapping: John opens a juice bottle and Jim a lemonade bottle - novel evidence for the on-line reactivation of gapped verb information?  
Berry Claus
- 59 Humor facilitates text comprehension  
Lisa Putzar, Evelyn Ferstl

## Self II

- 60 I am where I am - surrounding effects on self-reported work-family balance in a bogus pipeline experiment  
Carla Engelhardt, Greta Goldberg, Ricarda Hübner, Elif Balci, Katja Mierke
- 61 I am so flexible - addressee and weekday effects on self-reported career-orientation in a bogus pipeline experiment  
Rami Nazzal, Martina Töpfer, Katharina Walter, Marie-Kristin Volquarts, Katja Mierke
- 62 Shopping mall odyssey: Bargain hunting as a function of self-esteem  
Michael Zürn, Fritz Strack
- 63 Connection of sexual orientation, gender role self-concept and sexual preferences  
Robin Eckert, Christian Laier, Matthias Brand
- 64 Is costly punishment of uncooperative individuals considered socially desirable?  
Stefan Pfattheicher, Anne Landhäuer, Johannes Keller
- 65 Induktion sozialer Präsenz durch einen subtilen Hinweis auf Beobachtung  
Friedrich Florian Meixner, Stefan Pfattheicher, Johannes Keller

## Consumer Psychology

- 66 The influence of negative and positive recommendations and product attributes on buying decisions  
Jens Hofmann, Anja Dieckmann, Holger Dietrich, Claudia Gaspar, Myriem Hahne, Raimund Wildner, Matthias Brand
- 67 Not the devil you know: Negative but not positive cues affect the recognition heuristic in consumer preferences  
Volker Thoma, Alwyn Williams
- 68 Social influence on food intake: Do gender effects persist with healthy food?  
Sarah Turowski

- 69 Buying decisions: How does objective consumer expertise influence the use of recommendations and product attributes as decision support?  
Myriem Hahne, Holger Dietrich, Anja Dieckmann, Claudia Gaspar, Jens Hofmann, Raimund Wildner, Matthias Brand
- 70 Passenger preferences for aircraft cabins with weight-reduced hand luggage storage - a choice-based conjoint analysis in immersive virtual reality  
Helge Banthin, Inge Wetzel

### Sport Psychology

- 71 Enjoyment of physical activity in dance: Role of instruction, task complexity and movement composition  
Diana Henz, Claudia Behrens
- 72 Influence of didactic methods and task complexity on the enjoyment of movement and the experience of coherence in Argentine tango  
Sabine Zubarik, Diana Henz, Claudia Behrens
- 73 Die Rolle Motorische Expertise bei der Wahrnehmung komplexer Handlungen  
Thomas Schack, Iris Güldenpenning, Dirk Koester
- 74 Event related-potentials for overt manual grasping movements  
Jan Westerholz, Thomas Schack, Dirk Koester

### Industrial Psychology

- 75 Am I attracted? Job descriptions in the context of socioemotional selectivity theory  
Stephanie Blabl, Julia G. Weikamp, Anja S. Göritz
- 76 Work-related stress and individuals' health and ability to work  
Sebastiano Bagnara, Stefano Guidi
- 77 The biasing effects of subjective importance of a romantic relationship and current relationship status on professional hiring decisions  
Kerstin Nachtigall, Maria Agthe, Matthias Spörrle
- 78 The influence of ethical leadership on employees' challenging extra-role behavior  
Moritz Körber, Jenny Sarah Wesche
- 79 The role of virtuality and pay-for-performance for creativity  
Nicola Beatrice Klaus, Katharina Schuster
- 80 Latency in computer work: Differences between old and new systems  
Kerstin Hahn, Jakob Fröhner, Tobias Krachtus, Kerstin Hahn
- 81 The perception of visual delay in naturalistic environments: The influence of different computer tasks  
Jakob Fröhner, Kerstin Hahn, Tobias Krachtus, Oliver Christ

- 82      Modalitätenwahl bei multimodaler Interaktion. Eine experimentelle  
Untersuchung zum Anpassungsverhalten von Nutzern bei  
fehlerbehafteter Spracherkennung  
Michael Minge, Stefan Schaffer

## AUTHOR INDEX

---

### A

Aarts, Henk · 81  
Abdel Rahman, Rasha · 67  
Abel, Magdalena · 58  
Achtziger, Anja · 81  
Aczel, Balazs · 58, 87  
Agnoli, Sergio · 51  
Agthe, Maria · 90  
Albrecht, Konstanze · 33, 65  
Allemann, Lukas · 81  
Alnajashi, Sumyah Abdulaah · 70  
Alós-Ferrer, Carlos · 81  
Alpers, Georg W. · 43, 44, 64, 84, 86, 88  
Altgassen, Mareike · 26  
Alvarez Löblich, Paul · 65  
Ansorge, Ulrich · 38, 58, 59, 63, 64  
Antonakis, John · 29  
Antons, Jan-Niklas · 66  
Araujo, Roscoe · 56  
Arend, Anna M. · 70  
Arndt, Sebastian · 66  
Arnold, Nina Rebecca · 56  
Arntz, Arnoud · 48  
Artinger, Florian · 30  
Asbrock, Frank · 27  
Aschersleben, Gisa · 76  
Aschmann, Marcel · 76  
Asendorpf, Jens · 79  
Ashby, Nathaniel J. S. · 25, 51  
Ashton-James, Claire · 80  
Ask, Karl · 51, 75  
Aslan, Alp · 53  
Assfalg, Alexander · 71  
Äßfalg, André · 58  
Assmann, Anne · 45  
Attig, Manja · 63  
Aufmkolk, Alexa Alyssa · 38  
Augst, Susanne · 83  
Aust, Frederik · 83  
Ayal, Shahar · 81

---

### B

Baadte, Christiane · 43  
Backenstrass, Matthias · 85  
Baesler, Mareike · 57  
Bagnara, Sebastiano · 90  
Bago, Bence · 87  
Baier, Franziska · 35  
Balci, Elif · 89  
Band, Guido P.H. · 72  
Banse, Rainer · 55  
Banthin, Helge · 90  
Bär Deucher, Arlette · 40  
Bär, Arlette S. · 31  
Barman, Adriana · 34, 44, 45, 88  
Barth, Markus · 28  
Bättig, Franz · 39  
Baumann, Martin · 60, 62  
Baumann, Nicola · 39  
Baumert, Anna · 82  
Bäumli, Karl-Heinz T. · 41, 53, 58, 70  
Bausenhardt, Karin Maria · 63  
Bavelier, Daphne · 72  
Baving, Lioba · 53  
Bayen, Ute Johanna · 26, 41, 50, 56, 66  
Bayramoglu, Müge · 44  
Beck, Sigrid · 88  
Becker, Eni S. · 55  
Beckers, Tom · 35  
Behrendt, Martin · 53  
Behrens, Claudia · 90  
Bekker, Harold · 76  
Bekrater-Bodmann, Robin · 79, 84  
Belke, Eva · 31, 50  
Bell, Raoul · 26, 75, 76  
Beller, Sieghard · 73  
Benson, Sven · 57  
Bente, Gary · 32, 44  
Berdica, Elisa · 88  
Berger, Natalie · 66  
Bergmann, Til Ole · 78

Bergström, Kirstin · 82  
 Berkowitsch, Nicolas Arnold Joel · 80  
 Bermeitinger, Christina · 43, 87  
 Berners, Michael · 71  
 Berthold, Anne · 65  
 Berti, Stefan · 64  
 Berude, Carolin · 44  
 Bestler, Linda · 65  
 Betsch, Cornelia · 35, 58, 86  
 Bey, Katharina · 57  
 Bhattacharya, Joydeep · 32  
 Bien, Heidrun · 74  
 Bilalic, Merim · 34  
 Bingel, Ulrike · 57  
 Birkner, Stefanie · 82  
 Bittner, Jenny V. · 59  
 Bittrich, Katrin · 42, 43, 82, 83  
 Blabl, Stephanie · 90  
 Blackburn, Marianna · 40  
 Blank, Hartmut · 50  
 Blankenberger, Sven · 42, 43, 83  
 Blaschke, Stefan · 73  
 Blask, Katarina · 72  
 Bless, Herbert · 40, 69, 85  
 Bock, Otmar · 49  
 Bocklage, Angelika · 43  
 Böckler, Anne · 37  
 Bode, Regina C. · 44, 80  
 Bodemer, Nicolai · 30  
 Boer, Diana · 61  
 Böhm, Gisela · 45, 51  
 Bohner, Gerd · 51, 64  
 Bölte, Jens · 61, 74  
 Bongartz, Walter · 64  
 Bonin, Larissa · 43  
 Bonin, Patrick · 40, 67  
 Born, Jan · 66  
 Born, Sabine · 63  
 Bosse, Stefanie · 39  
 Böttcher, Svenja · 64  
 Boyarskaya, Evgenia · 64  
 Boywitt, Dennis · 25, 56, 66  
 Braatz, Janina · 66  
 Brand, Matthias · 25, 40, 44, 45, 46, 52,  
 65, 85, 89, 90

Brandenburg, Stefan · 60, 62  
 Brandstätter, Eduard · 35  
 Brandstätter, Veronika · 59  
 Brandt, Martin · 41, 87  
 Bräscher, Anne-Kathrin · 57  
 Brass, Marcel · 81  
 Bratzke, Daniel · 41  
 Braunstein, Verena · 60  
 Breitmeyer, Bruno G. · 26  
 Bridger, Emma K. · 70  
 Brinkhaus, Moti · 71  
 Brockmeyer, Timo · 85  
 Bröder, Arndt · 46  
 Bronk, Maria · 61  
 Brosschot, Jos · 80  
 Brown, Rupert · 27  
 Bruchmann, Maximilian · 26, 64  
 Bruggisser, Mara · 45  
 Bruns, Patrick · 63  
 Bublak, Peter · 54  
 Bublatzky, Florian · 44  
 Bucher, Leandra · 33, 40, 73  
 Buchner, Axel · 26, 54, 75, 76  
 Buckert, Magdalena · 52  
 Büdenbender, Niklas · 62  
 Buechner, Vanessa L. · 52  
 Bugaiska, Aurélia · 40  
 Bukow, Gerhard Christopher · 73  
 Burger, Christoph · 45  
 Burghardt, Juliane · 26  
 Bürli, Martina · 45  
 Busch, Niko A. · 63, 64

---

## C

Cajar, Anke · 87  
 Camargo, Carlos J. · 63  
 Campanella, Humberto · 63  
 Campbell, Jamie-Lee · 38  
 Canic, Emina · 58  
 Carbon, Claus Christian · 42  
 Carbone, Elena · 26  
 Castela, Marta · 69  
 Cavanagh, Patrick · 47

Cesko, Elvir · 57  
 Chang, Andrew · 61  
 Chan-Goldstein, Joseph · 61  
 Chatzisarantis, Nikos · 80  
 Chenkov, Nikolay · 69  
 Chinellato, Eris · 49  
 Christ, Oliver · 27, 86, 90  
 Cichecki, Patricia · 83  
 Classen, Claudia · 49  
 Claus, Berry · 89  
 Cohen, Asher · 77  
 Cölln, Martin Christoph · 25  
 Colzato, Lorenza · 72  
 Conci, Markus · 54, 64  
 Conrad, Markus · 74  
 Corneille, Olivier · 84  
 Cottrell, Garrison W. · 69  
 Crafa, Daina · 59  
 Craske, Michelle · 86  
 Crombez, Geert · 85  
 Cruz de Echeverría Loebell, Nicole · 37  
 Cserep, Csongor · 58  
 Cubillas, Carmelo P. · 75  
 Cüpper, Lutz · 36  
 Curio, Gabriel · 66  
 Czernochowski, Daniela · 40  
 Czochke, Stefan · 33

---

## *D*

da Silva Souza, Alessandra · 60, 66, 67  
 Damen, Tom G. E. · 81  
 Dannenberg, Laura · 81  
 Daum, Moritz M. · 63, 68, 76  
 Davelaar, Eddy · 47, 58, 80  
 David, Nicole · 64  
 De Filippis, Monica · 65, 88  
 De Houwer, Jan · 37, 72, 85  
 de la Vega, Irmgard · 65, 88  
 De Schryver, Maarten · 72  
 De Tezanos-Pinto, Pablo · 27  
 DeBellis, Emanuel · 81  
 Declerck, Mathieu · 50  
 Degner, Juliane · 26

Deibele, Anna · 44  
 Deichmann, Ralf · 88  
 del Pobil, Angel P. · 49  
 Deuker, Lorena · 78  
 Dickert, Stephan · 25, 51  
 Dickhäuser, Oliver · 51  
 DiDonato, Theresa Elise · 84  
 Dieckmann, Anja · 89, 90  
 Diedenhofen, Birk · 73  
 Diederich, Adele · 65  
 Diehl, Charlotte Sophie · 51  
 Diehl, Michael · 75  
 Dieckelmann, Susanne · 66  
 Dienelt, Lena · 87  
 Diers, Martin · 79  
 Dietrich, Holger · 89, 90  
 Dignath, David · 77, 87  
 Dijksterhuis, Ap · 81  
 Ding, Andreas · 60  
 Dittmar, Miriam · 68, 87  
 Dobel, Christian · 27  
 Dobler, Ina Maria · 70  
 Dolk, Thomas · 49  
 Domes, Gregor · 48  
 Dougherty, Michael · 58  
 Dreisbach, Gesine · 31, 32, 36, 64, 83, 88  
 Dreßler, Dennis · 85  
 Drewes, Sylvana · 35  
 Druey, Michel · 60, 66, 67  
 Dudschig, Carolin · 65, 88  
 Dufner, Michael · 79  
 Düzal, Emrah · 29  
 Dyjas, Oliver · 63

---

## *E*

Eberhardt, Katharina · 43  
 Ebert, Irena D. · 29  
 Eberth, Juliane · 66  
 Ebner, Franz · 60  
 Echterhoff, Gerald · 70  
 Eck, Jennifer · 65  
 Eckardt, Anja · 86

Ecker, Johannes · 74  
 Eckert, David · 87  
 Eckert, Robin · 89  
 Eder, Andreas · 37, 87  
 Eder, Veronika · 72  
 Eggert, Frank · 39, 62  
 Ehrke, Franziska · 65  
 Eichler, Alexandra · 29, 85  
 Eikmeier, Verena · 88  
 Ekardt, Phillipp · 36, 71  
 Ekroll, Vebjörn · 38  
 El-Deredy, Wael · 40  
 El-Kordi, Ahmed · 31  
 Ellenbuerger, Thomas · 79  
 Ellermeier, Wolfgang · 76  
 Elliot, Andrew J. · 52  
 Eloka, Owino · 63, 86  
 Elsenbruch, Sigrid · 57  
 Elsner, Birgit · 63, 76  
 End, Albert · 42  
 Engbert, Ralf · 25, 47, 71, 87  
 Enge, Sören · 56  
 Engel, Andreas K. · 79  
 Engel, Rolf R. · 45  
 Engelhardt, Carla · 89  
 Engels, Christina · 41  
 Engeser, Stefan · 39, 61  
 Erb, Hans-Peter · 65  
 Erdfelder, Edgar · 36, 56, 69, 75, 76  
 Erdmenger, Tina · 87  
 Eriksson, Gabriella · 83  
 Ernst, Benjamin · 30  
 Esteve, Jaume · 63  
 Ettinger, Ulrich · 56  
 Evans, Raymond · 27  
 Ewers, Anna Lisa · 28  
 Eyssel, Friederike · 27, 51

---

*F*

Faber, Amory · 40  
 Fallgatter, Andreas J. · 64  
 Fasold, Frowin · 49  
 Faul, Franz · 38

Fay, Doris · 44  
 Fehr, Ernst · 52  
 Feld, Gordon Benedikt · 66  
 Feldmann-Wüstefeld, Tobias · 81  
 Fellner, Marie-Christin · 41, 78  
 Fels, Janina · 50  
 Femppel, Heidi · 43  
 Ferreira, Mario B. · 37  
 Ferstl, Evelyn · 89  
 Feuchte, Friederike · 28  
 Feufel, Markus Alexander · 69  
 Fiebach, Christian · 52, 88  
 Fiedler, Anja · 86  
 Fiedler, Klaus · 46, 72  
 Fiedler, Susann · 80, 81  
 Figner, Bernd · 46  
 Filimon, Flavia · 69  
 Finke, Kathrin · 45, 54, 72  
 Finkel, Sebastian · 62  
 Finkelmeyer, Andreas · 88  
 Fischbacher, Urs · 52  
 Fischer, Martin H. · 55, 60  
 Fischer, Rico · 31, 32, 63, 66, 88  
 Fischer, Ronald · 61  
 Fischer, Ursula · 55  
 Fischinger, Timo · 87  
 Fleig, Hanna · 69  
 Fleischhauer, Monika · 56  
 Fleischhut, Nadine · 30  
 Flögel, Mareike · 86  
 Flor, Herta · 57, 79, 84  
 Florack, Arnd · 51  
 Föcker, Julia · 72  
 Foell, Jens · 79, 84  
 Foerster, Rebecca M. · 26  
 Folges, Andrei · 87  
 Förderer, Sabine · 55  
 Form, Sven · 43  
 Forster, Michael · 71  
 Förster, Simon · 43  
 Foulsham, Tom · 25  
 Franz, Volker H. · 63, 86  
 Franzen, Nele · 48  
 Franzmeier, Imke · 89  
 Freestone, David · 84

Frensch, Peter A. · 36, 43, 77  
Frenzel, Clemens · 57  
Frey, Corinne · 39  
Frey, Renato · 46  
Fried, Andreas · 42  
Friedrich, Claudia K. · 74  
Frings, Christian · 38, 41, 58  
Fröber, Kerstin · 83  
Fröhner, Jakob · 90  
Fuchs, Xaver · 79  
Fürstenberg, Anne · 67  
Furtner, Marco R. · 39, 61, 84

---

## *G*

Gade, Miriam · 60, 66, 67  
Gajda, Kathrin · 43  
Galeano Weber, Elena · 88  
Gallhofer, Bernd · 48  
Gampe, Anja · 68  
Ganzenmüller, Stephanie · 63  
Garaizar, Pablo · 75  
Gaschler, Robert · 36, 39, 43, 77  
Gaskell, M Gareth · 67  
Gaspar, Claudia · 89, 90  
Gast, Anne · 55, 72  
Gausel, Nicolay · 28  
Gazzo Castaneda, Lupita Estefania · 73  
Gebauer, Jochen · 78, 79  
Gegenfurtner, Karl · 76  
Gerbino, Walter · 48  
Gerdes, Antje B.M. · 64, 88  
Gerdes, Marlis · 26  
Gerger, Gernot · 71  
Gerstenberg, Tobias · 32  
Gerstner, Lena · 48  
Getzmann, Stephan · 42  
Geukes, Sebastian · 27, 67  
Ghoniem, Amir · 39  
Ghose, Tandra · 48, 82  
Giang, Trang · 76  
Giesen, Carina · 26  
Giesinger, Lukas · 59  
Gilchrist, Iain D. · 25, 59, 64

Gingras, Bruno · 32  
Giuliani, Daniela · 76  
Glaser, Tina · 55  
Glöckner, Andreas · 25, 46, 51, 57, 73, 81, 86  
Goebel, Silke Melanie · 55  
Goethe, Katrin · 47  
Goldberg, Greta · 89  
Gollwitzer, Mario · 27, 34  
Gollwitzer, Peter M. · 83  
Golz, Jürgen · 63  
Goodman, Noah D. · 32  
Göritz, Anja S. · 38, 90  
Goschke, Thomas · 63, 66  
Gottschalk, Caroline · 88  
Graf, Lorenz · 38  
Gräf, Michael · 69, 82  
Grande, Marion · 71  
Grattenthaler, Heidi · 33  
Greenlee, Mark W. · 82  
Gregg, Aiden P. · 79  
Greifeneder, Rainer · 65, 75  
Greßnich, Julia · 68  
Griffiths, Gordian · 60  
Grön, Georg · 64  
Grosjean, Marc · 87  
Groß, Clarissa E. · 46  
Groß, Julia · 50  
große Deters, Fenne · 55  
Großer, Steffi · 43  
Grund, Martin · 85  
Grundgeiger, Tobias · 66  
Grunwald, Regina · 43  
Guerra, Ernesto · 50  
Guidi, Stefano · 59, 90  
Güldenpenning, Iris · 49, 90  
Günster, Sarah · 86  
Günther, Thomas · 45, 68  
Gutenbrunner, Lisa · 27

---

## *H*

Haase, Niels · 35, 58  
Habel, Ute · 88



Haberkamp, Anke · 86  
 Hackenberg, Linn · 33  
 Hackmann, Danja · 42, 43, 44  
 Haddad, Leila · 48  
 Haering, Carola · 75  
 Haese, André · 40  
 Hafenbrädl, Sebastian · 29  
 Hagenhoff, Meike · 48  
 Haggard, Patrick · 43  
 Hagmayer, York · 35, 75  
 Hahn, Kerstin · 90  
 Hahne, Myriem · 89, 90  
 Haider, Hilde · 29, 43, 82, 85  
 Haiduk, Michael · 62  
 Halbeisen, Georg · 72  
 Haller, Julia · 64  
 Hamburger, Kai · 35, 87  
 Hammes, Julia · 32  
 Hanich, Julian · 36, 71  
 Hanig, Michael · 33, 37  
 Hannibal, Marco · 60  
 Hannover, Bettina · 29  
 Hans, Miriam · 65  
 Hansen, Sonja Maria · 85  
 Hanslmayr, Simon · 41, 78  
 Hanulikova, Adriana · 74  
 Harbison, Isaiah · 58  
 Harms, Christian · 60  
 Harms, Emma · 73  
 Harnack, Klaus · 80  
 Harth, Nicole S. · 28  
 Hass, Anja · 25  
 Hauck, Michael · 79  
 Hausmann, Daniel · 58, 65  
 Heber, Ines Ann · 85  
 Hecht, Heiko · 42, 61, 64  
 Heed, Tobias · 84  
 Heesen, Matthias · 62  
 Hegel, Frank · 65  
 Hegele, Mathias · 87  
 Heil, Martin · 54  
 Heim, Stefan · 71  
 Hein, Elisabeth · 47, 73  
 Hein, Laura · 60  
 Heinrichs, Markus · 52  
 Heister, Julian · 67  
 Heitmann, Carina · 27  
 Heller, Juliane Katrin · 43  
 Heller, Jürgen · 63, 76  
 Hellerstedt, Robin · 70  
 Hellmann, Jens Hinrich · 85  
 Helmert, Jens R. · 25, 39  
 Hendrich, Elisabeth · 39  
 Henle, Judith · 65  
 Hennig-Fast, Kristina · 45  
 Henning, Anne · 76  
 Henninger, Felix · 25  
 Henrichs, Ivanina · 63  
 Henschke, Sebastian · 25  
 Henz, Diana · 90  
 Hepp, Johanna · 45  
 Herbert, Elisa · 58  
 Herbst, Sophie · 63  
 Hertrich, Ingo · 88  
 Hertwig, Ralph · 29, 31, 35, 46, 73, 81  
 Herwig, Arvid · 38  
 Herzog, Michael H. · 48  
 Herzog, Stefan · 58, 69  
 Heuer, Evelyn · 37  
 Heuer, Herbert · 79, 85  
 Heymann, Maria · 67  
 Hilbert, Tatjana Stephanie · 38  
 Hilbig, Benjamin E. · 25, 45, 46, 66, 69, 81  
 Hildebrandt, Andrea · 27  
 Hilkenmeier, Frederic · 41, 74  
 Hiller, Laura Nathalie · 39, 84  
 Hills, Thomas · 35  
 Hintze, Philipp · 26, 64  
 Hinz, Susanne · 32  
 Hobson, Allan · 57  
 Hochman, Guy · 81  
 Hoegden, Fabia · 43  
 Hoeger, Rainer · 44  
 Hoehl, Stefanie · 68  
 Hofer, Franziska · 39  
 Hoffmann, Adrian · 43, 73  
 Hoffmann, Janina Anna · 86  
 Hoffmann, Lukas · 59  
 Hoffmann, Sven · 88

Hoffrage, Ulrich · 29  
 Höfle, Marion · 79  
 Höfler, Margit · 25, 59  
 Hofmann, Jens · 40, 89, 90  
 Hofmann, Maximilian · 71  
 Höger, Rainer · 62  
 Hohenstein, Sven · 67  
 Hohmann, Matthias · 76  
 Hommel, Bernhard · 49, 63, 72, 77  
 Hönig, Klaus · 64  
 Honstein, Helena · 43  
 Hopp, Holger · 50  
 Horn, Sebastian · 26, 41, 66  
 Horstmann, Gernot · 65  
 Huber, Odilo W. · 31, 40  
 Huber, Oswald · 31, 40  
 Huber, Rafael · 35  
 Huber, Stefan · 55, 60  
 Hübner, Carolin · 67  
 Hübner, Ricarda · 89  
 Hübner, Ronald · 36, 41  
 Huckauf, Anke · 36, 41, 59, 82, 87  
 Hudl, Nicole · 67  
 Huemer, Anja Katharina · 38  
 Huestegge, Lynn · 25, 31, 36, 83  
 Huettig, Falk · 78  
 Huff, Markus · 47  
 Hügelschäfer, Sabine · 81  
 Hughes, Charmayne Mary Lee · 32  
 Hunnius, Sabine · 76  
 Hussey, Erika · 58  
 Hütter, Mandy · 72  
 Hüttermann, Stefanie · 49

---

*I*

Ilg, Simone · 42  
 Imhoff, Roland · 55  
 In-Albon, Tina · 45  
 Indefrey, Peter · 74  
 Inhoff, Albrecht · 71  
 Irmscher, Tina · 43  
 Ischebeck, Anja · 60  
 Itz, Marlena L. · 42

Ivanov, Iliya · 29

---

*J*

Jaarsveld, Saskia · 40  
 Jacob, Gitta · 48  
 Jacobs, Arthur · 74  
 Jacobsen, Thomas · 32, 36, 67, 71, 86  
 Jagiellowicz, Monika · 33, 37  
 Jahn, Georg · 33, 47, 66  
 Jakesch, Martina · 71  
 Jäncke, Lutz · 72  
 Janczyk, Markus · 32, 77  
 Janouch, Julia · 45  
 Jansen, Ruth · 27  
 Janska, Anna · 86  
 Janz, Marcel · 34  
 Janzen, Gabriele · 53  
 Javadi, Amir Homayoun · 63  
 Jekel, Marc · 57, 73  
 Jenny, Mirjam Annina · 66  
 Jescheniak, Jörg D. · 67  
 Jeßberger, Susanne · 62  
 Jessen, Sarah · 32  
 Johansson, Mikael · 70  
 John, Leslie · 61  
 Johnson, Eric J. · 39  
 Jones, Dylan · 47  
 Josef, Anika K. · 31  
 Jost, Kerstin · 54, 57, 88  
 Josten, Johanna · 63  
 Jung, Christina · 32  
 Junge, Martin · 36, 37  
 Junghöfer, Markus · 64

---

*K*

Kaernbach, Christian · 38, 43, 44  
 Kagerer, Sabine · 30  
 Kaiser, Julia · 44  
 Kallista, Carolin · 43  
 Kamarova, Sviatlana · 80  
 Kämmer, Juliane Eva · 65

Kämpfe, Juliane · 39  
 Kamping, Sandra · 57, 79  
 Kanno, Taro · 44  
 Kappelhoff, Maike · 40  
 Karbach, Julia · 72  
 Karmann, Anna · 82  
 Kaser, Armin · 44, 68  
 Katsikopoulos, Konstantinos · 37  
 Kattner, Florian · 72  
 Kauffeldt, Johanna · 31  
 Kaufmann, Jürgen M. · 27, 28, 34, 42, 66  
 Kaup, Barbara · 65, 88  
 Keich, Alexandra · 62  
 Kellen, David · 56  
 Keller, Fabienne · 40  
 Keller, Johannes · 69, 89  
 Kellermann, Thilo · 88  
 Kemper, Maike · 36  
 Kensinger, Elizabeth A. · 66  
 Keppler, Philipp · 44  
 Kerzel, Dirk · 63  
 Keshavarz, Behrang · 60, 61  
 Kessler, Henrik · 56  
 Khader, Patrick H. · 57  
 Khalid, Shah · 38  
 Kibele, Armin · 49  
 Kiefer, Markus · 64  
 Kiesel, Andrea · 29, 32, 75  
 Kieslich, Pascal J. · 25, 46  
 Kilian, Beate Ursula · 45  
 Kipp, Kerstin · 53  
 Kirsch, Peter · 30, 48  
 Kirsch, Waldemar · 63  
 Kirschbaum, Clemens · 31, 52  
 Kissler, Johanna · 53  
 Kizilirmak, Jasmin M. · 70  
 Klatte, Maria · 67, 82  
 Klauer, Karl Christoph · 56, 73  
 Klaus, Nicola Beatrice · 90  
 Kleber, Janet · 51  
 Klein, Julian · 71  
 Klein, Sina A. · 64  
 Klein-Soetebier, Timo · 49  
 Kleinsorge, Thomas · 36, 83

Kliegel, Matthias · 26  
 Kliegl, Katrin Martina · 74  
 Kliegl, Oliver · 53, 58  
 Kliegl, Reinhold · 67, 71  
 Klimecki, Olga Maria · 30  
 Klucharev, Vasily · 35  
 Knauff, Markus · 33, 40, 73, 87  
 Kneer, Julia · 32, 44  
 Knoblich, Günther · 37  
 Knoeferle, Pia · 50, 78  
 Knopf, Monika · 41  
 Koch, Friederike · 43  
 Koch, Iring · 25, 36, 50, 63, 83  
 Koch, Sabine C. · 39  
 Koepsel, Anne · 41  
 Koeser, Sara · 65  
 Koesling, Hendrik · 26  
 Koester, Dirk · 44, 74, 78, 90  
 Kolar, Gerald Peter · 44  
 Kollei, Tanja · 41  
 Koller, Stefan · 49  
 Komes, Jessica · 70  
 Komlos, Judit B. · 58  
 König, Peter · 38  
 König, Thomas · 26  
 Konrad, Kerstin · 68  
 Kopietz, Rene · 78, 79  
 Köpke, Joscha · 65  
 Koppe, Georgia · 48  
 Koppehele-Gossel, Judith · 57  
 Koppel, Jonathan · 66  
 Köpsel, Anne · 87  
 Kopske, Dominique · 42  
 Koranyi, Nicolas · 43, 55  
 Körber, Moritz · 90  
 Körner, Anita · 85  
 Körner, Christof · 25, 59, 64  
 Koschutnig, Karl · 60  
 Kotz, Sonja A. · 32  
 Kozlik, Julia · 36  
 Krachtus, Tobias · 90  
 Krajewski, Jarek · 33, 37, 45  
 Krämer, Nicole C. · 65  
 Krämer, Ulrike · 34, 44  
 Kraus, Alexandra A. · 37

Krause, Florian · 55  
 Kreitz, Carina · 54  
 Krems, Josef · 25, 33  
 Kreutz, Gunter · 62  
 Kroll, Eike Benjamin · 46  
 Kroneisen, Meike · 75  
 Krueger, Joachim I. · 84  
 Krüger, Markus · 47  
 Krzoska, Carolin · 39  
 Kubica, Stefan · 60  
 Kubik, Veit · 41  
 Kuchenbrandt, Dieta · 27, 55  
 Kudielka, Brigitte M. · 52  
 Kuehnast, Milena · 36  
 Kuhbandner, Christof · 53  
 Kuhl, Diana · 50  
 Kuhn, Elisabeth Angela · 67  
 Kühn, Simone · 81  
 Kühnel, Sina · 30  
 Kuhr, Benjamin · 30, 83  
 Kummer, Julia · 26  
 Kunde, Alexander · 82  
 Kunde, Wilfried · 29, 32, 36, 63, 66, 77,  
 83  
 Küper, Kristina · 70  
 Kusch, Kerstin · 39  
 Kuta, Martha · 42  
 Kutzner, Florian · 69, 72

---

## *L*

La Mura, Susanne · 44  
 Lachmair, Martin · 65, 88  
 Lachmann, Thomas · 40, 67, 82, 87  
 Ladwig, Stefan · 79, 80  
 Lagnado, David · 32, 35  
 Laier, Christian · 45, 85, 89  
 Lamm, Claus · 30  
 Land, Patricia · 44  
 Lander, Karen · 27  
 Landerl, Karin · 68  
 Landhäußer, Anne · 89  
 Lang, Albert-Georg · 54  
 Lange, Elke B. · 25, 47

Lange, Florian · 62  
 Lange, Kathrin · 54, 74  
 Lange, Nicholas D. · 80  
 Langer, Nicolas · 72  
 Lappe, Markus · 49  
 Lau, Stephan · 33  
 Laubrock, Jochen · 71, 87  
 Laufenberg, Tom · 33, 37  
 Lavie, Nilli · 42  
 Lawo, Vera · 50  
 Leder, Achim · 33  
 Leder, Helmut · 71  
 Lehmann, Anne · 86  
 Leiberg, Susanne · 30  
 Leipold, Bernhard · 62  
 Leising, Daniel · 78  
 Leist, Felix · 66  
 Lemhöfer, Kristin · 74  
 Lemmer, Gunnar · 27  
 Lesch, Klaus-Peter · 56  
 Lété, Bernard · 67  
 Lethaus, Firas · 60  
 Levati, Vittoria · 30  
 Lewald, Jörg · 42  
 Libeau, Catherine · 44  
 Liberman, Nira · 74  
 Lichtenfeld, Stephanie · 52  
 Liebermann, Christoph · 87  
 Liebl, Andreas · 71  
 Liepelt, Roman · 49  
 Lier, Rob van · 48  
 Lin, Hsuan-Yu · 83  
 Lindemann, Oliver · 55, 60  
 Lindenberger, Ulman · 54  
 Lindgren, Magnus · 70  
 Lindner, Isabel · 70  
 Link, Tanja Simone · 55  
 Lis, Stefanie · 48  
 Loepthien, Tim · 62  
 Lücke, Bastian · 27  
 Luckhof, Marian · 62  
 Ludersdorfer, Philipp · 64  
 Ludwig, Anne Catrin · 52  
 Lukacs, Bence · 58  
 Lukas, Josef · 76

Lukas, Sarah · 36  
Luna-Rodriguez, Aquiles · 32, 67  
Lunke, Katrin · 40  
Lüttgen, Jenna Christine · 79

---

## *M*

Maag, Christian · 33, 37  
Maas, Marco · 87  
Maaß, Anne · 78  
Maaß, Stefanie · 81  
Machmer, Anna-Maria · 43  
Macho, Siegfried · 61  
Macken, Bill · 47  
Mädebach, Andreas · 67  
Maderwald, Stefan · 52, 65  
Mahlfeld, Wiebke · 62  
Mahr, Angela · 59  
Mai, Robert · 39  
Maier, Markus Andreas · 52  
Maier, Martin E. · 40  
Maier, Wolfgang · 56  
Majerus, Steve · 47  
Makowski, Laura · 85  
Malejka, Simone · 56  
Malek, Stephanie Friederike · 38  
Maltese, Simona · 82  
Mangold, Stefan · 75  
Mani, Nivedita · 78  
Marewski, Julian N. · 29, 57, 58, 65  
Marin, Manuela Maria · 32  
Markett, Sebastian · 56  
Marksteiner, Tamara · 51, 75  
Martignon, Laura Felicia · 69  
Martin, Mike · 42  
Martini, Markus · 67  
Martiny-Huenger, Torsten · 83  
Masiero, Bruno · 50  
Masip, Jaume · 75  
Mast, Frank · 41  
Mata, Andre · 37  
Mata, Rui · 31, 46  
Mattes, Stefan · 62  
Matute, Helena · 75  
Mausfeld, Rainer · 77  
Maydych, Viktoriya · 57  
Mayr, Susanne · 54  
Mayrhofer, Ralf · 73, 86  
Mazziotta, Agostino · 27, 28  
McCormack, Teresa · 35  
McKenzie, Craig R.M. · 69  
Mecklinger, Axel · 53, 70  
Meder, Björn · 30, 32, 69  
Meier, Beat · 26, 36  
Meinecke, Cristina · 26, 82  
Meinhardt, Günter · 42  
Meinhardt-Injac, Bozana · 42  
Meiser, Thorsten · 25, 47, 56, 69  
Meissner, Franziska · 65  
Meixner, Friedrich Florian · 89  
Meixner, Johannes M. · 36  
Melinger, Alissa · 67  
Melnikova, Anna · 57  
Memmert, Daniel · 49  
Menninghaus, Winfried · 36, 71  
Mertens, Dennis · 43  
Meyer, Antje S. · 78  
Meyerhoff, Hauke S. · 47  
Michalke, Meik · 73  
Michalkiewicz, Martha · 69  
Michel, Christine · 68  
Mier, Daniela · 48  
Mierke, Katja · 34, 89  
Miller, Jeff · 41  
Minge, Michael · 91  
Mishra, Ramesh K. · 78  
Moeller, Birte · 38, 41  
Moeller, Korbinian · 55, 60  
Mojzisch, Andreas · 34  
Möller, Hans-Jürgen · 45  
Möller, Malte · 54  
Möller, Sebastian · 66  
Molzow, Ina · 53  
Montag, Christian · 30  
Morais, Ana Sofia · 32, 35  
Moshagen, Morten · 73  
Mößnang, Carolin · 88  
Mössner, Rainald · 56  
Mota, Simon · 64

Moussaïd, Mehdi · 65  
 Muenta, Thomas · 34  
 Mühlberger, Andreas · 84  
 Muhrer, Elke · 62  
 Muijden, Jesse van · 72  
 Müller, Barbara C. N. · 81  
 Müller, Florian · 33  
 Müller, Hermann J. · 45, 54, 63, 64  
 Müller, Maike · 57  
 Müller, Sarah · 41  
 Müller, Silke · 40  
 Mummendey, Amelie · 27, 28  
 Munko, Daniel Christian Tobias · 44  
 Münte, Thomas F. · 44  
 Munz, Manuel · 53  
 Mura, Katharina · 85  
 Musch, Jochen · 43, 73, 83  
 Musiol, Annika · 34  
 Müsseler, Jochen · 42, 53, 80, 87

---

## *N*

Nachtigall, Kerstin · 90  
 Nadarevic, Lena · 41  
 Nader, Ingo W. · 45  
 Nadler, Arie · 28  
 Nagel, Jonas · 38  
 Nagler, Markus · 61  
 Nairne, James S. · 52, 76  
 Najock, Sebastian · 43, 44  
 Nattkemper, Dieter · 77  
 Naujoks, Frederik · 33  
 Naumer, Marcus J. · 88  
 Nazzal, Rami · 89  
 Nejasmic, Jelica · 33, 40, 73  
 Nelson, Jonathan D. · 69  
 Nestler, Steffen · 50, 60  
 Neth, Hansjörg · 65  
 Nett, Nadine · 41  
 Netter, Petra · 48  
 Neugebauer, Moritz · 33  
 Neukum, Alexandra · 33  
 Neumann, Markus F. · 42  
 Neumann, Roland · 36

Neuper, Christa · 60  
 Neurauter, Manuel · 61  
 Neutze, Theresa · 65  
 Niedtfeld, Inga · 45, 48  
 Niemeier, Sarah · 51  
 Niesta-Kayser, Daniela · 52  
 Nieznański, Marek · 40  
 Noé, Lisa · 59  
 Nuerk, Hans-Christoph · 55, 60

---

## *O*

Oberauer, Klaus · 37, 60, 66, 67, 72  
 Oberfeld, Daniel · 42  
 Obermeier, Christian · 74  
 Obermeyer, Sven · 41  
 Oeberst, Aileen · 60  
 Oehl, Michael · 44, 62, 85  
 Oehler, Kristin · 66  
 Oehmichen, Corinna · 32  
 Olderbak, Sally · 27  
 Olivers, Chris · 74  
 Öllinger, Michael · 37, 40  
 Olsson, Henrik · 32, 35, 37  
 Oppermann, Frank · 67  
 Orgs, Guido · 43  
 Ostapczuk, Martin · 43  
 Osterhage, Björn · 53  
 Oswald, Margit Elisabeth · 33

---

## *P*

Pabst, Stephan · 52  
 Pachur, Thorsten · 25, 46, 57, 58, 81  
 Palmer, Stephen E. · 27, 48, 59  
 Pan, Jinger · 71  
 Panzer, Stefan · 79  
 Papenberg, Martin · 73  
 Papendick, Michael · 39  
 Pape-Neumann, Julia · 71  
 Papenmeier, Frank · 47  
 Pappert, Sandra · 67  
 Parys, Juliane · 33

Paschke, Lena · 39  
 Pastötter, Bernhard · 53  
 Paucke, Madlen · 67  
 Pauen, Sabina · 68  
 Paulus, Andrea · 59  
 Paulus, Markus · 76  
 Pawlikowski, Mirko · 45, 46, 52  
 Pekał, Jaro · 45  
 Pekrun, Reinhard · 52  
 Pelke, Claudia · 64  
 Penke, Lars · 79  
 Peperkorn, Henrik · 84  
 Persike, Malte · 38, 42  
 Peters, Ellen · 51  
 Peterson, Mary A. · 48  
 Petrova, Kalina · 59  
 Petrovsky, Nadine · 56  
 Pfattheicher, Stefan · 89  
 Pfeifer, Caroline · 76  
 Pfeiffer, Nils · 85  
 Pfeiffer, Till · 88  
 Pfeuffer, Christina · 88  
 Pfister, Hans-Rüdiger · 45, 51, 62  
 Pfister, Roland · 32, 59, 66, 77, 88  
 Philipp, Andrea M. · 50, 63, 83  
 Phillips, Nathaniel David · 83  
 Pieczykolan, Aleksandra · 31  
 Pipergias Analytis, Pantelis · 65  
 Pittig, Andre · 86  
 Platzzer, Christine · 46  
 Plessow, Franziska · 31  
 Plichta, Michael M. · 43, 64  
 Pohl, Carsten · 59  
 Pohl, Rüdiger · 50, 69  
 Polzer, Christin · 44  
 Pomper, Ulrich · 79  
 Poyarekar, Siddhi · 27  
 Praamstra, Peter · 78  
 Prehn-Kristensen, Alexander · 53  
 Preissl, Hubert · 68  
 Prinz, Wolfgang · 49  
 Pröhl, Andrea Christina · 67  
 Pronin, Sergey · 45  
 Puetz, Vanessa · 68  
 Puskaric, Marin · 31

Putzar, Lisa · 89

---

## *Q*

Quednow, Boris · 56  
 Quirin, Markus · 30, 44, 59, 80, 83

---

## *R*

Radach, Ralph · 71  
 Rahn, Stefanie · 86  
 Rakic, Tamara · 28, 29  
 Rakoczy, Hannes · 76  
 Rance, Mariela · 79  
 Rasch, Thorsten · 43  
 Rathfelder, Salome · 44  
 Rebitschek, Felix G. · 32, 33  
 Redel, Petra · 54, 72  
 Rees, Jonas H. · 34  
 Regel, Stefanie · 74  
 Regenbogen, Christina · 48, 88  
 Regenbrecht, Gunnar · 54  
 Reich, Natalia · 51  
 Reif, Andreas · 56  
 Reimer, Christina · 81  
 Reimers, Julia · 71  
 Reinersmann, Annika · 79  
 Reinert, Nicole · 86  
 Reinhard, Marc-André · 34, 51, 75  
 Reinprecht, Klaus · 62  
 Reisenauer, Renate · 88  
 Reizenzein, Rainer · 33, 37  
 Reishofer, Gernot · 60  
 Rendell, Peter G. · 26  
 Renkewitz, Frank · 35, 58  
 Rentzsch, Katrin · 79  
 Reuss, Heiko · 59  
 Reuter, Martin · 30  
 Rey, Günter Daniel · 31  
 Rey-Mermet, Alodie · 26, 36  
 Richardson, Daniel C. · 75  
 Richardson-Klavehn, Alan · 29, 78  
 Richter, Anni · 88

Richter, Katerina · 64  
 Richter, Michael · 83  
 Richter, Sylvia · 34, 44, 45, 88  
 Rieger, Diana · 32  
 Rieger, Martina · 26  
 Riemer, Martin · 84  
 Rieskamp, Jörg · 35, 46, 80, 86  
 Riether, Nina · 65  
 Rinck, Mike · 55  
 Rinkenauer, Gerhard · 36, 62  
 Risse, Sarah · 71  
 Ritter, Christoph · 57  
 Ritzkowski, Sven · 73  
 Roeder, Brigitte · 63  
 Röer, Jan Philipp · 75  
 Roessel, Janin · 28, 68  
 Roessler, Hendrik · 60  
 Rohr, Lana · 67  
 Rohr, Michaela · 26  
 Rolke, Bettina · 42, 73, 74, 88  
 Rommers, Joost · 78  
 Roock, André · 41, 76  
 Röpke, Stefan · 45  
 Rose, Sebastian Benjamin · 67  
 Röser, Florian · 35, 87  
 Rothe, Anselm · 86  
 Rothe, Astrid · 28  
 Rothermund, Klaus · 26, 31, 33, 37, 55,  
 65  
 Rubaltelli, Enrico · 51  
 Rudert, Selma Carolin · 68  
 Ruffieux, Nicole · 33  
 Ruge, Hannes · 77  
 Ruggeri, Azzurra · 37, 69  
 Rummel, Jan · 25, 66, 69  
 Rummer, Ralf · 67, 82  
 Rüsseler, Jascha · 43  
 Ruth, Christoph · 62  
 Ruys, Kirsten I. · 81

---

## S

Sachse, Pierre · 39, 61, 67, 84  
 Sählhoff, Kai · 43

Salzmann, Marie · 86  
 Sander, Myriam Christine · 54  
 Sandhagen, Petra · 68  
 Sarris, Viktor · 27  
 Sauer, Carina · 30, 48  
 Schack, Thomas · 32, 44, 49, 80, 90  
 Schad, Daniel J. · 71  
 Schade, Susann · 31  
 Schade, Ursula · 82  
 Schäfer, Lena · 52  
 Schäfer, Thomas · 61  
 Schaffer, Stefan · 91  
 Schaffer, Susann · 82  
 Schain, Cécile · 70  
 Schaper, Marie Luisa · 26  
 Schär, Patricia · 68  
 Scharke, Wolfgang · 45, 68  
 Scharlau, Ingrid · 41, 73, 74  
 Scharmach, Martin · 75  
 Schaub, Simone · 86  
 Schedlowski, Manfred · 57  
 Scheibehenne, Benjamin · 25, 80  
 Scheithauer, Linda · 44  
 Schiebener, Johannes · 40, 46  
 Schiller, Florian F. · 86  
 Schinauer, Thomas · 87  
 Schindler, Simon · 34  
 Schleger, Franziska · 68  
 Schleicher, Robert · 66  
 Schlittenlacher, Josef · 76  
 Schlittmeier, Sabine J. · 71  
 Schloss, Karen B. · 27  
 Schlüter, Nick · 63  
 Schmid, Dorothee · 65  
 Schmid, Julia · 57  
 Schmid, Marc · 45  
 Schmid, Mareike · 42, 88  
 Schmid, Philipp · 58  
 Schmidt, Filipp · 59  
 Schmidt, Thomas · 27, 59, 86, 87  
 Schmitt, Manfred · 82  
 Schmitz, Florian · 37  
 Schmitz, Julia · 57  
 Schmitz, Marcus · 33, 37  
 Schmitz, Melanie · 26



Schneeberger, Tanja · 59  
 Schneider, Daniel · 41  
 Schneider, Tobias Matthias · 42  
 Schneider, Werner X. · 26, 38, 60  
 Schnell, Frank · 42  
 Schnell, Knut · 56  
 Schnieder, Sebastian · 33, 37, 45  
 Schnitzspahn, Katharina · 26  
 Schnotz, Wolfgang · 42  
 Schnuerch, Robert · 54  
 Schoel, Christiane · 28, 65  
 Schoemann, Martin · 86  
 Schöl, Christiane · 28  
 Schöler, Tobias · 40, 52  
 Scholl, Sabine G. · 40, 69  
 Scholler, Simon · 66  
 Scholz, Agnes · 25  
 Schomberg, Jessica · 83  
 Schoofs, Daniela · 52  
 Schooler, Lael · 32, 35, 58  
 Schott, Björn H. · 29, 34, 44, 45, 88  
 Schramm, Julia · 43  
 Schreiber, Mareike · 86  
 Schriefers, Herbert · 74  
 Schröder-Abé, Michela · 79  
 Schroeder, Sascha · 53  
 Schröger, Erich · 86  
 Schröter, Hannes · 41, 86  
 Schröter, Jessica · 65  
 Schubert, Lisa · 39  
 Schubert, Thomas W. · 39  
 Schubert, Torsten · 43, 56, 72, 81  
 Schubö, Anna · 81  
 Schubotz, Ricarda I. · 76  
 Schuch, Stefanie · 83  
 Schult, Janette · 66  
 Schulte, Frank Paul · 40, 45, 52, 65  
 Schulte-Mecklenbeck, Michael · 81  
 Schultze, Thomas · 34, 35, 86  
 Schulz, Claudia · 27, 28, 34, 42, 66  
 Schulz-Hardt, Stefan · 34, 35, 86  
 Schumpe, Birga Mareen · 65  
 Schuster, Katharina · 90  
 Schütz, Christoph · 80  
 Schütz-Bosbach, Simone · 64  
 Schwabe, Lars · 41  
 Schwager, Sabine · 36, 43, 60  
 Schwager, Susanne · 31  
 Schwan, Stephan · 47  
 Schwarz, Marcus · 40, 64  
 Schwarz, Sascha · 52  
 Schwarze, Anke · 62  
 Schwarzkopp, Tina · 88  
 Schwedes, Charlotte · 35  
 Schweiger, Desirée · 30  
 Schweinberger, Stefan R. · 27, 28, 34, 42, 66, 70  
 Schweppe, Judith · 67, 82  
 Schwierén, Christiane · 52, 84  
 Sczesny, Sabine · 65  
 Sebanz, Natalie · 37, 49  
 Sedikides, Constantine · 79  
 Sedlmeier, Peter · 39, 50, 64, 86  
 Seegelke, Christian · 32, 80  
 Seibold, Verena Carola · 42, 74, 88  
 Seidenbecher, Constanze · 34, 44, 45, 88  
 Seiffge-Krenke, Inge · 42  
 Seifried, Tanja · 41  
 Sejnowski, Terrence J. · 69  
 Sellaro, Roberta · 49  
 Semm, Katrin · 42  
 Senkowski, Daniel · 79  
 Sereno, Martin I. · 69  
 Sergi, Laura · 87  
 Shah, Mira · 36, 71  
 Shaki, Samuel · 55  
 Shanks, David R. · 30, 72  
 Shelepin, Yuriy · 45  
 Sheng, Liang · 50  
 Sherman, Steven J. · 37  
 Shi, Zhuanghua · 63  
 Shishechian, Sutude · 32  
 Shnabel, Nurit · 28  
 Shoshina, Irina · 45  
 Siebert, Felix Wilhelm · 62  
 Siem, Birte · 28  
 Simms, Victoria · 35  
 Simon, Madeleine · 86  
 Simons, Daniel · 49  
 Singer, Tania · 30

Singh, Niharika · 78  
 Singh, Siddharth · 78  
 Singmann, Henrik · 73  
 Sjöström, Arne · 34  
 Skottke, Eva-Maria · 53  
 Skuk, Verena Gabriele · 28  
 Slovic, Paul · 51  
 Smith, Rebekah E. · 56  
 Smith, Tim J. · 47  
 Soch, Joram · 45  
 Sodian, Beate · 76  
 Sohn, Matthias · 81  
 Sommer, Werner · 27  
 Sonderegger, Andreas · 45  
 Soutschek, Alexander · 56  
 Souza, Alessandra da Silva · 60, 66, 67  
 Soyer, Emre · 51  
 Spengler, Marion · 72  
 Speth, Jana · 57  
 Spiegel, Marnie Ann · 32, 49  
 Sporer, Siegfried Ludwig · 75  
 Spörrle, Matthias · 90  
 Srowig, Annie · 43  
 Stahl, Christoph · 56  
 Stahlberg, Dagmar · 28, 34, 68, 75  
 Stahn, Patricia · 42  
 Starcke, Katrin · 52  
 Stark, Rudolf · 30  
 Starzynski, Christian · 47  
 Staschkiewicz, Bettina · 40, 52  
 Staudigl, Tobias · 78  
 Steffen, Anja · 38  
 Steffens, Melanie C. · 29, 65, 66  
 Steimke, Rosa · 39  
 Steindorf, Lena · 87  
 Steinhauser, Marco · 30, 75  
 Steinwascher, Merle · 47  
 Steinwascher, Merle A. · 47  
 Stekl, Anissa · 86  
 Stelzel, Christine · 39  
 Stenner, Tristan · 44  
 Stenzel, Anna · 49  
 Stephan, Denise Nadine · 36, 63  
 Stevens, Jeffrey R. · 30  
 Stieger, Stefan · 45

Stöckigt, Gerrit · 85  
 Stodt, Benjamin · 44  
 Stoklasa, Jan · 87  
 Strack, Fritz · 85, 89  
 Street, Chris N.H. · 75  
 Strelan, Peter · 34  
 Streubel, Janet · 43  
 Strobach, Tilo · 72, 81  
 Strobel, Alexander · 56  
 Strobel, Theresa M. · 46  
 Strohbach, Tilo · 72  
 Stürmer, Stefan · 28  
 Suchotzki, Kristina · 85  
 Sülzenbrück, Sandra · 85  
 Suter, Renata · 29, 46  
 Sutter, Christine · 53, 80, 85  
 Svenson, Ola · 83  
 Szech, Nora · 33, 65

---

## *T*

Tatler, Benjamin W. · 75  
 Taylor, John · 47  
 Tempel, Tobias · 41  
 Tenenbaum, Joshua B. · 32  
 Tews, Tessa-Karina · 44  
 Thaler, Kathrin · 64  
 Thielmann, Isabel · 25  
 Thoben, Deborah Felicitas · 85  
 Thoerner, Claudia · 76  
 Thoma, Dieter · 40  
 Thoma, Volker · 42, 89  
 Thomas, Nadine · 82  
 Thomas, Rick P. · 80  
 Thomaschke, Roland · 36  
 Thomassen, Sabine · 43  
 Tiemann, Sonja · 88  
 Tiggelbeck, Jens · 87  
 Tirado Bou, Maria A. · 49  
 Töbel, Lisa · 36, 41  
 Töllner, Thomas · 45, 54  
 Toma, Claudia · 84  
 Töpfer, Martina · 89  
 Topolinski, Sascha · 29

Tracy, Rosemarie · 29  
Trarbach, Judith Natalie · 46  
Traupe, Ole · 38, 43, 44  
Treffenstädt, Christian · 86  
Trillmich, Cate Marie · 35, 87  
Trojan, Jörg · 79  
Trumpf, Natalie Maria · 61  
Tsankova, Elena · 54  
Tuch, Christiane · 34  
Tuncer, Jana · 44  
Tünnermann, Jan · 41  
Turowski, Sarah · 89

---

## U

Ullrich, Johannes · 28, 84  
Ullrich, Sebastian · 73  
Ulrich, Martin · 64  
Ulrich, Rolf · 41, 63, 88  
Ulshöfer, Corina Tamara · 33  
Umbach, Nora · 63  
Umbach, Valentin J. · 36, 43  
Undorf, Monika · 35, 36  
Unkelbach, Christian · 69, 82  
Utesch, Fabian · 62

---

## V

Valuch, Christian · 64  
van Baaren, Rick · 49  
Van Baaren, Rick · 81  
van den Bosch, Jasper J.F. · 88  
van den Brink, Danielle · 53  
van der Weiden, Anouk · 81  
van Ermingen-Marbach, Muna · 71  
Vasiljevic, Milica · 34  
Västfjäll, Daniel · 51  
Velichkovsky, Boris Mitrofanovich · 25,  
39  
Veltkamp, G. Marina · 87  
Verkuil, Bart · 80  
Verschuere, Bruno · 85  
Vervecken, Dries · 29

Vervliet, Bram · 35  
Vogel, Tobias · 69  
Vogt, Barbara · 64  
Vogt, Bodo · 46  
Volberg, Gregor · 81, 82  
Volk, Sabine · 85  
Vollmar, Josefine · 45, 68  
Vollrath, Mark · 33, 37, 38, 62  
Volquarts, Marie-Kristin · 89  
Volz, Kirsten · 29  
von Bastian, Claudia Christina · 72  
von Dawans, Bernadette · 52  
von Essen, Emma · 33, 65  
von Helversen, Bettina · 46, 86  
von Mühlenen, Adrian · 64  
von Oettingen, Maria · 28  
von Stülpnagel, Rul · 39  
von Sydow, Momme · 73  
von Wurzbach, Bianca · 85  
Vorberg, Dirk · 26, 27  
Vorderer, Peter · 64  
Vorstius, Christian · 71  
Voss, Andreas · 61, 65, 83, 84  
Voss, Ursula · 57  
Vuori, Maria · 76

---

## W

Wacker, Jan · 30  
Wagemans, Johan · 48  
Wagner, Inga · 42  
Wagner, Michael · 56  
Wagner, Ulrich · 27  
Wagner, Valentin · 36, 71  
Wahl, Sebastian · 68  
Walasek, Lukasz · 80  
Waldhauser, Gerd Thomas · 70  
Waldmann, Michael · 73  
Waldmann, Michael R. · 38, 73  
Walser, Moritz · 66  
Walter, Henrik · 39, 45, 56  
Walter, Katharina · 89  
Walter, Stefan · 26  
Walther, Eva · 72

Walther, Lydia · 34  
 Wandke, Hartmut · 85  
 Wang, Lei · 79, 80  
 Wanzel, Stella · 40  
 Wascher, Edmund · 41, 88  
 Wassiliwizky, Eugen · 36  
 Waubert de Puiseau, Berenike · 86  
 Weber, Andrea · 74  
 Weber, Andreas · 27, 59  
 Wegmann, Elisa · 40, 46  
 Wehr, Barbara · 43  
 Wehrum, Sina · 30  
 Weick, Mario · 34  
 Weigelt, Matthias · 49  
 Weikamp, Julia G. · 90  
 Weil, Rebecca · 72  
 Weinreich, André · 36  
 Weiß, Katharina · 74  
 Welter, Marisete · 40  
 Wendt, Mike · 32, 67  
 Weniger, Katharina · 37  
 Wenke, Dorit · 75, 77  
 Wennekers, Annemarie M. · 55  
 Wentura, Dirk · 26, 35, 59  
 Werheid, Katja · 66  
 Werkle-Bergner, Markus · 54  
 Werner, Annette · 29  
 Wesche, Jenny Sarah · 90  
 Wesslein, Ann-Katrin · 25, 66  
 Westerholz, Jan · 90  
 Wetzl, Inge · 81, 90  
 White, Andrew · 30, 31  
 White, Chris M. · 29  
 Wichert, Sonja · 41  
 Wiegand, Iris · 54  
 Wiegmann, Alex · 82  
 Wiese, Holger · 34, 42, 70  
 Wilborn, D. Luisa · 43  
 Wilczek, Maren · 67  
 Wildner, Raimund · 89, 90  
 Wilhelm, Frank · 45  
 Wilhelm, Ines · 66  
 Wilhelm, Oliver · 27  
 Williams, Alwyn · 89  
 Willing, Sonja · 73

Wimber, Maria · 78  
 Winkler, Isabell · 64  
 Wirth, Maria · 39  
 Wirth, Robert · 66  
 Witteman, Cilia · 46  
 Wittmann, Werner W. · 61  
 Woike, Jan K. · 29  
 Woike, Jan Kristian · 29  
 Woitscheck, Christina · 76  
 Wolbers, Thomas · 57  
 Wolf, Anna · 70  
 Wolf, Annegret · 42  
 Wolf, Christian · 35  
 Wolf, Kerstin · 86, 88  
 Wolf, Oliver T. · 41, 52  
 Wolfensteller, Uta · 77  
 Wolff, Kerstin · 86  
 Wolff, Nicole · 34  
 Woltin, Karl-Andrew · 84  
 Wörner, Christiane · 30  
 Woud, Marcella Lydia · 55  
 Wright, Stephen · 27  
 Wronski, Caroline · 63  
 Wulff, Dirk · 35  
 Wurm, Moritz F. · 76  
 Würzner, Kay-Michael · 67  
 Wykowska, Agnieszka · 81

---

## Y

Yang, Lee-Xieng · 83  
 Yu, Erica · 58  
 Yuras Zúñiga, Gabriel I. · 41, 87  
 Yzerbyt, Vincent · 84

---

## Z

Zaiser, Ann-Kathrin · 41  
 Zander, Thea · 29  
 Zanon, Riccardo · 72  
 Zarnhofer, Sabrina · 60  
 Zekorn, Nora · 85  
 Zellin, Martina · 64

Zettler, Ingo · 66  
Ziegler, Esther · 31  
Zieglgänsberger, Walter · 79  
Zimmer, Hubert D. · 70  
Zimmer, Katharina · 85  
Zimmermann, Johannes · 85  
Zinchenko, Tetiana · 60

Zöllig, Jacqueline · 42  
Zubarik, Sabine · 90  
Zürn, Michael · 89  
Zwickel, Jan · 87  
Zwissler, Bastian · 53  
Zwitslerood, Pienie · 61, 67, 74  
Zwosta, Katharina · 63

5

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O