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Programme

of the 55th Conference of Experimental Psychologists

March, 24th to 27th, 2013
Vienna, Austria

TeaP 2013

Programme
of the 55th Conference
of Experimental Psychologists
— corrected version —

Edited by Ulrich Ansorge, Erich Kirchler,
Claus Lamm, and Helmut Leder

March, 24th to 27th, 2013

Vienna, Austria



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Welcome address of the Rectorate

On behalf of the Rectorate, I wish a warm welcome to all participants of the 55th TeaP conference in Vienna. We consider it a great honour and an acknowledgement of the achievements of our Faculty of Psychology that this meeting will take place at the University of Vienna for the first time. We also wish this year's participants every success. We express our heartfelt gratitude to the members of the Department of Basic Psychological Research and Research Methods for having organised such a large event.

We are aware that the TeaP conference is one of the most important meetings in the field of experimental psychology in the German-speaking countries, thus offering an excellent platform for the exchange of current research results. In our opinion, there are two reasons why the TeaP conference series is particularly attractive. First, researchers from outside the German-speaking countries have been invited to participate, and second, many young researchers contribute with a presentation.

One of the University of Vienna's most important goals is to provide a rich and stimulating intellectual environment for young researchers. In the almost 650-year-long history of the University of Vienna, we have learned that the drive for the further development of science often stems from young members of the research community, who are aiming to establish themselves in the field. These initiatives by young researchers, however, will only have a positive effect if they get involved in the scientific debate from an early stage, and if they have the opportunity to present their research to the scientific community. The TeaP 2013 conference will definitely make a valuable contribution to this process.

Prof. Dr. Susanne Weigelin-Schwiedrzik
Rector's First Deputy
Vice Rector for Research and Career Development
University of Vienna

Welcome address of the Dean

Dear colleagues,

The Faculty of Psychology of the University of Vienna is deeply honoured, as well as honestly proud, to host the 55th TeaP conference in Vienna. It is only the second time that the TeaP conference convenes in Austria, and surprisingly, it is the first time the TeaP conference is held in Vienna. For experimental psychologists, the TeaP conference is the most important meeting in the field of academic psychology in the German-speaking countries. Because it is the traditional venue for presenting and debating psychological research from an experimental perspective, over the years this conference has contributed substantially to the prospering of scientific psychology in this region of Europe and far beyond. In recent years, TeaP conference's growing international visibility has attracted more and more colleagues from all over Europe and the rest of the world. Thus, the conference has been transformed from a regional to a global event. The increasing number of attendees and high-level contributions are reliable indicators of this stunning success story.

By promoting experimental psychology in the various fields of psychology, the TeaP conference offers a unique melting pot for senior researchers, highly esteemed scholars, as well as young and early-career researchers. The impact of this venue is manifold, spanning from individual academic career development to strategic changes of profiles for psychology departments. An example of the latter might be the Faculty of Psychology in Vienna. Here many of my colleagues, and in fact most of the recently hired new faculty members, share a common research frame, independently of their various sub-disciplines of psychology: the experimental approach. Many of these faculty members are actively involved in the conference. The conference venue, in downtown Vienna, is only a few steps away from our Faculty building, thus offering a unique opportunity to take a closer look at the "Vienna taste and flavour" of psychology. Our research topics range from basic bio-psychological models of behaviour, fundamental processes associated with visual attention and empirical aesthetics, to economic and social decision making, or bonding processes in early childhood, as well as clinical research. You are warmly invited to pay us a visit!

Our colleagues of the local congress organisation have managed, with your help, to compile an excellent and highly promising program, striking both in its depth and breadth, covering nearly all of psychology's sub-disciplines. I want to express my gratitude to all of them for making this congress possible. Finally, I am deeply convinced that you will enjoy a magnificent three days with many interesting debates, new insights and ideas for your own research, lots of networking, and last but not least, an unforgettable experience while exploring some of the renowned traditional cafés in our city. We are looking forward to welcoming you to Vienna!

Germain Weber
Dean of the Faculty of Psychology, University of Vienna

Welcome address of the organisers

A warm welcome to the TeaP 2013 conference in Vienna!

As in previous years, we are looking forward to an exciting conference, based on an excellent scientific program, and with contributions that cover a broad range of psychological research topics. This is in keeping with Vienna's history in psychology. As you might know, this city has a long lasting tradition in academic psychology and associated fields. Charlotte and Karl Bühler, Ernst Mach, or Egon Brunswick – iconic figures who had a profound impact on psychology – all lived and worked in Vienna.

Like academic psychology in Vienna, the TeaP conference series has its traditions and history. Over the years, the TeaP conference has changed in many ways. It has considerably grown in the number of participants. Its major conference language has recently changed to English, attracting more international researchers. The fusion of mind and brain sciences continues to reshape its topics and content. During your stay in Vienna, you will find evidence for all of these changes. Despite these changes, and faithful to its longstanding traditions, Vienna's TeaP conference continues to be a prime opportunity for young researchers to present a scientific talk. The organisers have offered participants as much space as possible for their requested oral presentations, rather than relegating young researchers to poster presentations. The number of talks is truly impressive, with more than 600 accepted talks on an enormous variety of topics. If the number of talks at future TeaP conferences remains this high, TeaP organisers may consider extending the conference (again) to four days.

TeaP is committed to providing a plenum that fosters exchanges among junior and senior scientists. To uphold this principle we made an effort to keep the conference fees low. This was only possible because of our sponsors' generous support and the hours of work invested by our voluntary assistants. It is impossible to name them all, but we are particularly grateful for the financial support from the University of Vienna, the Fachgruppe General Psychology, the Vienna Convention Bureau, and the Faculty of Psychology of the University of Vienna.

Despite TeaP's reasonable conference fees, we will offer you three keynote lectures of the highest quality. On Monday, Martin Eimer (London) will present his latest work on visual attention. On Tuesday, Arthur Jacobs (Berlin) and the poet Raoul Schrott (Innsbruck) present their groundbreaking ideas about the connection between poetry and the brain (in German), and on Wednesday we have the pleasure to hear Ludwig Huber (Vienna) on the evolutionary roots of imitation. In addition, we will offer two coffee breaks per day, one in the late morning – around 11 am – and a second one in the afternoon for informal discussions with your colleagues. In the remaining breaks, we recommend that you make use of the new cafeteria located in the basement of the main building of the University, or that you simply enjoy meeting friends and colleagues in one of the traditional cafés for which Vienna is famous!

We would like to conclude by looking ahead to the TeaP 2013 conference: When we read the abstracts, we were truly amazed by the quality and diversity of the submissions. We are genuinely convinced that we will all enjoy brilliant presentations and discussions during the following three days. We believe that experimental psychology in the year 2013 is a rich and inspiring field of research. In brief, we hope that you – the people who make the TeaP conference series such a success – have an enjoyable time at this year's TeaP in Vienna!

Ulrich Ansorge, Erich Kirchler, Claus Lamm, and Helmut Leder

A glimpse of the past: The Faculty of Psychology at the University of Vienna

Like living organisms, academic departments change and evolve. They are shaped by their members' personalities, but also by internal and external circumstances. This is particularly true of the Faculty of Psychology at the University of Vienna. Its history stretches back to the dawn of psychology as an academic discipline. About 140 years ago, during his time in Vienna, Franz Brentano (1838-1917), a crucial figure in both the phenomenological movement and the tradition of analytic philosophy, envisioned the establishment of psychology as an empirical and even experimental discipline. Accordingly, his students set up experimental psychology laboratories in Graz (Alexius Meinong, 1894) and Innsbruck (Franz Hillebrand, 1897), and in 1899 Alois Höfler held the first lecture on experimental psychology at the University of Vienna.

The foundation of the Wiener Institut für Psychologie, however, had to await the October 1922. It was funded by the city of Vienna, and its foundation is marked by Karl Bühler's (1879-1963) appointment as Professor of Psychology at the University of Vienna. Together with his wife Charlotte Bühler (1893-1974), and with financial support from the Rockefeller foundation, they managed to establish an internationally recognized research group within only a few years.

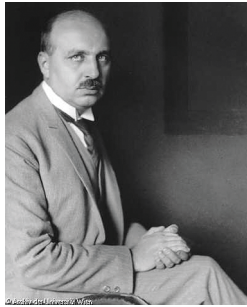
During their time in Vienna, Charlotte Bühler accomplished groundbreaking contributions to developmental psychology, whereas Karl Bühler was a leading Gestalt-psychologist, renowned for his Organon-model of communication. Many students travelled from around the world to attend psychology lectures in Vienna: More than a thousand were registered for Karl Bühler's main lecture in the Kleine Festsaal! Prominent names, such as Egon Brunswick (1903-1955), Karl Popper (1902-1994), and Paul Lazarsfeld (1901-1976), were among the long list of PhD students and collaborators in the Bühler research groups. In 1938 the Gestapo closed their institute, and the couple was forced to emigrate to the US.

After 1938, the history of academic psychology in Vienna continued with Hubert Rohrer (1903-1972) who finally was appointed Professor of Psychology in 1943. In February 1945, the third floor of the building at Liebiggasse 5, which had housed the Institute of Psychology since 1934, was completely destroyed after being hit by an aircraft bomb. In 1947, Rohrer published his influential book *Einführung in die Psychologie*, written in the last years of WWII, and established Vienna's reputation as an experimental psychology stronghold. Until today, Rohrer's influence is also reflected in the many later university professors that he taught and trained throughout his career.

Ten years after WWII, Walter Toman (1920-2003) and Erich Mittennecker (born in 1922) were among the first psychologists in German-speaking countries to critically reflect upon and adopt American psychology, introducing inferential statistics and standardized experimental procedures and tests. In 1952, Mittennecker published one of the first books in German on planning and analyzing experiments. After the Rohrer era, the Institute grew steadily under Gisela Guttman, Gerhard Fischer and Brigitta Rollet, with a constantly increasing number of students. The Institute was turned into the Faculty of Psychology in 2004, which currently consists of three departments hosting national and international researchers who educate more than 4000 students. Additionally, the Faculty of Psychology successfully contributes to the University of Vienna's endorsement of a strong focus on research. In line with the University's guidelines, it also thrives on interdisciplinary collaboration among different departments, and has an active role in the Cognitive Science Research

A glimpse of the past: The Faculty of Psychology at the University of Vienna

Platform, founded in 2011. These facts attest to the Faculty of Psychology's determination to live up to the positive legacy of academic psychology in Vienna.



Karl Bühler



Charlotte Bühler

General information

Organizers

Host

Faculty of Psychology, University of Vienna, Austria

Co-Chairs of Organizing Committee

Ulrich Ansorge, Erich Kirchler, Claus Lamm, Helmut Leder

Organizing Committee

Marie-Jose Bedi, Christoph Huber-Huber, Michael Forster, Isabella Fuchs-Leitner, Andreas Gartus, Gernot Gerger, Nils Heise, Martina Jakesch, Manuela Marin, Marcos Nadal

Webmasters

Maximilian Stein, Christian Valuch, Peter Weiland

Support Team

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

Conference venue

The historic main building of the University of Vienna, located on the Ringstraße, will serve as conference venue. The University of Vienna is the oldest university in the German-speaking world and one of the largest in Central Europe.

The symposia and thematic sessions take place in the left wing of the main building. Most rooms are located on the 1st floor. The three poster sessions are held in the two ceremonial chambers on the 1st floor. The three keynote lectures as well as the official welcome address are held in the Audimax (Auditorium Maximum) in the basement of the right wing of the main building (see p. 23). The concluding session will be held in HS 33. Please refer to pages 22ff. for detailed maps.

Conference office

The conference office can be found on the 1st floor in the octagon, on your way to the ceremonial chambers. It is open from Monday to Wednesday (Tel.: +43 680 206 57 27). On Sunday from 4.00 – 8.00 pm and on Monday, you can register in the entry hall of the main building of the University. On Tuesday and Wednesday, please register at the conference office.

Conference name badge

Participants are kindly asked to wear the conference badge at all times during the conference and, for discounts, during the lunch breaks. It entitles them to participate in all activities of

the conference, and to discounts and special offers in two restaurants, *Einstein* (Rathausplatz 4) and *Ohh! Sushi – Wok* (Landesgerichtsstraße 12). Participants who booked the conference dinner will find a voucher in their conference bag. Please make sure to take your voucher to the Conference Dinner where it will be collected by the staff of the restaurant (*Schweizerhaus*).

Certificate of attendance

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

Cloakroom

There will be an unguarded wardrobe close to the conference office.

WiFi internet access

The University of Vienna provides free wireless internet access for TeaP 2013 participants. You can either use *eduroam* (encrypted; recommended) or connect via *u:connect* (unencrypted). If your home institution participates in the eduroam project (<http://www.eduroam.org>), to connect via eduroam, (1) switch on your mobile device and its wireless connection, (2) connect to the wireless network with SSID *eduroam*, (3) on request enter your *username@institution* (e.g., *username@your-university.xy*) and password from your home institution, (4) and accept the eduroam certificate.¹ Alternatively, you can connect via *u:connect* with your personal user name and password that will be provided together with your conference material.

Coffee breaks

Coffee, tea, soft drinks and biscuits will be served in the Small Ceremonial Chamber (Kleiner Festsaal) and in the Main Ceremonial Chamber (Großer Festsaal) in the main building during the official coffee break times (one at around 11 am and the other one in the afternoon during the poster sessions). At other hours, coffee, refreshments and small snacks can be purchased on cash basis in the cafeterias near the Audimax in the basement of the right wing of the main building (see p. 23).

Lunch

Lunch is not included in the registration fee. However, there are many bistros, restaurants and cafés close to the main building. Alternatively, participants can easily reach the city centre either by using the underground or tram from the nearby station Schottentor. Please refer to the information sheet in your conference bag offering you more information about where to eat.

¹ More detailed instructions about connecting to the *eduroam* network are available at:
<https://zid.univie.ac.at/en/services/for-students/networks-access/wlan-eduroam/> (English and German)
<https://zid.univie.ac.at/en/support/tutorials-german-only/netze-zugang/wlan-eduroam/> (only in German)

Prices and tips

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

Lounge

The Small Ceremonial Chamber (Kleiner Festsaal) will also serve as a lounge where participants can relax or meet their colleagues and friends. For brief usage, a few computers will be provided adjacent to the conference office.

Important phone numbers

Emergency number	112
Fire brigade	122
Police	133
Ambulance	144
Medical service	141

Pharmacy

The nearest pharmacy is located on Universitätsstraße 10 (open: Mon-Fri 8.00 am – 6.00 pm, Sat 8.00 am – noon). The same opening times apply to most pharmacies in Vienna. For telephone information about the 24-hour pharmacy standby service call +43 1 1455.

Medical service

The emergency medical service is located in the main building of the University of Vienna. In case of an emergency, please contact the congress staff.

Smoking

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

Public transportation

The best way to discover Vienna is by public transport. The transport system comprises a dense network of trams, buses, underground trains and trains.

The following tickets are available:

Single-ride ticket	€ 2.00 at vending machines € 2.20 on trams only
24-hour ticket	€ 6.70
48-hour ticket	€ 11.70
72-hour ticket	€ 14.50
Week card	€ 15.00 valid from Monday to Monday
Vienna card	€ 19.90 72-hour ticket, reduced rates for guided tours, at restaurants...

Tickets are available at Vienna Transport sales counters, vending machines and at tobacconists (their signs read *Trafik*). The Vienna card is available in hotels and at the tourist information centre on Albertinaplatz (open daily from 9.00 am to 7.00 pm) and the tourist information point at the airport (open daily from 6.00 am to 11.00 pm), at sales and information points of the Vienna Lines (e.g. Stephansplatz, Karlsplatz, Westbahnhof, Landstraße/Wien Mitte) or by credit card on tel. +43-1-798 44 00-148.

Taxi

The main taxi companies in Vienna can be reached on: +43 1 31300 or +43 1 40100 or +43 1 60160. There is a taxi stand across the street from the main building of the university in Schottengasse.

Tourist info

The nearest tourist info point is located in the city centre at Albertinaplatz (at the corner of Maysedergasse), and is open daily from 9.00 am to 7.00 pm. For more information about sightseeing in Vienna, please refer to the Vienna tourism website: <http://www.wien.info/en>, or to http://www.tripadvisor.com/Travel_Guide-g190454-Vienna.html.

Information for presenters

Language of presentations

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

Symposia and thematic sessions

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

Oral presentations

Each talk (including discussion) is allocated a time slot of 15 minutes. We recommend that presentations last 12 minutes followed by one or two questions. Computers for PowerPoint or PDF presentations are available in all lecture rooms. If you prepare a PowerPoint presentation, please make sure that it is compatible with **Microsoft PowerPoint 2003 for Windows**. It is recommended to use standard fonts for preparing the presentations to minimize the risk of distorted layout. If you need any particular additional equipment, please let us know in advance by contacting teap2013@univie.ac.at.

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

Poster presentations

Poster presenters are asked to prepare their posters in **DIN A0 portrait format (900 mm x 1200 mm maximum)**.

There will be three poster sessions, one on each day of the conference. The sessions take place in the Main Ceremonial Chamber (Großer Festsaal) from 4.10 pm to 5.40 pm on Monday, from 3.50 pm to 5.00 pm on Tuesday, and from 9.45 am to 11.20 am on Wednesday.

The number of each poster within each session can be found in the program. The number of your poster has a letter at its end indicating whether it is scheduled for Monday (e.g. 14-M), Tuesday (e.g. 56-T), or Wednesday (e.g. 19-W). Please put your posters up in

the morning, thus making it possible for interested colleagues to view them all day. Pins are available in the Main Ceremonial Chamber. During the actual poster sessions, the first author is expected to be available for requests and discussions.

We also recommend preparation of handouts (miniature versions of the poster) for interested colleagues.

Special events

Keynote lectures

We are very pleased to welcome four outstanding keynote speakers to this year's TeaP conference: Martin Eimer (Birkbeck College London, UK), Ludwig Huber (Messerli Research Institute, Vienna, Austria) – both lectures will be in English, – and Arthur M. Jacobs (Freie Universität Berlin, Germany) who will present together with writer Raoul Schrott (Innsbruck, Austria) – in German. Keynote lectures will take place in the Audimax (Auditorium Maximum) on each conference day, starting at 11.40 am on Monday and Tuesday, and at 11.20 am on Wednesday.

Pre-conference welcome drinks

The traditional TeaP welcome drinks will take place in *Café Einstein* (Rathausplatz 4, 1010 Vienna, close to the conference venue and the main building of the University of Vienna) on Sunday from 7.00 pm. Do not miss this opportunity to meet colleagues in a relaxed Viennese atmosphere. On Sunday, the registration desk will be open from 4.00 to 8.00 pm inside the university's main building, very close to the front entrance (from Universitätsring), which allows you to register already one day before the start of the presentations on early Monday morning.

Conference dinner

The Conference dinner (Gesellschaftsabend) will be held on Tuesday, March 26th, 7.30 pm, at the *Schweizerhaus*, one of Vienna's most famous restaurants. The restaurant is located close to the Viennese *Wurstelprater*, the world's oldest amusement park, and has a long-standing tradition dating back to the time of the Habsburg monarchy.

The *Schweizerhaus* is considered one of Vienna's finest locations for traditional Viennese cuisine. The restaurant is especially well-known for its *Schweizerhaus Stelze*, a grilled pork knuckle. The conference dinner includes live music but no additional entertainment, such as dancing opportunities. The dinner will last until the venue closes at 11.00 pm. Make sure to bring your **dinner voucher** with you. If you booked the dinner, the voucher will be provided in your conference bag, and it will be collected by the staff of the restaurant.

The *Schweizerhaus* can easily be reached from the University by taking underground U2 from Schottentor (towards Aspernstraße) and getting off at Messe – Prater. After a short walk on Messestraße and Straße des Ersten Mai, participants should take the first street on their right and walk along the street Prater until they reach the *Schweizerhaus*. Students will guide conference participants to the *Schweizerhaus* in groups leaving at 6.40 pm, 6.50 pm, and 7.00 pm from the front entrance of the main building of the university (on Universitätsring).

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

The annual meeting for members of the Fachgruppe Allgemeine Psychologie will take place in HS 7 on Monday, beginning 7.30 pm. The meeting will be held in German.

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

All graduate students and postdocs are invited to join the meeting of young scientists for informal discussions and some information about young scientists in the DGPs (German Psychological Society).

When: ~~Tuesday~~ **Monday**, 9.00 pm (after the Fachgruppenmeeting)

Where: Café Einstein (Rathausplatz 4, 1010 Vienna, close to the conference venue
and the main building of the University of Vienna).

We look forward to seeing you there!

Jenny Bittner & Franziska Plessow
(Sprecherinnen der Jungmitglieder Allgemeine Psychologie)

Exhibitors and sponsors



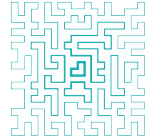


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Faculty of Psychology



FG **AP**

Fachgruppe
Allgemeine Psychologie

Maps

Conference venue and surroundings

ATM

Cash machine

U2

Subway

1A

Bus

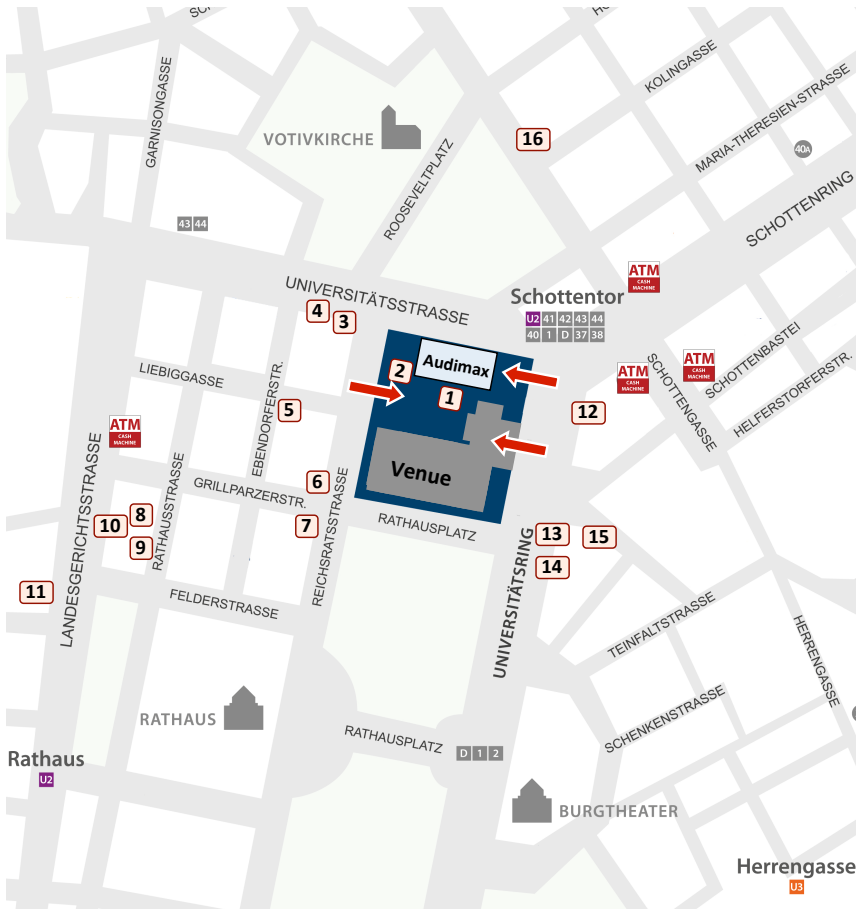
41

Tram

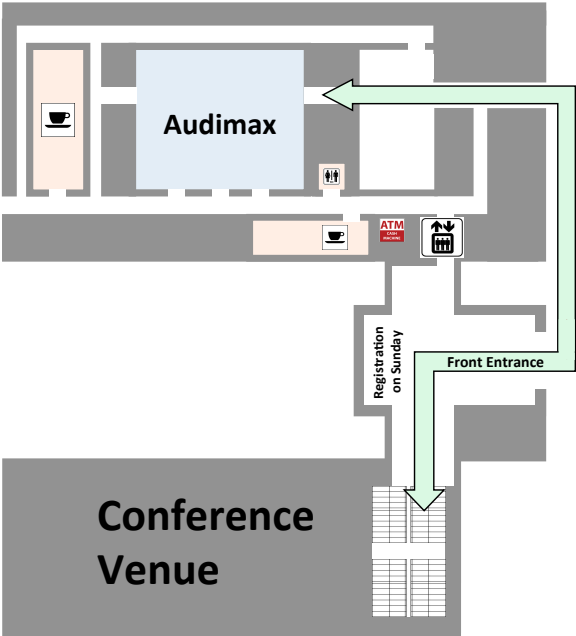
2

Restaurant

Entrance

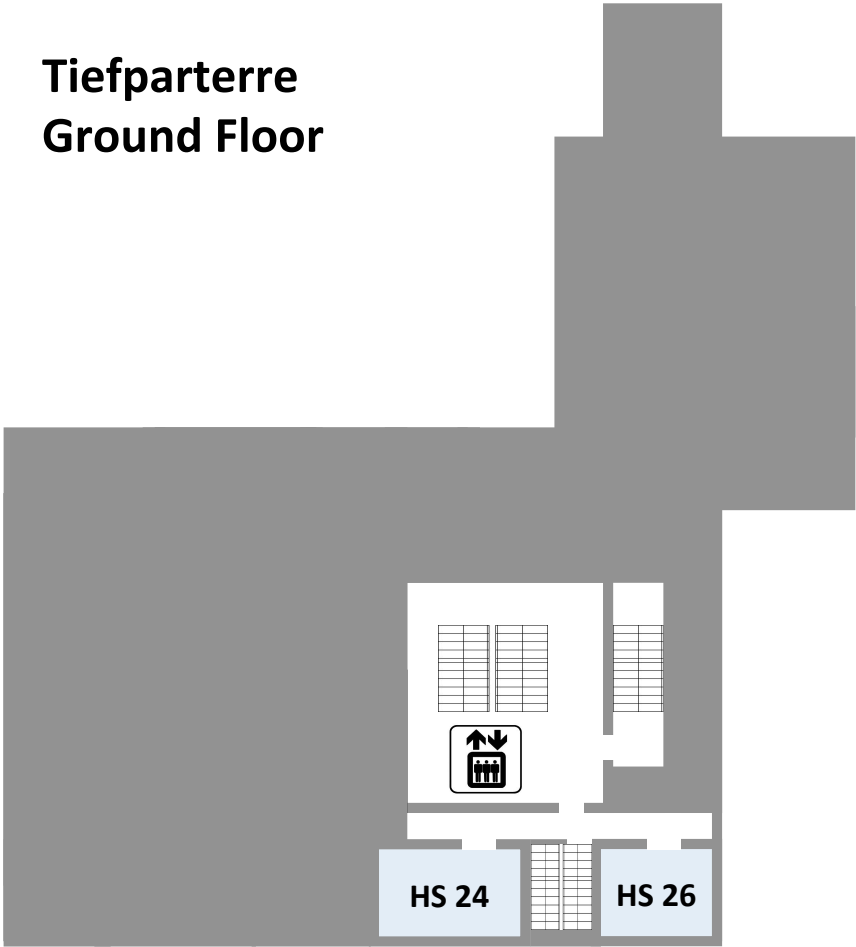


Audimax (Auditorium Maximum)



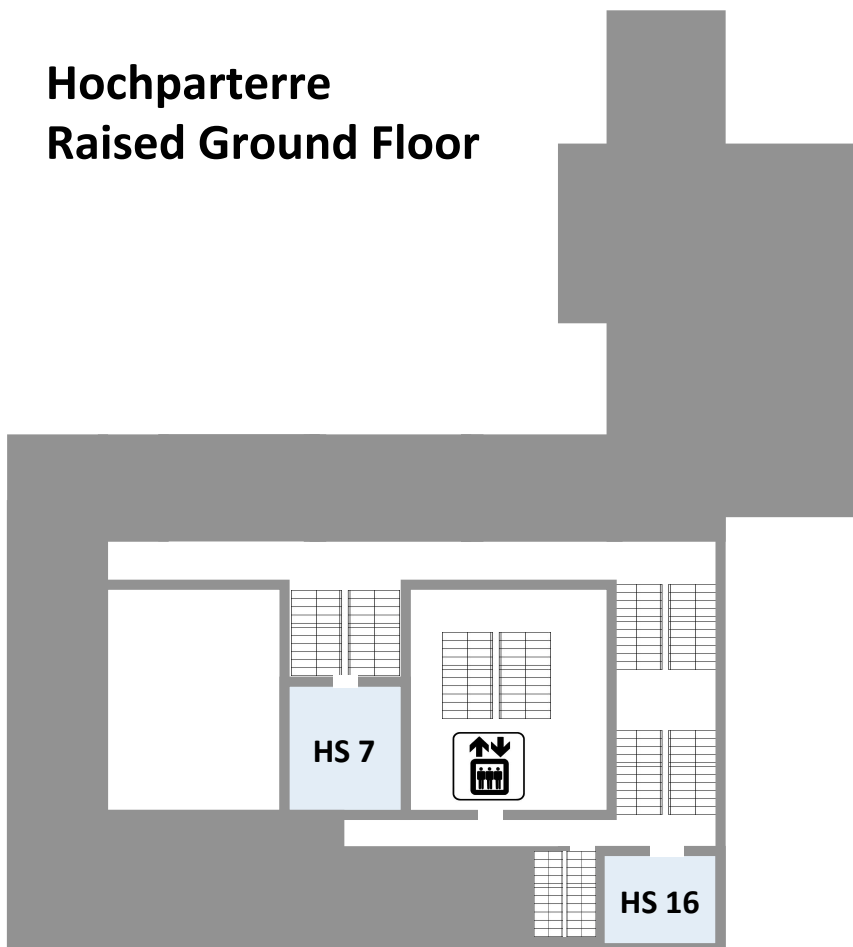
Conference Venue

Tiefparterre
Ground Floor



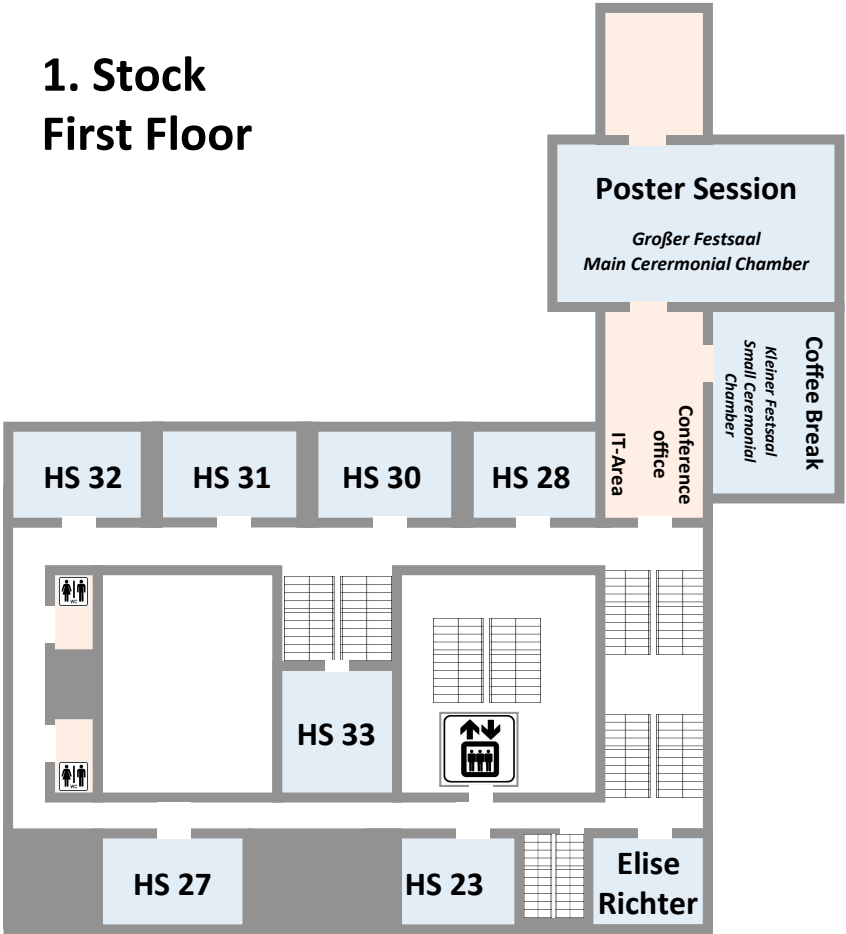
Conference Venue

Hochparterre Raised Ground Floor



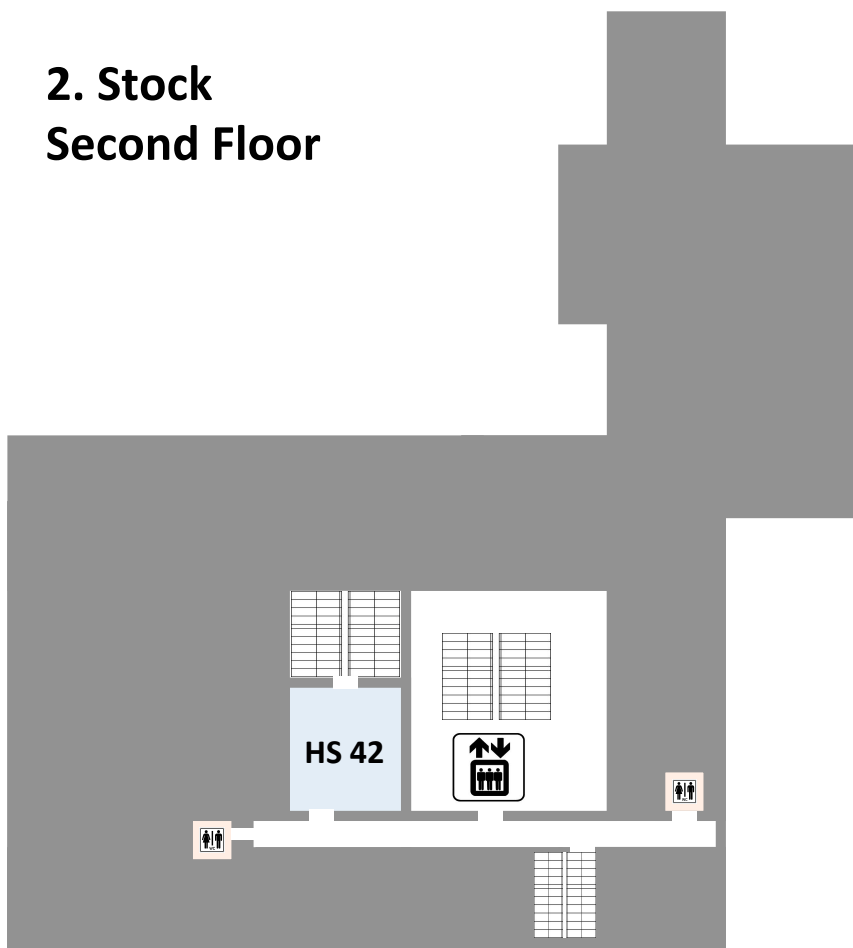
Conference Venue

1. Stock
First Floor



Conference Venue

2. Stock Second Floor



Programme overview

Monday, 25th March	
8.30 – 9.30 am	Session 1
9.40 – 11.10 am	Session 2
11.10 – 11.40 am	Coffee break
11.40 am – 1.10 pm	Welcome address & keynote lecture by Martin Eimer (Audimax)
1.10 – 2.40 pm	Lunch break
2.40 – 4.10 pm	Session 3
4.10 – 5.40 pm	Poster session I & Coffee break (Main Ceremonial Chamber)
5.40 – 7.10 pm	Session 4
7.30 – 9.00 pm	Fachgruppenversammlung Allgemeine Psychologie (HS 7)
Tuesday, 26th March	
8.30 – 9.45 am	Session 1
9.55 – 11.10 am	Session 2
11.10 – 11.40 am	Coffee break
11.40 am – 12.50 pm	Keynote lecture by Arthur M. Jacobs & Raoul Schrott (Audimax)
12.50 – 2.20 pm	Lunch break
2.20 – 3.50 pm	Session 3
3.50 – 5.00 pm	Poster session II & Coffee break (Main Ceremonial Chamber)
5.00 – 6.30 pm	Session 4
7.30 pm	Conference Dinner (Schweizerhaus – outside venue)
Wednesday, 27th March	
8.30 – 9.45 am	Session 1
9.45 – 11.20 am	Poster session III & Coffee break (Main Ceremonial Chamber)
11.20 am – 12.30 pm	Keynote lecture by Ludwig Huber (Audimax)
12.30 – 2.00 pm	Lunch break
2.00 – 3.30 pm	Session 2
3.45 – 4.45 pm	Concluding session (HS 33)

Monday, March 25th										
Ground floor			1. Floor					2. Floor		
HS 26	HS 7	HS 16	Elise Richter Saal	HS 23	HS 27	HS 28	HS 30	HS 31	HS 32	HS 42
Raised ground floor										
8.30 – 9.30 am										
Session 1										
<i>F Eysel</i>	<i>A Schubö</i>	<i>S E Martiny</i>	<i>C Lange-Küttner</i>	<i>H Leder</i>	<i>K Bitttrich</i>	<i>F Grabenhorst</i>	<i>E Kirchler</i>	<i>O Svenson</i>	<i>T Dombusch</i>	<i>C Walther, C Schulz</i>
Social psychology and modern information technology	Visual attention: Visual search	Social psychology: Stereotypes	Working memory: Language and speech effects; Training of working memory	Perception: Art, music, literature, and design	Audition: Pitch	Decision making: Brain and models	Social psychology: Questions of morale	Decision making: Biases	Language: Bilingualism, and gender-fair language	Vision: Faces
9.40 – 11.10 am										
Session 2										
<i>A Spruyt, S Teige-Mocigemba</i>	<i>K Weiß, V C Seibold</i>	<i>B M Herbert, J Blechert</i>	<i>U Basten, C J Fiebach</i>	<i>M Vollrath, M Baumann</i>	<i>M M Marim, C Kaernbach</i>	<i>C Steilzel</i>	<i>S Dickert</i>	<i>B Scheibehenne</i>	<i>S Berti</i>	<i>S J Faerber</i>
Implicit measures in applied settings: Chances and challenges*	When attention meets time: On the interplay of attention and time in temporal processing, perception and action*	Mechanisms of eating behavior, food craving and its regulation*	Determinants of working memory performance*	Traffic psychology: Driver behavior*	Music psychology: In honor of Martin Vogel (1923-2007)*	Task switching: Neuro-cognitive mechanisms and individual differences*	Prosocial responses to donation requests: Motivators and demotivators*	Cognitive consumer choice*	The mismatch negativity component as a tool in research on speech processing*	Eye movements, memory, and decision making*
11.10 – 11.40 am										
Coffee break										
11.40 am – 1.10 pm										
Welcome address										
Keynote lecture: <i>Martin Eimer</i> "Top-down control of visual attention" (Audimax)										
1.10 – 2.40 pm										
Lunch break										

Sessions with changes are in boldface.

* = Symposium

Monday, March 25th											
Ground floor			1. Floor						2. Floor		
HS 26	HS 7	HS 16	Eliso Richter Saal	HS 23	HS 27	HS 28	HS 30	HS 31	HS 32	HS 33	HS 42
2.40 – 4.10 pm Session 3											
R R Reisenzein	T Geyer, H J Müller	G Sarfory	M Abel, M Schabus	M Vollrath, J Totzke	A Bendixen, I Koch	J Komes	C Betsch	W Rollett	E Reinisch, H Mitterer	A Glöckner, B E Hilbig	A Paulus
Emotion	Long-term memory mechanisms in visual search*	Clinical psychology	Sleep and its role for memory consolidation*	Verkehrspsychologie: Methoden und ihre Validität*	Auditory attention*	Effects of aging on memory and executive functioning*	(How) can lab experiments inform health communication? Towards an evidence-based approach*	Entwicklungspsychologie und pädagogische Psychologie	Still learning after all these years: Plasticity in adult language processing*	Social dilemma decision making*	Facial expressions of emotions*
4.10 – 5.40 pm Poster session I & Coffee break (Main Ceremonial Chamber)											
5.40 – 7.10 pm Session 4											
I Bohm	I Scharlau, K Finke	U Ettinger, B B Quednow	C Stahl	M Vollrath	R Zäske	M Rieger	K G Volz, M Brand	R H Grabner	C Schoel, J Roessel	R Mata, B von Helversen	A Kohler, L Muckli
Languages of emotion*	The theory of visual attention (TVA) in behavioural and clinical research*	Recent developments in experimental psychology*	Formal models of memory processes*	Verkehrspsychologie: Änderungen an Assistenz im Verkehr*	Audition: Vocalizations and valence	Action control	Probing dual-system theories*	New methods to foster school-related learning? Recent proposals put to test*	Multifaceted language perception! – How variations in language influence language- and person perception*	Exploring the mechanisms underlying exploration-exploitation decisions*	Neural correlates of conscious and unconscious visual processing*
7.30 – 9.00 pm Fachgruppenversammlung Allgemeine Psychologie (HS 7)											

* = Symposium

Sessions with changes are in boldface.

Tuesday, March 26th											
			1. Floor							2. Floor	
Ground floor	Raised ground floor		Elise Richter Saal	HS 23	HS 27	HS 28	HS 30	HS 31	HS 32	HS 33	HS 42

Sessions with changes are in boldface.

* = Symposium

Tuesday, March 26th										
Ground floor		Raised ground floor			1. Floor					
HS 26		HS 7	HS 16	Elise Richter Saal	HS 23	HS 27	HS 28	HS 30	HS 31	2. Floor
2.20 – 3.50 pm										
Session 3										
R Liepelt	M Kiefer	K Hennig-Fast, S Karch	J Rummel, S Horn	A Huckauf	M Jakesch	L Colzato	K Epstude	A Henning, M Weigelt	C Dudschig, I de la Vega	T Schmidt, A Haberkamp, F Schmidt
Social Simon and conflict effects	Priming: Subliminal	Neurobiological aspects of cognitive and emotional processes in clinical contexts*	Trends in prospective memory research*	Applied cognitive psychology: Current topics and methods*	Psychology of aesthetics*	Executive control: Attention and inhibition	Reasoning and thinking II	The development of anticipatory planning skills for object manipulation in childhood*	Language & emotion*	New directions* in visual masking
3.50 – 5.00 pm										
Poster session II & Coffee break (Main Ceremonial Chamber)										
5.00 – 6.30 pm										
Session 4										
F Eysel	C Frings	M Häfner	M Huff	M Vollrath, M Baumann	D Welleditsch, H Leder	M Steinhäuser	O Lindemann	M Richter	H Mitterer	A Weber
Social psychology: Gender, sex, and mating	Priming	Affective processing and executive control	Memory: Retrieval, forgetting, and false memories	Traffic psychology: Applications and driver feedback*	Experimental aesthetics: From the laboratory to the field*	Executive control: Error detection, conflict, and conflict regulation	Numerical cognition*	Recent developments and new perspectives on effort mobilization*	Sprache	Consumer psychology
Vision: Gestalt, colour, illusions, and experimentally induced blindness										
7.30 pm										
Conference Dinner (Schweizerhaus - outside venue)										

* = Symposium

Sessions with changes are in boldface.

Wednesday, March 27th											
Ground floor			Raised ground floor			1. Floor					
HS 26			HS 7	HS 16	Elise Richter Saal	HS 23	HS 27	HS 28	HS 30	HS 31	HS 32
8.30 – 9.45 am											
Session 1											
<i>C Lamm, L Huber</i>	Vision and cognition: Social cognition: Imitation, empathy and prosocial behavior*	A C Schütz	A Leue	<i>I Lindner</i>	<i>C Hohensinn, K D Kubinger</i>	B Olk	<i>M Wendt</i>	<i>A Ischebeck</i>	<i>P N Mohr</i>	<i>C Unkelbach, R Deutsch</i>	<i>W Schwarz</i>
		Vision and cognition: Visual motion, movies	Monitoring processes: A matter of personality, affective and cognitive-motivational aspects*	Memory: Source memory, destination memory, encoding and consolidation	Experimental fundamental research in psychological assessment*	Eye movements	Executive control: Interference	Numerical cognition and educational psychology	Decision neuro-science*	Valence asymmetries in fundamentals of cognition: Priming, frequency, and memory*	Decision making: Applied research
											<i>T Scherndl</i>
											Decision making and judgments – influence of representations
9.45 – 11.20 am											
Poster session III & Coffee break (Main Ceremonial Chamber)											
2. Floor											
HS 33											
HS 42											

Sessions with changes are in boldface.

* = Symposium

Wednesday, March 27 th											
Ground floor			1. Floor						2. Floor		
HS 26	HS 7	HS 16	Elise Richter Saal	HS 23	HS 27	HS 28	HS 30	HS 31	HS 32	HS 33	HS 42
Keynote lecture: <i>Ludwig Huber "Comparative cognition: Challenging the anthropocentric view of imitation"</i> 11.20 am – 12.30 pm (Audimax)											
12.30 – 2.00 pm Lunch break											
2.00 – 3.30 pm Session 2											
<i>E M Seidel</i> Social psychology: Social interaction, group representations, and group relations	<i>S K Herbst, H van Rijn, R Ulrich</i> Endogenous and exogenous influences on interval timing*	<i>C Döbel, K T Lübke</i> Olfaction in everyday life: Chemosensory communication, social learning and olfactory disorders*	<i>P H Khader</i> Working memory: Visual working memory and retro-cueing	<i>I Bondarevskaya</i> Work psychology	<i>U Ansorge</i> Wahrnehmung	<i>D Wenke</i> Executive control: Dynamics of stimulus representations and task-set representations	<i>J Koller, J Glück</i> Spatial-ability interventions: New approaches and explanations*	<i>N Fleischhut</i> Judgments: Moral judgments and norms	<i>F Huetig</i> Literacy and its effects on cognitive processing*	<i>M A Jenny, J Hoffmann, A Bröder</i> Cognitive modeling in judgment and decision making*	<i>S Schuch</i> Stress
3.45 – 4.45 pm Concluding Session (HS 33)											

* = Symposium

Sessions with changes are in boldface.

Monday, Session 1, 8.30 am – 9.30 am

Thematic session

Working memory: Language and speech effects; Training of working memory

Elise Richter Saal

Chair: Christiane Lange-Küttner

- 8.30 am Training of working memory – A meta-analysis
Juliane Weicker, Angelika Thöne-Otto
- 8.45 am ~~Investigating cognitive and neuronal changes after working memory training~~
~~*Tiina Salminen, Simone Kühn, Tilo Strobach, Torsten Schubert*~~ cancelled
- 9.00 am Bilingualism and verbal working memory – Evidence from n-back and cued recall tasks
Christiane Lange-Küttner, Monika Markowska
- 9.15 am The “Irrelevant Speech Effect” in working memory: The impact of serial order processing
Andrea Prölß, Thomas Lachmann, Maria Klatte

Thematic session

Visual attention: Visual search

HS 7

Chair: Anna Schubö

- 8.30 am The effect of monetary reward on distractor interference in singleton distractor search
Tanja Kollei, Andreas Voß
- 8.45 am Top-down contingent attentional capture by color-variegated stimuli
Nils Heise, Ulrich Ansorge
- 9.00 am Preattentive grouping in visual selection
Anna Schubö
- 9.15 am Electrophysiological and behavioral evidence for parallel deployment of visuo-spatial attention in a dual-task situation
Christina Reimer, Tilo Strobach, Torsten Schubert

Thematic session

Social psychology: Stereotypes

- | | | |
|--------------|---|-------------------------|
| HS 16 | | Chair: Sarah E. Martiny |
| 8.30 am | Stereotypes as mental schemas: Implications and findings for stereotype activation
<i>Florian Müller, Klaus Rothermund</i> | |
| 8.45 am | The persuasive power of ambivalently stereotyped groups: When competence trumps warmth
<i>Melanie Schäfer, Pia-Renée Kobusch, Gerd Bohner</i> | |
| 9.00 am | Stereotype threat for Turkish migrants leads to lift effects for Germans
<i>Laura Froehlich, Sog Yee Mok, Sarah E. Martiny, Kay Deaux</i> | |
| 9.15 am | Reducing stereotype threat effects with implementation intentions: The self-regulation of distracting thoughts
<i>Sarah E. Martiny, Torsten Martiny-Huenger, Carolin Schuster, Peter M. Gollwitzer, Gabriele Oettingen</i> | |

Thematic session

Perception: Art, music, literature, and design

- | | | |
|--------------|---|---------------------|
| HS 23 | | Chair: Helmut Leder |
| 8.30 am | The influence of location on preference for artworks
<i>Ute Kreplin, Volker Thoma, Paul Rodway</i> | |
| 8.45 am | The aesthetic paradox in processing literary vs. expository texts
<i>Lena Wimmer</i> | |
| 9.00 am | The influence of music on empathy and prosocial behavior
<i>Yvonne S. Ehgartner, Eva Batzer, Ingrid Koller</i> | |
| 9.15 am | 'Unity in variety' in product design aesthetics
<i>Ruben Post, Janneke Blijlevens, Paul Hekkert</i> | |

Thematic session

Social psychology and modern information technology

HS 26

Chair: Friederike Eyssel

- 8.30 am Does posting status updates increase or decrease loneliness? An online social networking experiment
Fenne grosse Deters
- 8.45 am Being empathic *and* self-disclosing might be too much: A study on the interplay of self-disclosing and empathic language on person perception in online forums
Franziska M. Thon, Regina Jucks
- 9.00 am Being watched by someone or something – Different forms of surveillance in public places and their influence on perception and acceptance
Carolyn Berude
- 9.15 am “Hey robot, where are you heading?” An online study to explore the expectations towards the motion behavior of a transport robot in a social environment
Mathis Lauckner

Thematic session

Audition: Pitch

HS 27

Chair: Katrin Bittrich

- 8.45 am The impact of stimulus properties on the horizontal SPARC effect in nonmusicians
Barbara Estner, Thomas Lachmann previously: Mon, HS 28, 6.55 pm
- 9.00 am Predicting pitch perception of Shepard tones: A probabilistic threshold model
Stephanie F. Malek
- 9.15 am Investigating a causal involvement of the supramarginal gyrus for pitch memory using transcranial direct current stimulation
Nora K. Schaal, Victoria J. Williamson, Michael J. Banissy

Thematic session

Decision making: Brain and models

HS 28

Chair: Fabian Grabenhorst

- 8.30 am Coding of self-determined economic plans by amygdala neurons
Fabian Grabenhorst, Istvan Hernadi, Wolfram Schultz
- 8.45 am Predicting between-trial fluctuations in response caution from EEG data using the LBA model
Udo Boehm, Leendert van Maanen, Birte Forstmann, Hedderik van Rijn
- 9.00 am Diffusion model analyses for slow decisions: Is the model useful for research on judgment and decision making?
Andreas Voß, Veronika Lerche
- 9.15 am Computational modeling and process dynamics of intertemporal choices
Stefan Scherbaum, Maja Dshemuchadse, Thomas Goschke

Thematic session

Social psychology: Questions of morale

- HS 30** Chair: Erich Kirchler
- 8.30 am What influences helping behavior more? The responsibility of the person in need, the dangerousness of the situation or family relationships?
David Urschler
- 8.45 am How do morals come – and stay – in the game? Relational models in a repeated public good game
Tom Schiebler, Felix Brodbeck, Katharina Kugler, Julia Reif
- 9.00 am Trust, power, tax compliance: A worldwide evaluation of the slippery slope framework
Christoph Kogler, Erich Kirchler, Larissa Batrancea, Anca Nichita
- 9.15 am The influence of social exclusion on the willingness to share morally questionable material on the internet
Tobias Schöler, Christin Polzer, Katrin Starcke, Matthias Brand

Thematic session

Decision making: Biases

- HS 31** Chair: Ola Svenson
- 8.30 am The logic behind inconsistent information search behavior
Daniel Hausmann, Julia Stoll
- 8.45 am Processing information in a foreign language reduces confirmation bias
Lisa M. Hüther, Sören Pape, Hans Spada
- 9.00 am How ignored cues may influence decision makers: Effects of distractor-response binding in binary choices under uncertainty
Nadine Nett, Christian Frings
- 9.15 am Productivity increase options and distorted decisions: How to improve intuitive judgments and decision?
Ola Svenson, Nichel Gonzalez, Gabriella Eriksson

Thematic session

Language: Bilingualism, and gender-fair language

- HS 32** Chair: Thomas Dornbusch
- 8.30 am Skilled reading in two languages: Applying the psycholinguistic grain size theory to bilingual visual word recognition
Thomas Dornbusch, Eva Belke
- 8.45 am The capital error: How a German spelling rule slows down reading
Meik Michalke
- 9.00 am A sentence to remember: Language switching in sentences
Mathieu Declerck, Andrea M. Philipp
- 9.15 am Gender-fair language as a facilitator for women's career progress
Lisa K. Horvath

Thematic session

Decision making: Representing and taking risks

HS 33

Chair: Oswald Huber

- 8.30 am Relative preference: How incidental values in the environment impact risky choice
Eva Günther, Thorsten Pachur, Michael Schulte-Mecklenbeck
- 8.45 am Pseudocontingency effects on decision making under risk
Hanna Fleig, Thorsten Meiser, Jan Rummel
- 9.00 am Anticipated regret in risky decision making: Effect on risk defusing behavior
Oswald Huber
- 9.15 am Risk attitudes are influenced by music-induced incidental emotions
Stefan Schulreich, Holger Gerhardt, Yana G. Heussen, Peter N. Mohr, Ferdinand Binkofski, Stefan Koelsch, Hauke R. Heekeren

Thematic session

Vision: Faces

HS 42

Chairs: Christian Walther, Claudia Schulz

- 8.30 am More than average: Effects of attractiveness and distinctiveness on the learning of faces and its associated ERPs
Claudia Schulz, André Preis, Stefan R. Schweinberger, Jürgen M. Kaufmann
- 8.45 am The influence of learning and task on adaptation-related aftereffects for faces
Christian Walther, Stefan R. Schweinberger, Gyula Kovács
- 9.00 am Facial mimicry to dynamic facial expressions of the elderly
Isabell Hühnel, Mara Fölster, Katja Werheid, Ursula Hess
- 9.15 am The effects of actors' and raters' age on recognizing spontaneous, dynamic facial expressions
Mara Fölster, Ursula Hess, Isabell Hühnel, Katja Werheid

Monday, Session 2, 9.40 am – 11.10 am

Symposium

Determinants of working memory performance

Elise Richter Saal		Convenors: Ulrike Basten, Christian J. Fiebach
9.40 am	Impaired contingent attentional capture predicts reduced working memory capacity in schizophrenia <i>Jutta Mayer, Keisuke Fukuda, Edward Vogel, Sohee Park</i>	
9.55 am	Neural systems underlying distractor inhibition in verbal working memory and their contribution to individual differences in working memory capacity <i>Ulrike Basten, Christian J. Fiebach</i>	
10.10 am	The COMT Val158Met polymorphism modulates working memory performance under acute stress <i>Magdalena Buckert, Brigitte M. Kudielka, Martin Reuter, Christian J. Fiebach</i>	
10.25 am	The effect of psychological profiles on emotional interference in a working memory task <i>Alessandra Galli, Jan Derrfuss, Christian J. Fiebach</i>	
10.40 am	Working memory performance fluctuations in elementary school: Predictors of day-to-day and within-day fluctuations <i>Florian Schmiedek, Judith Dirk, Tanja Könen, Anja Leonhardt, Jan Kühnhausen</i>	
10.55 am	Transfer effects after training specific functional categories of working memory capacity <i>Claudia C. von Bastian, Klaus Oberauer</i>	

Symposium

When attention meets time: On the interplay of attention and time in temporal processing, perception and action

HS 7		Convenors: Katharina Weiß, Verena C. Seibold
9.40 am	Temporal integration and the attentional blink <i>Elkan Akyürek</i>	
9.55 am	EEG alpha oscillations reflect the focus of temporal attention: Evidence from the attentional blink paradigm <i>Simon Hanslmayr</i>	
10.10 am	The temporal profile model: A general model of simultaneity perception? <i>Katharina Weiß, Ingrid Scharlau</i>	
10.25 am	Duration perception of emotional faces depends on the perspective <i>Katrin M. Kliegl, Kerstin Limbrecht, Harald Traue, Anke Huckauf</i>	
10.40 am	To be(at) or not to be(at): Do reaction times reflect rhythmic entrainment? <i>Kathrin Lange</i>	
10.55 am	Adaptation to interval-event correlation is due to specific temporal expectancy, not to partial repetition costs <i>Roland Thomaschke, Gesine Dreisbach</i>	

Symposium

Mechanisms of eating behavior, food craving and its regulation

HS 16

Convenors: Beate M. Herbert, Jens Blechert

- 9.40 am Effects of short-term food deprivation on interoceptive sensitivity, feelings and autonomic activity: Results in healthy young women
Beate M. Herbert
- 9.55 am Psychological chocolate deprivation increases the eye blink startle response
Jens Blechert, Eva Naumann, Julian Schmitz, Brunna Tuschen-Caffier
- 10.10 am It is right here and waiting for you: Effects of food availability on reward system activity during food picture viewing
Sylvia Richter, Johannes Klackl, Frank H. Wilhelm, Jens Blechert
- 10.25 am Eating is in the eye of the beholder
Jessica Werthmann, Anne Roefs, Chantal Nederkoorn, Karin Mogg, Brendan P. Bradley, Anita Jansen
- 10.40 am Brain structure and function differs between normal-weight, overweight and obese women grouped based on their eating style
Annette Horstmann, Anja Dietrich, Burkhard Pleger, Arno Villringer, Maurice Hollmann
- 10.55 am Cognitive regulation of food craving modulates electrocortical processing of food-cues
Adrian Meule, Andrea Kübler, Jens Blechert

Symposium

Traffic psychology: Driver behavior

HS 23

Convenor: Mark Vollrath, Chair: Martin Baumann

- 9.40 am Long-term influencing factors on the choice of driving speed: The example of action and state orientation
Martina Kürbitz, Stefan Brandenburg
- 9.55 am Predicting drivers' speed choice using the Components of Speed Behavior (CSB) model
Stefan Brandenburg
- 10.10 am Robust predictions of driver intent using gaze data: Investigating how much data is needed
Firas Lethaus
- 10.25 am Cognitive load while approaching signalized intersections measured by pupil dilation
Robert Kaul, Martin Baumann
- 10.40 am Situation representation and spatial information processing applied to intersection situations
Uwe Drewitz, Firas Lethaus, Martin Baumann
- 10.55 am An investigation of driver's visual processes while approaching a level crossing
Jan Grippenkoven, Sandra Dietsch

Symposium

Implicit measures in applied settings: Chances and challenges

- HS 26** Convenors: Adriaan Spruyt, Sarah Teige-Mocigemba
- 9.40 am Indirect measures in forensic psychology – an empirical overview and applied implications
Alexander F. Schmidt, Rainer Banse
- 9.55 am Controlling the uncontrollable: Faking effects on implicit measures
Sarah Teige-Mocigemba, Karl C. Klauer
- 10.10 am Implicit attitude measurement using the affective priming paradigm: A SWOT analysis
Adriaan Spruyt
- 10.25 am Implicit measures in addiction research: Stability, reliability, and context-dependence
Matt Field
- 10.40 am Assessing and changing relatively automatic processes in addiction
Reinout W. Wiers, Thomas E. Gladwin
- 10.55 am A psychometric perspective on implicit (indirect) measures: The rocky road from the lab to the field
Marco Perugini

Symposium

Music psychology: In honor of Martin Vogel (1923-2007)

- HS 27** Convenors: Manuela M. Marin, Christian Kaernbach
- 9.40 am Martin Vogel – Champion of just intonation in music
Christian Kaernbach
- 9.55 am Putting Martin Vogel to test: An attempt to evaluate a musical theory
Agnieszka Karaś, Christian Kaernbach
- 10.10 am The effect of harmonic context on the perception of pitch class
Anka Slana, Bruno Gingras, W. Tecumseh Fitch
- 10.25 am (Never) mind the music: All brains automatically form melodic pitch expectations
Job Lindsen, Marcus Pearce, Geraint Wiggins, Joydeep Bhattacharya
- 10.40 am Linking acoustic parameters to arousal and pleasantness in a set of romantic piano trios
Bruno Gingras, Manuela M. Marin, W. Tecumseh Fitch

Symposium

Task switching: Neurocognitive mechanisms and individual differences

HS 28

Convenor: Christine Stelzel

- 9.40 am Response-modality switching and the importance of the inferior parietal cortex
Andrea M. Philipp, Ralph Weidner, Iring Koch, Gereon R. Fink
- 9.55 am Investigating random vs. constant foreperiod effects in task preparation under fMRI design constraints
Hannes Ruge
- 10.10 am Dissociating the what and how components of cognitive control in task preparation
Wouter De Baene, Marcel Brass
- 10.25 am Predicting errors from reconfiguration patterns in human brain networks
Matthias Ekman, Jan Derrfuss, Marc Tittgemeyer, Christian J. Fiebach
- 10.40 am Prefrontal cortical mechanisms underlying individual differences in cognitive flexibility and stability
Diana J. Armbruster, Kai Ueltzhöffer, Ulrike Basten, Christian J. Fiebach
- 10.55 am Impulsivity and individual differences in the recruitment of task-switching networks
Christine Stelzel, Rosa Steinke, Lena Paschke, Henrik Walter

Symposium

Prosocial responses to donation requests: Motivators and demotivators

HS 30

Convenor: Stephan Dickert

- 9.40 am Which information is used to make donation decisions? An eye-tracking analysis
Janet Kleber, Sophie Süßenbach, Stephan Dickert, Arnd Florack
- 9.55 am How to connect sales with donations: The effect of numeracy on cause-related marketing
Anja Chladek, Janet Kleber, Arnd Florack
- 10.10 am When awareness of those we cannot help demotivates us from helping those we can help: An agent-based simulation study of pseudoinefficacy
Andrea Ceschi, Dorina Hysenbelli, Paul Slovic
- 10.25 am Perceived costs for the donor and benefits for the receiver in donation decisions
Enrico Rubaltelli
- 10.40 am Bounded emotion and pro-social behaviors: Collapse of affect in donation and non-donation tasks
Daniel Västfjäll, William Hagman, Stephan Dickert, Paul Slovic
- 10.55 am Discussion
Stephan Dickert

Symposium

Cognitive consumer choice

HS 31	Convenor: Benjamin Scheibehenne
9.40 am	Online product reviews and the description-experience-gap <i>Dirk U. Wulff, Thomas Hills, Ralph Hertwig</i>
9.55 am	The power of movement: Context-independent movement imitation affects consumption <i>Oliver Genschow, Arnd Florack, Michaela Wänke</i>
10.10 am	Which dish would you choose – A Viennese or an Upper Austrian? Consumer choice based on contingency inferences <i>Tobias Vogel</i>
10.25 am	Choosing charities by effectiveness considerations <i>Stephan Dickert, Janet Kleber</i>
10.40 am	Staying focused: Implementation intentions can reduce the attentional bias of compulsive buyers <i>Benjamin G. Serfas, Oliver B. Büttner, Arnd Florack</i>
10.55 am	Testing cognitive models of ego depletion using a within-subject experimental design <i>Benjamin Scheibehenne, Jörg Rieskamp</i>

Symposium

The mismatch negativity component as a tool in research on speech processing

HS 32	Convenor: Stefan Berti
9.40 am	Stimulus complexity does not explain differences in auditory processing of speech and non-speech stimuli as revealed by MMN <i>Corinna A. Christmann, Stefan Berti, Claudia Steinbrink, Thomas Lachmann</i>
9.55 am	The contribution of spectral and temporal speech information to vowel length discrimination: A mismatch negativity study <i>Bogdana Ulytska, Christian J. Fiebach, Thomas Lachmann, Claudia Steinbrink</i>
10.10 am	Modulation of early auditory processing by visual symbolic information in dyslexia <i>Andreas Widmann, Erich Schröger, Mari Tervaniemi, Satu Pakarinen, Teija Kujala</i>
10.25 am	Present and past: How the infant mismatch negativity can predict written language abilities in 10-year-olds <i>Gesa Schaadt, Claudia Männel, Ann Pannekamp, Regine Oberecker, Elke van der Meer, Angela D. Friederici</i>
10.40 am	Monitoring speech development in children and adolescents after cochlear implantation <i>Christian Dobel, Leni Ortmann, Antoinette am Zehnhoff-Dinnesen, Pienie Zwitserlood</i>
10.55 am	Discussion

Symposium

Eye movements, memory, and decision making

HS 33

Convenors: Georg Jahn, Frank Renkewitz

- 9.40 am An attentional drift-diffusion model of value-based decision making
Ian M. Krajbich
- 9.55 am A future state of mind: The role of attentional allocation and “forgetting” in choice
Nathaniel J. Ashby, Andreas Glöckner, Stephan Dickert, Marc Jekel
- 10.10 am Memory indexing as a process tracing measure in quantitative estimation
Frank Renkewitz, René Schlegelmilch
- 10.25 am Eye movements as a process tracing measure of memory-based diagnostic reasoning
Georg Jahn, Janina Braatz
- 10.40 am Diversity influences hypothesis selection in sequential diagnostic reasoning: A process tracing study
Agnes Scholz, Georg Jahn, Felix G. Rebitschek, Josef F. Krems
- 10.55 am Eye movements to “nothing” have an active role during visuospatial memory retrieval
Roger Johansson

Symposium

Face preferences and adaptation effects

HS 42

Convenor: Stella J. Faerber

- 9.40 am Are freckles still a blemish? On the impact of ecological adaptation and beauty ideal on facial attractiveness
Stella J. Faerber, Claus-Christian Carbon, David I. Perrett
- 9.55 am Adaptation over a very short timescale: A role for face contrast illusions in social judgments
David I. Perrett, Daniel E. Re, Carmen E. Lefevre
- 10.10 am The role of sleep in long-term face adaptation
Thomas Ditye
- 10.25 am Osama bin Laden is still alive – An implicit profile of disfavor against faces with stereotypical Muslim attributes
Géza Harsányi, Marius Raab, Vera M. Hesslinger, Denise Düclos, Janina Zink, Claus-Christian Carbon
- 10.40 am The role of similarity and ambiguity in face adaptation new
Gyula Kovács, Christian Walther, Stefan R. Schweinberger
For abstract see Addendum: Additional abstracts

Monday, Welcome address and keynote lecture, 11.40 am – 1.10 pm

**Monday, Welcome address and keynote lecture, 11.40 am –
1.10 pm**

Audimax

11.40 am	Welcome address
12.00 noon	Keynote lecture
	Top-down control of visual attention
	<i>Martin Eimer</i>

Monday, Session 3, 2.40 pm – 4.10 pm

Symposium

Sleep and its role for memory consolidation

- Elise Richter Saal** Convenors: Magdalena Abel, Manuel Schabus
- 2.40 pm Using SVM pattern detection algorithms to detect material-specific activation in human sleep EEG related to previous learning
Steffen Gais
- 2.55 pm Impact of sleep on real-life declarative learning
Kerstin Hödlmoser, Kathrin Bothe, Tina Moeckel, Philippe Peigneux, Wolfgang Klimesch, Manuel Schabus
- 3.10 pm Memory reactivation during sleep
Susanne Diekelmann
- 3.25 pm Does sleep-related memory consolidation vary with memory strength?
Christoph Holtermann, Magdalena Abel, Karl-Heinz T. Bäuml
- 3.40 pm Theta synchronization during retrieval indicates overnight memory consolidation
Dominik P. Heib, Kerstin Hödlmoser, Wolfgang Klimesch, Hermann Griessenberger, Josef Zeitlhofer, Georg Gruber, Peter Anderer, Manuel Schabus
- 3.55 pm Sleep can eliminate list-method directed forgetting
Magdalena Abel, Karl-Heinz T. Bäuml

Symposium

Long-term memory mechanisms in visual search

- HS 7** Convenors: Thomas Geyer, Hermann J. Müller
- 2.40 pm The neuronal representation of the interaction between contextually guided visual search and memory
Florian Baumgartner, Thomas Geyer, Angela A. Manginelli, Stefan Pollmann
- 2.55 pm The effect of global and local attention on learning in a contextual cueing experiment
Adrian von Mühlenen, Lauren Bellaera
- 3.10 pm Neural mechanisms underlying the learning and exploitation of unconscious contextual memory
Maximilien Chaumon
- 3.25 pm Object-based segmentation limits implicit contextual learning in visual search
Markus Conci, Hermann J. Müller, Adrian von Mühlenen
- 3.40 pm Awareness in contextual cueing of visual search as measured with concurrent access and phenomenal conscious tasks
Bernhard Schlagbauer, Hermann J. Müller, Michael Zehetleitner, Thomas Geyer
- 3.55 pm Transfer of contextual cueing in full-icon display remapping
Zhuanghua Shi

Thematic session

Clinical psychology

HS 16	Chair: Gudrun Sartory
2.40 pm	Using TMS to treat smoking addiction: Changes of acute effects over time <i>Livia Tomova, Jürgen Pripf, Claus Lamm</i>
2.55 pm	In search of the trauma memory: A meta-analysis of functional neuroimaging studies of symptom provocation in Posttraumatic Stress Disorder (PTSD) <i>Gudrun Sartory, Jan C. Cwik, Helge Knuppertz, Benjamin Schürholt, Ralf Schulze</i>
3.10 pm	Neural correlates of emotional interference during cognitive processing in borderline personality disorder <i>Björn H. Schott, Jana Holtmann, Maike Herbolt, Torsten Wüstenberg, Stefan Röpke</i>
3.25 pm	Self-referential processing in depressed patients and matched non-clinical controls: An fMRI study <i>Fritz Renner</i>
3.40 pm	Disgust regulation via placebo: An fMRI study <i>Anne Schienle</i>
3.55 pm	Do automatic and self-report indices of motivational ambivalence predict relapse to heavy drinking following alcoholism treatment? <i>Lisa C. Di Lemma, Joanne Dickson, Matt Field</i>

Symposium

Verkehrspsychologie: Methoden und ihre Validität

HS 23	Convenor: Mark Vollrath, Chair: Ingo Totzke
2.40 pm	Jeden Tag 120 Fahrer im Versuchsbetrieb – Was sagen die Fahrer dazu? Evaluation einer gruppenbezogenen Versuchsdurchführung im Rahmen des Forschungsprojekts sim ^{TD} <i>Ingo Totzke, Madeline Volk</i>
2.55 pm	Evaluation von C2X-Technologie am Beispiel des Forschungsprojekts sim ^{TD} : Vergleichende Bewertung verschiedener Befragungsmethoden <i>Madeline Volk, Ingo Totzke</i>
3.10 pm	Evaluation & Validierung des MoSAIC-Fahrsimulators <i>Max Friedrich, Daniel Nause, Matthias Heesen, Alexandra Keich, Johann Kelsch, Martin Baumann, Mark Vollrath</i>
3.25 pm	Analyse von Naturalistic Driving Data – Straßenklassen- und fahrmanöverspezifische Betrachtung als neuer methodischer Ansatz <i>Sebastian Will, Barbara Metz, Andreas Landau</i>
3.40 pm	Phonetische Messung von Alkoholisiertheit unter akustischen Fahrzeuginnenraumbedingungen <i>Jarek Krajewski, Tom Laufenberg, Sebastian Schnieder</i>
3.55 pm	Thermografische Erfassung mentaler Beanspruchung im realen Straßenverkehr <i>Sascha Datkiewicz, Jarek Krajewski, Sebastian Schnieder</i>

Thematic session

Emotion

HS 26	Chair: Rainer Reisenzein
2.40 pm	Testing the quantitative belief-desire theory of emotion using nonlinear mixed-effects regression <i>Rainer Reisenzein, Martin Junge</i>
2.55 pm	Graded pair comparisons are an equivalent substitute for quadruple comparisons in emotion scaling experiments <i>Martin Junge, Rainer Reisenzein</i>
3.10 pm	Being moved, being touched, and being stirred in relation to other emotions – their location in affective space <i>Thomas Jacobsen, Valentin Wagner, Eugen Wassiliwizky, Julian Hanich, Winfried Menninghaus</i>
3.25 pm	Explorations into the antecedents, appraisals, and feelings of being-moved (and related emotional states) <i>Valentin Wagner, Thomas Jacobsen, Milena Kühnast, Julian Hanich, Winfried Menninghaus</i>
3.40 pm	Emotional and motivational effects of the “baby schema” <i>Fabian Löwenbrück, Gisela Erdmann, Wilhelm Janke</i>
3.55 pm	Caloric vestibular stimulation influences emotional processes <i>Nora Preuss, Gregor Hasler, Fred W. Mast</i>

Symposium

Auditory attention

HS 27	Convenors: Alexandra Bendixen, Iring Koch
2.40 pm	Knowing when and where (not) to attend facilitates auditory stream segregation <i>Alexandra Bendixen, Johanna Rimmele</i>
2.55 pm	Specialized-load effects in auditory selective attention: Evidence from auditory Stroop variants <i>Kerstin Dittrich, Christoph Stahl</i>
3.10 pm	Inattentional deafness in music: Who has it, who doesn't? <i>Sabrina Koreimann, Oliver Vitouch</i>
3.25 pm	Auditory task switching: Exploring intentional control of auditory selective attention <i>Vera Lawo, Iring Koch</i>
3.40 pm	On the robustness of prime response retrieval processes: Evidence from auditory negative priming without probe interference <i>Susanne Mayr, Axel Buchner</i>
3.55 pm	Distraction and the auditory attentional blink <i>János Horváth, Annamária Burgián</i>

Symposium

Effects of aging on memory and executive functioning

HS 28	Convenor: Jessica Komes
2.40 pm	Remembering daisies and daffodils: Influences of list presentation format and working memory capacity on older adults' use of semantic clustering <i>Beatrice G. Kuhlmann, Dayna R. Touron</i>
2.55 pm	Age-related differences in controlling the contents of working memory: Evidence from switching between filter settings <i>Kerstin Jost</i>
3.10 pm	Taking control in a confusing world: Adult age differences in the attentional control of representational distinctiveness <i>Dorothea Hämmerer, Nicolas W. Schuck, Hauke R. Heekeren, Ulman Lindenberger, Thad A. Polk, Shu-Chen Li</i>
3.25 pm	Inhibitory control in older adults' episodic memory <i>Alp Aslan, Karl-Heinz T. Bäuml</i>
3.40 pm	Heterogeneity in episodic memory control processes among older adults: Structural and functional findings <i>Yana Fandakova, Ulman Lindenberger, Yee Lee Shing</i>
3.55 pm	How fluency supports source memory for familiar names in younger and older adults: ERP and behavioral evidence <i>Jessica Komes, Stefan R. Schweinberger, Holger Wiese</i>

Symposium

(How) can lab-experiments inform health communication? Towards an evidence-based approach

HS 30	Convenor: Cornelia Betsch
2.40 pm	The influence of erotic stimuli in posters on skin cancer prevention <i>Constanze Rossmann</i>
2.55 pm	The analysis of 'risk perception attitudes' for evidence-based segmentation of health communication <i>Eva Baumann, Helmut Scherer, Jörg Wiltfang, Hans-Jürgen Wenz, Michael Koller, Katrin Hertrampf</i>
3.10 pm	Numbers can be worth a thousand pictures: The importance of individual differences in understanding graphical and numerical representations of health information <i>Wolfgang Gaissmaier</i>
3.25 pm	Effect of narrative reports about vaccine adverse events and bias-awareness disclaimers on vaccine decisions: A simulation of an online patient social network <i>Philipp Schmid, Cornelia Betsch, Frank Renkewitz, Niels Haase</i>
3.40 pm	Inviting free-riders or appealing to prosocial behavior? Game-theoretical reflections on communicating herd immunity in vaccine advocacy <i>Cornelia Betsch, Robert Böhm, Lars Korn</i>
3.55 pm	Discussion

Thematic session

Entwicklungspsychologie und pädagogische Psychologie

HS 31

Chair: Wolfram Rollett

- 2.40 pm Interozeptive Sensitivität im Kindesalter – Ihr Vorliegen sowie Zusammenhänge mit kardialer autonomer Aktivität und emotionalem Erleben
Anne Koch, Olga Pollatos
- 2.55 pm Struktur heißer und kalter exekutiver Funktionen im Grundschulalter
Karoline Groppe, Gina Austin, Birgit Elsner
- 3.10 pm Lernen mit Texten und Bildern: Werden verbale und piktoriale Informationen integriert?
Jana Arndt, Anne Schueler, Katharina Scheiter
- 3.25 pm Mädchen + Mathematik = Minderbemittelt? Priming von Geschlechtsstereotypen beeinflusst Leistungsbeurteilungen durch Lehramtstudenten
Friederike Eyssel, Kirsten Berthold, Anna Mittelstädt, Josefin Schlotthauer
- 3.40 pm Experimentelle Überprüfung von Instruktionseffekten auf die Anwendung von Bezugsnormen bei der Leistungsbewertung
Wolfram Rollett
- 3.55 pm Evaluation eines konfrontativen Unfallpräventionsprogramms für junge Menschen
Markus Hackenfort

Symposium

Still learning after all these years: Plasticity in adult language processing

HS 32

Convenors: Eva Reinisch, Holger Mitterer

- 2.40 pm Complementary neural systems for language learning and adaptation
Matt H. Davis
- 2.55 pm Changes in the representation of newly-learned words: Behavioural and imaging data
James M. McQueen, Iske Bakker, Atsuko Takashima, Gabriele Janzen, Janet van Hell
- 3.10 pm Learning a novel foreign accent: The roles of exposure tasks and delay in consolidation and transfer
Neil P. Bardhan, Marijt J. Witteman, Andrea Weber
- 3.25 pm Adaptation to reductions: Challenges of regional variation
Katja Poellmann, James M. McQueen, R. Harald Baayen, Holger Mitterer
- 3.40 pm Visual recalibration of auditory speech affects specific acoustic cues to phonemes
Eva Reinisch, David R. Wozny, Holger Mitterer, Lori L. Holt
- 3.55 pm No delays in application of perceptual learning in speech recognition
Holger Mitterer, Eva Reinisch

Symposium

Social dilemma decision making

- HS 33** Convenors: Andreas Glöckner, Benjamin E. Hilbig
- 2.40 pm Both sides of the story: Integrating person and situation in social dilemma decision making
Benjamin E. Hilbig, Ingo Zettler
- 2.55 pm Decision strategies in social dilemmas and money allocation tasks: A process analysis based on eye-tracking
Andreas Glöckner, Susann Fiedler, Andreas Nicklisch, Stephan Dickert
- 3.10 pm The effect of preferences and beliefs on contribution levels in an anonymous public goods game
Kurt A. Ackermann, Ryan O. Murphy
- 3.25 pm Race for power in Public Good games
Angela R. Dorrough, Andreas Glöckner, Borah Lee
- 3.40 pm The inter-group comparison – intra-group cooperation hypothesis
Robert Böhm, Bettina Rockenbach
- 3.55 pm Discussion

Symposium

Facial expressions of emotions

- HS 42** Convenor: Andrea Paulus
- ~~2.40 pm The face of schadenfreude cancelled~~
~~*Lea Boecker, Katja Likowski, Peter Weyers*~~
- 2.55 pm Good emotion, bad intention: Visualizing in-group and out-group smiles
Andrea Paulus, Michaela Rohr, Ron Dotsch, Dirk Wentura
- 3.10 pm Effects of spatial frequencies on the memory advantage for emotional faces
Michaela Rohr, Dirk Wentura
- 3.25 pm The role of spatial frequencies for attentional bias effects of facial expressions
Oliver Langner, Swantje Puls, Klaus Rothermund

Monday, Poster session, 4.10 pm – 5.40 pm

Main Ceremonial Chamber

Action Control

- 1-M If turning is not enough, brake it! Strategies of collision avoidance in a multi-person scenario
Yi-Huang Su, Markus Huber, Stefan Glasauer, Joachim Hermsdörfer
- 2-M Overlapping mechanisms of movement planning, attention and spatial working memory
Marnie A. Spiegel, Dirk Koester, Thomas Schack
- 3-M No anticipation without intention
Katharina Zwosta, Hannes Ruge, Uta Wolfensteller
- 4-M Sense of agency illusion: How agency judgments are associated with temporal realignment of motor-sensory timing
Jana Timm, Marc Schönwiesner, Iria SanMiguel, Erich Schröger
- 5-M Neurophysiologische Repräsentationen menschlicher Griffotypen
Dirk Koester, Thomas Schack
- 6-M Manual grasping movements with the dominant and non-dominant hand are influenced differently by the behavioural context
Benjamin Schulze, Benjamin Baak, Fabian Steinberg, Otmar Bock
- 7-M The allocation of attention during the use of pointing tools
Sandra Sülzenbrück
- 8-M Neural mechanisms for goal-directed actions
Jan Westerholz, Thomas Schack, Dirk Koester
- 9-M Effect anticipation and the online control of stimulus-based action – an fMRI study
Steffi Frimmel, Uta Wolfensteller, Hannes Ruge
- 10-M Verbal and nonverbal intelligence show different patterns of hand movement
Daniela Dvoretzka, Hedda Lausberg
- 11-M Effects of GPi stimulation on motor inhibition in Parkinson's disease
Sina M. Kohl, Katerina Aggeli, Thomas Foltynie, Patricia Limousin, Ludvic Zrinzo, Marwan Hariz, Jens Kuhn, Marjan Jahanshahi

Affect and Emotion

- 12-M Increased novelty bias under positive affect
Kerstin Fröber, Gesine Dreisbach
- 13-M A laboratory investigation of anxious cognition: How subliminal cues alter perceptual sensitivity to threat
Aiste Jusyte, Michael Schönenberg

- 14-M Emotion-antecedent appraisal: Effects of goal conduciveness and power appraisal in event-related potentials
Kornelia Gentsch, Didier Grandjean, Klaus Scherer
- 15-M Subjective arousal ratings in the IAPS are biased by picture valence
Johannes M. Meixner, André Weinreich, Peter A. Frensch
- 16-M Modulations of effective connectivity between brain regions in response to emotional communication channels
Thilo Kellermann, Christina Regenbogen, Frank Schneider, Ute Habel
- 17-M Multiple emotion concepts of disgust? Differentiating the emotion concepts of grima and asco
Inge Schweiger Gallo, Andreas Keil, Peter M. Gollwitzer, José Miguel Fernández-Dols
- 18-M “Mindlessly polite” in search of the mechanism explaining the emotional seesaw phenomenon
Magdalena Kaczmarek, Melanie Steffens
- 19-M Sources of everlasting love – The role of self-compassion and positive illusions
Jan Wildbrett, Sebastian Butz, Raoul Spechea, Larissa Martin, Janin Roessel, Dagmar Stahlberg
- 20-M In a sweet mood? Effects of glucagon-modulated blood glucose levels on mood-induction during fMRI
Nils Kohn, Timur K. Toygar, Mark Berthold-Losleben, Stelios Orfanos, Annette Wassenberg, Sebastian Vocke, Natalya Chechko, Caren Weidenfeld, Wolfam Karges, Ute Habel

Attention

- 21-M Distracter induced blindness in the attentional blink
Simon Ludwig, Lars Michael, Michael Niedeggen
- 22-M Motivation by potential gains and losses affects attentional control processes in the prefrontal cortex
Lena Paschke, Henrik Walter, Rosa Steimke, Vera Ludwig, Robert Gaschler, Torsten Schubert, Christine Stelzel
- 23-M Interaction between stimulus intensity and perceptual load in the attentional control of pain
Yadira Roa Romero
- 24-M Different effects of dividing sustained tactile spatial attention between fingers and hands
Cheuk-Yee Pang, Matthias M. Müller
- 25-M Dopaminergic modulation of selective attention
Katja K. Schneider, Jobst Meyer, Christian Frings
- 26-M Decomposing willpower: Ignoring distraction, resisting temptation and enduring aversiveness
Rosa Steimke, Christine Stelzel, Marcus Rothkirch, Lena Paschke, Vera Ludwig, Robert Gaschler, Thomas Goschke, Norbert Kathmann, Henrik Walter

Monday, Poster session, 4.10 pm – 5.40 pm

- 27-M Increased EEG beta activity in attentional tasks under dynamic postural control
Johanna Maus, Diana Henz, Wolfgang Schöllhorn
- 28-M Impacts of a sleep-phase alarm clock on EEG alphaspower (8-12Hz) and visual sustained attention
Philipp Alt, Kerstin Hödlmoser
- 29-M Involuntary versus voluntary attentional orienting: How we attend in space and time
Lieze Boshoff, Bettina Olk
- 30-M Attentional network modulation by means of tDCS
Lucia Roy, Nevresa Balic, Roland Sparing, Maike D. Hesse
- 31-M Searching for forests or trees: Attention and memory resolution in hierarchical objects
Qi-Yang Nie, Hermann J. Müller, Markus Conci
- 32-M Influence of schizotypal traits on source memory and meta cognition. An objective approach
Matthias Hohmann, Beatrice G. Kuhlmann, Dayna R. Touron
- 33-M Mind wandering in visual search
Christoph Huber-Huber, Ulrich Ansorge
- 34-M Attentive tracking of emotional faces
Miriam Müller-Bardorff, Georg Jahn, Christof Kuhbandner
- 35-M Different attentional allocations affect the localization of moving stimuli
Jens A. Tiggelbeck, Jochen Müsseler
- 36-M Texture-based attention allocation
Tobias Feldmann-Wüstefeld, Anna Schubö
- 37-M Attentional capture by positive and negative singleton distractors in the additional singleton paradigm
Melanie Schmitz, Dirk Wentura
- 38-M Reflexive and volitional orienting to gaze: Is the whole more than the sum of its parts?
Lisa Mayrhofer, Stefan Hawelka, Sarah Schuster, Florian Hutzler
- 39-M Fear and inhibition of return. Does the target matter?
Elisa Berdica, Antje Gerdes, Georg W. Alpers
- 40-M Asymmetrien in der visuellen Suche: Nahe versus ferne Objekte
Sven Garbade, Kathrin Finke, Andreas Zierdt, Georg Kerkhoff, Igor Schindler
- 41-M Knowing when but not knowing where – does temporal preparation specifically reduce distractor interference in visual search?
Verena C. Seibold, Caroline Leroy, Bettina Rolke
- 42-M Distractor processing before and after target detection: Evidence from fixation-related potentials
Christof Körner, Verena Braunstein, Matthias Stangl, Alois Schlögl, Christa Neuper, Anja Ischebeck

- 43-M Spatial context learned but not shown in gaze-contingent limited viewing visual search
Xuelian Zang, Shi Zhuanghua
- 44-M Memory processes in repeated visual search with and without eye movements
Magdalena Kriebler, Margit Höfler, Christof Körner
- 45-M Memory under pressure: Secondary-task effects in contextual cueing of visual search
Efsun Annac, Angela A. Manginelli, Stefan Pollmann, Zhuanghua Shi, Hermann J. Müller, Thomas Geyer
- 46-M Attention allocation by gazing heads: A lesson on importance of ecological validity
Johannes Schulz, Boris M. Velichkovsky, Jens R. Helmert
- 47-M How rhythm opens attention
Christina Bermeitinger, Christian Frings
- 48-M Task-dependent modulation of the attentional span in reading: An ERP study using attentional probes
Benthe Kornrumpf, Olaf Dimigen, Werner Sommer

Audition

- 49-M Spectral signatures of auditory “what” and “where” processing in bilateral cochlear implant users
Ulrich Pomper, Daniel Senkowski, Inga Fitzner, Andreas K. Engel, Andrej Kral
- 50-M No sports? Sports! How physically fit seniors manage auditory distraction
Stephan Getzmann, Patrick D. Gajewski, Michael Falkenstein
- 51-M Musicians process prosody within left hemisphere while nonmusicians do not: A MEG study
Maria Felber, Burkhard Maess, Angela D. Friederici
- 52-M Effects of bimodal adaptation on voice gender perception
Nadine Schimpf, Romi Zäske, Stefan R. Schweinberger
- 53-M Phonetic parameterization of sexual orientation and gender in German
Sven Kachel, Adrian P. Simpson, Melanie Steffens
- 54-M Higher or lower? Contrasting perception and production of tonal stimuli
Katrin Bittrich, Sven Blankenberger

Clinical Psychology

- 55-M EEG theta and alpha activity in Qigong: Same effects of mental practice and physical training?
Diana Henz, Alexander Eekhoff, Ulrike Kallenberg, Wolfgang Schöllhorn
- 56-M Viewing time of shopping cues in pathological buyers
Julia Janouch, Patrick Trotzke, Katrin Starcke, Matthias Brand
- 57-M Psychometric evaluation of the russian version of the Clinical Outcome in Routine Evaluation – Outcome Measure
Marina Zeldovich, Chris Evans, Sylke Andreas

- 58-M Neuronale Aktivierungsmuster bei Symptomprovokation bei Akuter und Posttraumatischer Belastungsstörung
Jan C. Cwik, Benjamin Schürholt, Helge Knuppertz, Rüdiger Seitz, Sartory Gudrun
- 59-M Processing of affective prosody in boys suffering from attention deficit hyperactivity disorder: A near-infrared spectroscopy study
Angelika Köchel, Florian Schöngassner, Anne Schienle
- 60-M Low frequency information underlies the angry face bias in highly anxious participants
Swantje Puls, Oliver Langner, Marcella Woud
- 61-M Willing to give but not to forgive: Borderline personality features and cooperative behavior
Isabel Thielmann, Benjamin E. Hilbig, Inga Niedtfeld
- 62-M Overt head movements moderate the effect of depressive symptoms on mood regulation
Juan J. Rahona López, Susana Ruiz Fernández, Gonzalo Heróas, Bettina Rolke, Carmelo Vázquez
- 63-M Improvement of health related behaviour in cardiac rehabilitation: The influence of goal setting – first results of the CARO-PRE study
Susanne Schleicher, Sabine Stamm-Balderjahn, Anne Michel, Karla Spyra
- 64-M tDCS and neck vibration: Effects on visuo-spatial neglect in the subacute phase of stroke
Nevresa Balic, Lucia Roy, Roland Sparing, Maike D. Hesse
- 65-M Psychopathic personality traits and emotional processing – evidence for biased early attentional processes
Nina M. Pintzinger, Daniela M. Pfabigan, Natalia Gadek, Ilse Kryspin-Exner, Claus Lamm
- 66-M Trajectories to schizophrenia: Delinquent behavior as sign of a later developmental stage
Steffen Landgraf
- 67-M Shifted neuronal balance during stimulus-response integration in schizophrenia – an fMRI study
Edna C. Cieslik, Veronika I. Müller, Tanja S. Kellermann, Sarah Halfter, Simon B. Eickhoff
- 68-M Modulation of affective face processing deficits in schizophrenia by congruent emotional sounds
Veronika I. Müller, Tanja S. Kellermann, Sarah C. Seligman, Bruce I. Turetsky, Simon B. Eickhoff
- 69-M Electrophysiological correlates of social threat processing in social phobia and healthy controls
Pascal Wabnitz, Frank Neuner, Ulla Martens

Compatibility

- 70-M Gaining the upper hand: Keyboard position over alphabetical position as dominant spatial feature of letters
Julia Kozlik, Roland Neumann
- 71-M Hand versus foot: Effector specific compatibility effects in language processing
Daniela Ahlberg, Carolin Dudschig, Barbara Kaup
- 72-M Response-effect compatibility with self-generated and partner-produced effects
Romy Müller
- 73-M When our space becomes my space: How the physical separation of space affects sequential modulations of the social Simon Effect
Bibiana Klempova, Anna Stenzel, Roman Liepelt
- 74-M Dimensional overlap of time and space
Verena Eikmeier, Claudia Maienborn, Rolf Ulrich

Decision Making

- 75-M Different neural signatures of compensatory and non-compensatory strategies during memory-based decision making
Gianna M. Bertram, Thorsten Pachur, Kirsten G. Volz, Patrick H. Khader
- 76-M Does knowledge make us more sensitive to the anchoring effect?
Marko Bokulic
- 77-M The impact of costs of information on confirmatory information processing
Kathrin Asal, Peter Fischer
- 78-M Neural mechanisms of selective exposure: An EEG study on the processing of decision-consistent and inconsistent information
Matthias Reinweber
- 79-M On the retest-reliability of the recognition heuristic
Martha Michalkiewicz, Edgar Erdfelder
- 80-M Recognition meets impulsiveness – It's fast, I'll take it!
Helen M. Dillmann, Edgar Erdfelder
- 81-M Decision-making under time pressure: The impact of time pressure on stress perception when applying the decision rule "Take the best"
Kristina Krause, Yvonne Kiessig, Franziska Bocklisch, Josef F. Krems
- 82-M A dynamic systems approach to intertemporal choice
Maja Dshemuchadse, Stefan Scherbaum, Thomas Goschke
- 83-M Disjunction of ambiguous probabilities in economic decisions
Odilo W. Huber
- 84-M Is a bird in the hand always worth two in the future? Within-subject comparison of real and hypothetical rewards in intertemporal decision-making tasks
Marta Malesza

Monday, Poster session, 4.10 pm – 5.40 pm

- 85-M First results of a new questionnaire to assess internet literacy: Correlations to pathological internet use and risk-taking behavior
Benjamin Stodt, Ricarda Moll, Christin Polzer, Stephanie Pieschl, Matthias Brand
- 86-M A few good cues. Predictive accuracy of a big dawes strategy
Bartosz Gula, Oliver Vitouch
- 87-M Things some do in the dark: Subliminal distrust and its effect on information processing in a bright versus a dark environment
Corina T. Ulshöfer, Nicole Ruffieux, Margit E. Oswald
- 88-M The matrix of transnationalism: The Romanian migrant entrepreneurship example in Greece
Delia Stefenel

Monday, Session 4, 5.40 pm – 7.10 pm

Symposium

Formal models of memory processes

Elise Richter Saal		Convenor: Christoph Stahl
5.40 pm	The role of knowledge in the use of the recognition heuristic <i>Marta Castela, Benjamin E. Hilbig, Edgar Erdfelder, David Kellen</i>	
5.55 pm	Mental health and prospective memory: A hierarchical MPT modeling approach <i>Nina R. Arnold, Mateja F. Böhm, Ute J. Bayen</i>	
6.10 pm	Emotional arousal and episodic memory: A model-based approach <i>Dennis Boywitt</i>	
6.25 pm	Bridging the gap between continuous and discrete measurement models of recognition memory <i>Simone Malejka, Arndt Bröder</i>	
6.40 pm	Measuring criterion noise in signal detection theory: The case of recognition memory <i>David Kellen, Karl C. Klauer, Henrik Singmann</i>	
6.55 pm	Dual processes in episodic memory: Evidence from reversed association in a yes/no recognition test <i>Roscoe F. Araujo, Christoph Stahl</i>	

Symposium

The theory of visual attention (TVA) in behavioural and clinical research

HS 7		Convenors: Ingrid Scharlau, Kathrin Finke
5.40 pm	The value of paying attention <i>Signe Vangkilde, Carsten Nielsen, Anders Petersen, Claus Bundesen</i>	
5.55 pm	Modeling attentional dwell time in human vision <i>Anders Petersen</i>	
6.10 pm	TVA as the foundation of an integrative model of visual working memory <i>Johannes Lohmann</i>	
6.25 pm	A TVA-based test of the prior-entry hypothesis <i>Jan Tünnermann, Ingrid Scharlau</i>	
6.40 pm	Neural markers of age-related reserve and decline in visual processing speed and visual short-term memory capacity <i>Iris Wiegand</i>	
6.55 pm	Probing intra-individual variability of TVA parameters in childhood ADHD <i>Cristina Robbins, Joseph Krummenacher</i>	

Symposium

Recent developments in experimental psychopharmacology

HS 16

Convenors: Ulrich Ettinger, Boris B. Quednow

- 5.40 pm A dose of ruthlessness: Interpersonal moral judgment is hardened by the anti-anxiety drug lorazepam
Adam Perkins, Ania M. Leonard, Kristin Weaver, Jeffrey A. Dalton, Mitul A. Mehta, Veena Kumari, Steven C. Williams, Ulrich Ettinger
- 5.55 pm Dopaminergic stimulation increases selfish behavior in the absence but not in the presence of punishment threat
Andreas Pedroni, Christoph Eisenegger, Matthias Hartmann, Urs Fischbacher, Daria Knoch
- 6.10 pm The effects of a combined GABA-B/GHB receptor stimulation on social cognition and oxytocin secretion
Oliver G. Bosch, Thomas C. Wetter, Christoph Eisenegger, Erich Seifritz, Boris B. Quednow
- 6.25 pm Experimental modulation of social cognition by oxytocin
René Hurlmann, Dirk Scheele
- 6.40 pm Cognitive enhancing effects of modafinil – what we know and what we don't know
Ulrich Müller, Ralf Regenthal, Barbara J. Sahakian
- 6.55 pm Effects of ketamine and risperidone on oculomotor control
Ulrich Ettinger, Anne Schmechtig, Adam Perkins, Steven C. Williams

Symposium

Verkehrspsychologie: Anforderungen an Assistenz im Verkehr

HS 23

Convenor: Mark Vollrath

- 5.40 pm Wie unterscheiden sich ältere und junge Unfallfahrer hinsichtlich der Unfallursachen?
Stefanie Weber, Antonio Ernstberger, Eckart Donner, Miklós Kiss
- 5.55 pm „Sie nähern sich einer Kreuzung mit Bordstein – noch 30 Meter.“ – Anforderungen an Assistenz für blinde Fußgänger
Steffi Struck, Mareike Knust, Patricia Nowak, Mark Vollrath
- 6.10 pm Wann ist links abbiegen gefährlich? Ein Fahrsimulatorexperiment
Mark Vollrath, Juella Kazazi, Susann Winkler
- 6.25 pm Blickverhalten unter dem Einfluss von Müdigkeit bei einer monotonen Autobahnfahrt
Klaus Reinprecht, Elke Muhrer, Mark Vollrath
- 6.40 pm Evaluation eines situationsabhängigen Abstandshaltesystems für Elektrofahrzeuge im Hinblick auf Energieverbrauch, Sicherheit und Komfort
Michael Tomaszewski, Christian Maaß
- 6.55 pm Vom Fahrer zum Teilzeitpassagier – Eine Analyse des teilautomatisierten Fahrens
Ina Othersen, Linn Hackenberg, Ina Petermann-Stock

Symposium

Languages of emotion

HS 26

Convenor: Isabel Bohrn

- 5.40 pm Discrete emotions affect visual word recognition
Benny B. Briesemeister, Marie Montant, Johannes Ziegler, Mario Braun, Arthur M. Jacobs
- 5.55 pm Bilingualism and affectivity in reading
Chun-Ting Hsu, Markus Conrad, Arthur M. Jacobs
- 6.10 pm Same story but different? – An eye movement study of reading fact vs. reading fiction
Ulrike Altmann, Isabel Bohrn, Arthur M. Jacobs
- 6.25 pm Familiar and beautiful? – How the brain processes familiar and defamiliarized sentences
Isabel Bohrn, Ulrike Altmann, Oliver Lubrich, Winfried Menninghaus, Arthur M. Jacobs
- 6.40 pm Hot temperature affects perceived interpersonal warmth differently depending on social context
Francesca M. Citron, Adele E. Goldberg
- 6.55 pm Facial expressions, emotion, and sign language
Eva Elliott, Arthur M. Jacobs

Thematic session

Audition: Vocalizations and valence

HS 27

Chair: Romi Zäske

- 5.40 pm On the representation of vocal age and gender
Romi Zäske, Verena G. Skuk, Jürgen M. Kaufmann, Stefan R. Schweinberger
- 5.55 pm Aftereffects in the perception of vocal emotion caused by unimodal, bimodal, and crossmodal adaptation
Verena G. Skuk, Stefan R. Schweinberger
- 6.10 pm Evidence for auditory attentional capture: Positive and negative valence of tones affects very early auditory event-related potentials
Tímea Folyi, Dirk Wentura
- 6.25 pm Prosody specific distraction during directing of visual spatial attention
Ulrike Zimmer, Marie-Theres Keppel, Christian Poglitsch, Anja Ischebeck
- 6.40 pm How female rats differ between hormonal states in conspecifics
Annegret Börner, Gillian Brown, Rebecca Hjemdahl

Thematic session

Action control

HS 28		Chair: Martina Rieger
5.40 pm	Energy investment reveals handgrip task difficulty <i>Joséphine Stanek, Michael Richter</i>	
5.55 pm	Constraints of bimanual coordination in motor imagery <i>Martina Rieger</i>	
6.10 pm	Manual asymmetries in plan generation and recall during object manipulation <i>Charmayne M. Hughes, Kathrin Wunsch, Christian Seegelke, Matthias Weigelt</i>	
6.25 pm	External loads increase performance in a Fitts task for the wrist but not the arm <i>Stefan Panzer, Jason Boyle, Charles H. Shea</i>	
6.40 pm	Unconscious, incongruent primes initiate invalid motor actions <i>Christoph Schütz, Iris Güldenpenning, Thomas Schack</i>	
6.55 pm	The impact of stimulus properties on the horizontal SPARC effect in nonmusicians <i>Barbara Estner, Thomas Lachmann</i>	Moved to: Mon, HS 27, 8.45 am

Symposium

Probing dual-system theories

HS 30		Convenors: Kirsten G. Volz, Matthias Brand
5.40 pm	Interacting systems? Role of implicit learning, emotional interference and executive functions in decision making <i>Matthias Brand</i>	
5.55 pm	Authentic faces? Towards an understanding of the intuitive processing of emotional facial expressions <i>Laura F. Mega</i>	
6.10 pm	Framing effects are not created equal: Effects of mood on the framing effect <i>Sebastian Olschewski</i>	
6.25 pm	System 2 functions in decision making: The impact of executive functions on decisions under risk and ambiguity <i>Johannes Schiebener, Elisa Wegmann, Matthias Brand</i>	
6.40 pm	Intuitive response = emotionally charged? It doesn't seem so <i>Kirsten G. Volz</i>	
6.55 pm	Discussion <i>Kirsten G. Volz, Matthias Brand</i>	

Symposium

New methods to foster school-related learning? Recent proposals put to test

HS 31	Convenor: Roland H. Grabner
5.40 pm	Limitations and chances of working memory training: Impact on performance and neural efficiency <i>Daniela Nussbaumer, Roland H. Grabner, Elsbeth Stern</i>
5.55 pm	Influence of acute bouts of submaximal exercise on working memory – an fMRI study <i>Karl Koschutnig, Kerstin Schweitzer, Gernot Reishofer, Anja Ischebeck, Wolfram Müller, Franz Ebner, Christa Neuper</i>
6.10 pm	Transcranial direct current stimulation (tDCS) – a tool to enhance mathematical abilities? <i>Tobias U. Hauser, Stephanie Rotzer, Susan Méritat, Lutz Jäncke</i>
6.25 pm	Effects of tDCS on arithmetic problem solving and oscillatory EEG activity <i>Bruno Rüttsche, Tobias U. Hauser, Lutz Jäncke, Roland H. Grabner</i>
6.40 pm	Fostering learning and transfer by comparing examples <i>Lennart Schalk</i>
6.55 pm	Discussion

Symposium

Multifaceted language perception! – How variations in language influence language- and person perception

HS 32	Convenors: Christiane Schoel, Janin Roessel
5.40 pm	The relationship between language and speaker attitudes – Insights from a new scale <i>Christiane Schoel, Janin Roessel, Selma C. Rudert, Dagmar Stahlberg</i>
5.55 pm	On person judgment bias caused by phoneme perception <i>Christine Fließbeck, Hans-Peter Erb</i>
6.10 pm	Protecting one's ingroup from a bad reputation? Linguistic abstractness of descriptions of ingroup's behaviors and collective emotions <i>Karolina Hansen, Manana Jaworska, Michał Bilewicz</i>
6.25 pm	Language changes the social perception of occupational groups: The case of masculine generics and word pairs <i>Elisa Merkel, Lisa K. Horvath, Sabine Sczesny, Anne Maass</i>
6.40 pm	The role of accent and language competence on conformity toward nonnative speakers <i>Mara Mazzeurega, Maria P. Paladino, Jeroen Vaes</i>
6.55 pm	What is in an accent? – The dimensions and boundaries of prejudice toward accented speakers <i>Janin Roessel, Christiane Schoel, Dagmar Stahlberg</i>

Symposium

Exploring the mechanisms underlying exploration-exploitation decisions

- HS 33** Convenors: Rui Mata, Bettina von Helversen
- 5.40 pm Informational vs. objective utilities in information search
Jonathan D. Nelson, Björn Meder
- 5.55 pm Information search with too much choice: The effects on risk taking
Thomas Hills, Takao Noguchi, Michael Gibbert, Jerker Denrell
- 6.10 pm On the decision to explore new alternatives: The coexistence of under- and over-exploration
Kinneret Teodorescu, Ido Erev
- 6.25 pm Age differences in exploratory and goal-directed decision-making
Ben Eppinger, Maik Walter, Rasmus Bruckner, Matthew R. Nassar, Robert C. Wilson, Hauke R. Heekeren, Joshua I. Gold, Shu-Chen Li
- 6.40 pm Exploration-exploitation across tasks reveals little evidence for a common factor
Bettina von Helversen, Rui Mata, Gregory Samanez-Larkin, Andreas Wilke
- 6.55 pm Discussion

Symposium

Neural correlates of conscious and unconscious visual processing

- HS 42** Convenor: Axel Kohler, Chair: Lars Muckli
- 5.40 pm Surface area of early visual cortex predicts individual speed of traveling waves during binocular rivalry
Erhan Genç, Wolf Singer, Axel Kohler
- 5.55 pm (Micro-) State dependent perceptual awareness
Juliane Britz
- 6.10 pm Blindsight: How thalamus communicates with cortex
Michael C. Schmid
- 6.25 pm Perceptual selection and grouping: A common function of parietal cortex
Andreas Bartels
- 6.40 pm Interhemispheric connections shape individual conscious experience of visual illusions
Axel Kohler, Erhan Genç, Johanna Bergmann, Wolf Singer
- 6.55 pm Visual consciousness and predictive coding
Lars Muckli

Tuesday, Session 1, 8.30 am – 9.45 am

Thematic session

Memory: Recall

	Elise Richter Saal	Chair: Bernhard Pastötter
8.30 am	Violating the triangle inequality in cued memory recall <i>Christian Kaernbach</i>	
8.45 am	The steady state effect: Greater disruption of serial recall by repeated distractors <i>Jan P. Röer, Raoul Bell, Axel Buchner</i>	
9.00 am	On the emotional valence of remembering <i>Monika Undorf</i>	
9.15 am	The impact of Aha! Experiences on solution memory <i>Amory H. Danek</i>	
9.30 am	Using testing to improve learning after severe traumatic brain injury <i>Bernhard Pastötter, Karl-Heinz T. Bäuml</i>	

Thematic session

Visual attention: Eye tracking

	HS 7	Chair: Gernot Horstmann
8.30 am	Visual search with central scotoma – A simulation study <i>Carolin Wienrich</i>	
8.45 am	What determines differences in search efficiency in blank trials of visual search? <i>Gernot Horstmann</i>	
9.00 am	Recently inspected items are no longer inhibited when search is complete <i>Margit Höfler, Iain D. Gilchrist, Christof Körner</i>	
9.15 am	Priming of fixations during recognition of natural scenes <i>Christian Valuch, Stefanie I. Becker, Ulrich Ansorge</i>	
9.30 am	Microsaccade-evoked brain activity informs about the locus of spatial attention insights from simultaneous eye tracking and EEG <i>Susann Meyberg, Markus Werkle-Bergner, Olaf Dimigen</i>	

Thematic session

Implicit processing

HS 16	Chair: Andreas Eder
8.30 am	Retrieval-induced forgetting of motor sequences in an implicit memory test <i>Tobias Tempel, Christian Frings</i>
8.45 am	Implicit spatial learning is enhanced by the predictability of visual object identity <i>Katharina Eberhardt, Hilde Haider</i>
9.00 am	I like to get nothing: Explicit and implicit evaluations of approach- and avoidance-related outcomes <i>Andreas Eder, David Dignath</i>
9.15 am	When “Cheer up!” leads to unhappiness: Introducing a first experimental approach to measure dissatisfaction caused by the empathic short circuit <i>Victoria Hieb, Tobias Altmann, Marcus Roth</i>

Thematic session

Traffic psychology

HS 23	Chair: Gert Weller
8.30 am	Driver and driving behavior of elderly drivers on motorways <i>Gert Weller, Peter Sturmeit, Bernhard Schlag, Tina Gehlert</i>
8.45 am	Situation awareness in relation to the initial information about adaptive cruise control. A matched sample longitudinal driving simulator study <i>Matthias Beggiano, Josef F. Krems</i>
9.00 am	The time saving bias in static-cognitive and dynamic-driving judgements <i>Gabriella Eriksson, Ola Svenson, Lars Eriksson</i>
9.15 am	Objective versus subjective: Trusting a cognitive workload measurement <i>Antonia Conti</i>
9.30 am	How could warnings for drivers benefit from crossmodal speech priming? <i>Angela Mahr, Dirk Wentura</i>

Thematic session

Psychological and social approach and distance

HS 26	Chair: Klaus Fiedler
8.30 am	Ecological origins of a unitary dimension of psychological distance <i>Klaus Fiedler</i>
8.45 am	Conceptualizing construal level in terms of category width <i>Tobias Krüger, Klaus Fiedler</i>
9.00 am	The effects of disfluency on social distance <i>Karl-Andrew H. Woltin, Olivier Corneille, Vincent Y. Yzerbyt</i>
9.15 am	An unknown fundamental asymmetry between approach and withdrawal: The unequal ease of doing the same again <i>Christof Kuhbandner, Carina M. Vogel, Stephanie Lichtenfeld</i>
9.30 am	Goal framing influences automatic approach and avoidance behaviors <i>Kevin Smith, Robert Kordts-Freudinger, Regina Krieglmeyer, Roland Deutsch</i>

Thematic session

Psychological research methods I

HS 27	Chair: Erich Weichselgartner
8.30 am	Assessing the accuracy of the signal detection model: The significance of the information matrix <i>Michael Munz, Siegfried Macho</i>
8.45 am	I would like to apply a diffusion model to my experimental data – but do I have enough trials? <i>Veronika Lerche, Andreas Vofß</i>
9.00 am	Retest-reliability of nonparametric, parametric and diffusion model performance indicators across tasks <i>Markus Nagler, Andreas Vofß</i>
9.15 am	Distortion of meta-analytic findings in experimental psychology through multi-item measurement <i>Hartmut Blank</i>
9.30 am	An online service to help manage primary research data <i>Erich Weichselgartner, Ina Dehnhard, Peter Weiland</i>

Thematic session

Action and perception

HS 28	Chair: Lynn Huestegge
8.30 am	Who is talking in backward crosstalk? How action goals influence dual-task performance <i>Markus Janczyk</i>
8.45 am	Goal-directed and habitual factors in object handling <i>Oliver Herbert, Martin V. Butz</i>
9.00 am	Modality dominance patterns among effector systems <i>Lynn Huestegge, Iring Koch</i>
9.15 am	When lobsters or helicopters affect action production – Investigating the effects of action-effect compatibility cancelled <i>Dieter Nattkemper</i>
9.30 am	The role of gaze direction and vision in tactile distractor processing <i>Ann-Katrin Wesslein, Christian Frings, Charles Spence</i>

Symposium

Exploring the biological mechanisms of decision making by brain stimulation

HS 30	Convenors: Jürgen Pripfl, Igor Riećansky
8.30 am	The effect of repetitive transcranial magnetic stimulation on visually-guided decisions <i>Igor Riećansky, Bettina Haller, Claus Lamm</i>
8.45 am	Diminishing parochialism in intergroup conflict by disrupting the right temporo-parietal junction <i>Thomas Baumgartner, Bastian Schiller, Jörg Rieskamp, Lorena R. Gianotti, Daria Knoch</i>
9.00 am	A causal role for the lateral prefrontal cortex in human social norm compliance <i>Christian Ruff</i>
9.15 am	The involvement of the DLPFC in risky decision making: A transcranial direct current stimulation study <i>Jürgen Pripfl, Claus Lamm</i>
9.30 am	Role of transcranial direct-current stimulation in the human endowment effect <i>Mikhail Votinov, Toshihiko Aso, Satoko Koganemaru, Hidenao Fukuyama, Tatsuya Mima</i>

Thematic session

Developmental psychology

HS 31	Chair: Bozana Meinhardt-Injac
8.30 am	The onset of stereoscopic vision in the first year of life <i>Michael Kavšek</i>
8.45 am	Executive function and theory of mind in middle childhood <i>Gina Austin, Karoline Groppe, Birgit Elsner</i>
9.00 am	Theory of mind: A finite-mixture model for responses in the sandbox task <i>André Aßfalg, Alisha Coolin, Wendy L. Thornton, Jessica A. Sommerville, Daniel M. Bernstein</i>
9.15 am	Measuring planning competencies in childhood: Instructed vs. explored information <i>David A. Tobinski, Annemarie Fritz-Stratmann, Walter Hussy</i>
9.30 am	Effects of context and inversion for 8-10 years old children and adults: Validation across object categories <i>Bozana Meinhardt-Injac</i>

Thematic session

Language: Reading

HS 32	Chair: Ralph Radach
8.30 am	Dissociating brain systems for gaze orienting during reading from those for lexicon, syntax, and orthography: fMRI investigation of the Landolt paradigm <i>Stefan Heim, Rebekka Hillen, Muna van Ermingen-Marbach, Cornelia Eckers, Bernd Kröger, Ralph Radach, Thomas Günther</i>
8.45 am	Fixation-related fMRI analysis in the domain of reading research: Using self-paced eye movements as markers for hemodynamic brain responses during visual letter string processing <i>Fabio Richlan, Benjamin Gagl, Stefan Hawelka, Mario Braun, Matthias Schurz, Martin Kronbichler, Florian Hutzler</i>
9.00 am	Semantic relations and comprehension monitoring in reading <i>Ralph Radach, Christian Vorstius, Michael Mayer, Chris Lonigan</i>
9.15 am	Parafoveal preprocessing in reading revisited: Evidence from a novel pre-view manipulation <i>Benjamin Gagl, Stefan Hawelka, Fabio Richlan, Florian Hutzler</i>

Thematic session

Judgments and evaluations

HS 33	Chair: Momme von Sydow
8.30 am	A causal model theory of risk evaluation <i>Hansjörg Neth, Michael R. Waldmann</i>
8.45 am	Serial position effects in preference construction <i>Emina Canic, Thorsten Pachur</i>
9.00 am	Opinion formation in internet settings: Effects of process- versus outcome-accountability <i>Sören Pape, Anne Deiglmayr, Hans Spada</i>
9.15 am	The role of social identity in the reception of empirical research findings in videogame players <i>Peter Nauroth, Mario Gollwitzer</i>
9.30 am	Detecting logical patterns in sequential learning <i>Momme von Sydow</i>

Thematic session

Perception and cognition

HS 42

Chair: Merim Bilalic

- 8.30 am Parsing rooms – Making sense of spatial and functional relations with the Parahippocampal Place Area (PPA)
Merim Bilalic
- 8.45 am Mental rotation in visual and haptic object comparison
Thomas Schinauer, Marina Velkamp, Thomas Lachmann
- 9.00 am Principles of multisensory behavior
Thomas U. Otto, Brice Dassy, Pascal Mamassian
- 9.15 am How the human brain uses cross-modal predictions to improve person recognition from voice and face
Helen Blank, Katharina von Kriegstein
- 9.30 am The wisdom of crowds in unexploded ordnance (UXO) classification
Björn Meder, Juan P. Fernandez, Konstantinos V. Katsikopoulos, Jonathan D. Nelson

Tuesday, Session 2, 9.55 am – 11.10 am

Thematic session

Memory: Recognition

	Elise Richter Saal	Chair: Ullrich Wagner
9.55 am	Is familiarity-based remembering modulated by aging? An ERP analysis <i>Anna-Lena Scheuplein, Axel Mecklinger</i>	
10.10 am	Distracter induced confidence shifts in recognition memory <i>Siegfried Macho</i>	
10.25 am	Validating a discrete memory-states measurement model for confidence rating data in recognition <i>Arndt Bröder</i>	
10.40 am	Recognizing familiar faces: Evidence for average and instance based mental representations <i>Jürgen M. Kaufmann, Katharina Schierz, Stefan R. Schweinberger</i>	
10.55 am	Effects of social relevance and empathy in human memory formation <i>Ullrich Wagner, Henrik Walter</i>	

Thematic session

Visual attention: Applications

	HS 7	Chair: Gisela Müller-Plath
9.55 am	Guiding without distraction? Endogenous and exogenous attentional processes in standard and augmented reality car navigation displays <i>Gisela Müller-Plath</i>	
10.10 am	Do predictiveness effects on overt attention in contingency learning depend on the valence of the outcome? <i>Florian Kattner</i>	Moved to: Wed, HS 27, 9.15 am
10.25 am	Old dog, new tricks – Adapting the Stroop test for visual attention assessment <i>Franziska Michalczyk, Axel Hillebrand, Annika Drefler</i>	
10.40 am	Phobic images show visual prior entry <i>Anke Haberkamp, Katharina Geib, Theresa Gross, Thomas Schmidt, Katharina Weiß</i>	
10.55 am	Cultural influences on saccade trajectory modulation by remote distractors <i>Kalina Petrova, Dirk Wentura, Xiaolan Fu</i>	

Thematic session

Learning and conditioning

HS 16

Chair: Jan De Houwer

- 9.55 am What is learning? On the nature and merits of a functional definition of learning
Jan De Houwer
- 10.10 am Can we (always) resist? On the (un)controllability of evaluative conditioning
Mandy Huetter
- 10.25 am Is the valence due to evaluative conditioning represented in episodic format?
Anne Gast, Jan De Houwer, Bram Vervliet
- 10.40 am The influence of US-revaluation on conditioning attributes to neutral CSs
Sabine Förderer
- 10.55 am Effects of gonadal hormones on fear learning and quasi-intrusive aversive memories investigated in a naturalistic fear conditioning experiment
Melanie Wegerer, Jens Blechert, Hubert Kerschbaum, Frank H. Wilhelm

Symposium

Verkehrropsychologie: Fahrerassistenzsysteme – Informationen und Warnungen für den Fahrer

HS 23

Convenor: Mark Vollrath

- 9.55 am „Jetzt!“ – Situative Einflüsse auf den optimalen Zeitpunkt eines Gefahrenwarnassistenten
Susann Winkler, Julia Werneke, Mark Vollrath
- 10.10 am „Achtung Gefahr!, Achtung Gefahr von rechts!“ – Wie genau sollten Car2Car-Warnungen den Fahrer an Kreuzungen warnen?
Lena Herzberg, Mark Vollrath, Julia Werneke
- 10.25 am Auswirkungen von Spezifität und Zeitpunkt früher Fahrerinformationen zur Kollisionsvermeidung in urbanen Szenarien
Frederik Naujoks, Heidi Grattenthaler, Alexandra Neukum
- 10.40 am Wirkungsermittlung einer Car-to-Car-Warnung vor Gefahrenbremsungen – eine Realfahrstudie
Dominik Muehlbacher, Fabienne Roche
- 10.55 am Entwicklung und Evaluation des HMIs eines Ein- und Ausfädelassistenten
Anke Schwarze, Kathrin Leske, Frank Eggert

Symposium

Social cognition: Developmental perspectives

HS 26	Convenors: Claus Lamm, Jasminka Majdandžić
9.55 am	Domestication and tolerance: How can dogs and wolves use conspecific and human-given cues? <i>Zsófia Virányi</i>
10.10 am	Sex differences in autonomic and hemodynamic correlates of aggressive behavior in children cancelled <i>Katrina J. Michalska, Jean Decety</i>
10.10 am	How social groups are represented in the brain: Clues from neuro-psychology <i>Raffaella I. Rumiat, Andrea Carnaghi, Erika Improta, Ana Laura Diez, Maria Caterina Silveri</i> new
	For abstract see Addendum: Additional abstracts
10.25 am	The role of impulse control and dorsolateral prefrontal cortex in the development of strategic social decision-making <i>Nikolaus Steinbeis, Boris Bernhardt, Tania Singer</i>
10.40 am	Empathy and self-other distinction over the life-span: Behavioral and neurophysiological evidences <i>Giorgia Silani</i>
10.55 am	Empathic abilities in psychopathic and non-psychopathic violent offenders <i>Daniela M. Pfabigan, Eva-Maria Seidel, Anna M. Wucherer, Katinka Keckeis, Birgit Derntl, Claus Lamm</i>

Thematic session

Psychological research methods II

HS 27	Chair: Dominik R. Bach
9.55 am	A new approach to the evaluation of witness statements <i>Berenike Waubert de Puiseau, André Aßfalg, Edgar Erdfelder, Jochen Musch</i>
10.10 am	What is the optimal number of answer options in multiple-choice items? <i>Martin Papenberg, Jochen Musch</i>
10.25 am	Sequentially presented answer options prevent the use of testwiseness cues in continuing medical education multiple-choice tests <i>Sonja Willing, Jochen Musch</i>
10.40 am	Towards causal models in psychophysiology <i>Dominik R. Bach</i>

Thematic session

Executive control: Task switching

HS 28

Chair: Michel D. Druet

- 9.55 am “Attention, please” – Warning strategies in a dual-task condition
Ute Niederée, Mark Vollrath
- 10.10 am Is there a cue-processing bottleneck in cued task switching?
Michel D. Druet, Alain Zanardi
- 10.25 am Exploring bottom-up priming of control: Transfer of attentional control associations to new task settings
Caroline Gottschalk, Rico Fischer
- 10.40 am Modality-specific effects on crosstalk in task switching – Evidence from modality compatibility
Denise N. Stephan, Iring Koch
- 10.55 am Contextual modulation of response order in the PRP paradigm – The case of saccades and manual responses
Aleksandra Pieczykolan, Lynn Huestegge

Thematic session

Reasoning and thinking I

HS 30

Chair: Paul D. Thorn

- 9.55 am Causal diversity effect in sequential diagnostic reasoning
Felix G. Rebitschek, Agnes Scholz, Josef F. Krems, Georg Jahn
- 10.10 am The effect of moral outrage and perspective on conditional legal reasoning
Lupita Estefania Gazzo Castaneda, Markus Knauff
- 10.25 am Minimality criteria in spatial belief revision
Paul D. Thorn, Leandra Bucher
- 10.40 am Effects of plausibility and imageability on relational belief revision
Leandra Bucher, Jelica Nejasmic, Markus Knauff
- 10.55 am Opening the cuebox
Azzurra Ruggeri, Henrik Olsson, Konstantinos V. Katsikopoulos

Thematic session

Cognitive psychology of ageing

HS 31		Chair: Ralf Krampe
9.55 am	Expertise and age in complex movement timing <i>Ralf Krampe, Nicole Wenderoth, Stephan Swinnen</i>	
10.10 am	Event-related potentials associated with age differences in context updating <i>Hannah Schmitt, Nicola K. Ferdinand, Jutta Kray</i>	
10.25 am	Individual change in memory search throughout old age <i>Ana S. Morais, Hansjörg Neth, Thomas Hills</i>	
10.40 am	Age and individual differences in visual working memory capacity and filtering efficiency: Filtering on the basis of location <i>Tina Schwarzkopp, Kerstin Jost</i>	
10.55 am	Modeling aging in decisions from experience <i>Renato Frey, Rui Mata, Ralph Hertwig</i>	

Thematic session

Language: Reading and writing

HS 32		Chair: Jens Bölte
9.55 am	Compounds revisited: Do pragmatics win over logic in the processing of complex words? <i>Maria Bronk, Minna H. Lehtonen, Pienie Zwitserlood, Jens Bölte</i>	
10.10 am	Reading competence, eye movements, and the perceptual span of German first, second, and third graders <i>Anja Sperlich, Jochen Laubrock</i>	
10.25 am	Task demands influence sentence coding: Evidence from self-paced reading and the visual world paradigm <i>Almut Ketzer, Ralf Rummer, Judith Schweppe</i>	
10.40 am	Evidence from writing process data on copying strategies of 4th and 2nd graders <i>Christian Weinzierl</i>	

Thematic session

Decision making: Social influences

HS 33	Chairs: Thomas Brudermann, Thomas Fenzl
9.55 am	The impact of communication and motivation strategies on tax compliance <i>Katharina Gangl, Eva Hofmann, Erich Kirchler</i>
10.10 am	A field experiment on enhancing payment morale in an honesty-based sales system <i>Thomas Brudermann, Gregory Bartel, Thomas Fenzl</i>
10.25 am	The influence of social relationships on economic decisions under uncertainty <i>Gesa-Kristina Petersen, Katharina Kugler, Julia Reif, Felix Brodbeck</i>
10.40 am	Adaptive group decision making <i>Juliane E. Kämmer, Wolfgang Gaissmaier</i>
10.55 am	Social conformity and perceptual decision-making: A diffusion model analysis <i>Markus Germar, Alexander Schlemmer, Kristine Krug, Andreas Voß, Andreas Mojzisch</i>

Thematic session

Vision and EEG

HS 42	Chair: Ulla Martens
9.55 am	Prestimulus alpha oscillations affect visual perception via response gain modulation <i>Niko A. Busch, Maximilien Chaumon</i>
10.10 am	ERPs dissociate semantic and syntactic processing in scenes <i>Melissa L. Vo</i>
10.25 am	EEG correlates of stable and unstable object representations are similar across stimulus categories <i>Jürgen Kornmeier, Michael Bach, Rike Wörner</i>
10.40 am	Neural mechanisms of top-down control in contour grouping <i>Gregor Volberg, Andreas Wutz, Mark W. Greenlee</i>
10.55 am	Functional hemispheric asymmetries of global/local processing mirrored by the steady-state visual evoked potential <i>Ulla Martens, Ronald Hübner</i>

Tuesday, Keynote lecture, 11.40 am – 12.50 pm

Tuesday, Keynote lecture, 11.40 am – 12.50 pm

Audimax

11.40 am Gehirn und Gedicht: Wie Wörter wirklich werden
Arthur M. Jacobs, Raoul Schrott

Tuesday, Session 3, 2.20 pm – 3.50 pm

Symposium

Trends in prospective memory research

- | | |
|---------------------------|---|
| Elise Richter Saal | Convenors: Jan Rummel, Sebastian Horn |
| 2.20 pm | Prospective memory from an evolutionary perspective
<i>Sebastian Horn, Raoul Bell, Ute J. Bayen, Axel Buchner</i> |
| 2.35 pm | How sadness influences event-based prospective remembering – A phase-specific approach
<i>Katharina M. Schnitzspahn, Jan Rummel, Elisa Eberhardt, Christina Müller, Sebastian Pannasch, Matthias Kliegel</i> |
| 2.50 pm | Beyond monitoring: After-effects of responding to prospective memory targets
<i>Beat Meier, Alodie Rey-Mermet</i> |
| 3.05 pm | The difficulty of letting go: Moderators of the deactivation of completed intentions
<i>Moritz Walser, Thomas Goschke, Rico Fischer</i> |
| 3.20 pm | Metacognition and attention allocation in prospective memory
<i>Jan Rummel, Beatrice G. Kuhlmann, Dayna R. Touron, Thorsten Meiser</i> |

Thematic session

Priming: Subliminal

- | | |
|-------------|--|
| HS 7 | Chair: Markus Kiefer |
| 2.20 pm | Reappraising the influencing power of backward masked words
<i>Robert Schorn, Mathias Streicher</i> |
| 2.35 pm | Priming effects of masked primes across different types of stimuli and the accumulator model
<i>Diemut Regel, Thorsten Albrecht, Uwe Mattler</i> |
| 2.50 pm | Task sets modulate brain activity in semantic processing pathways during subliminal priming: Further evidence for an attentional sensitization of unconscious cognition
<i>Markus Kiefer, Martin Ulrich, Sarah C. Adams</i> |
| 3.05 pm | Adaptation to unconscious conflicts in unconscious contexts
<i>Heiko Reuss, Kobe Desender, Andrea Kiesel, Wilfried Kunde</i> |

Symposium

Neurobiological aspects of cognitive and emotional processes in clinical contexts

HS 16	Convenors: Kristina Hennig-Fast, Susanne Karch
2.20 pm	Neurobiological underpinnings of cognition-emotion interaction in schizophrenia <i>Kristina Hennig-Fast, Dominik Meißner, Anna Buchheim, Sandra Dehning, Janusch Blautzik, Norbert Müller, Peter Zill, Maximilian Reiser, Hans-Jürgen Möller</i>
2.35 pm	Neurobiological aspects of psychotherapy in OCD <i>Susanne Karch</i>
2.50 pm	Intact emotion-cognition interaction in schizophrenia patients and first-degree relatives: Evidence from an emotional antisaccade task <i>Désirée Aichert, Ulrich Ettinger</i>
3.05 pm	Regulation of emotion and oxytocin in schizophrenia: An fMRI study <i>Dominik Meißner, Sandra Dehning, Anna Buchheim, Janusch Blautzik, Norbert Müller, Thomas Meindl, Maximilian Reiser, Hans-Jürgen Möller, Kristina Hennig-Fast</i>
3.20 pm	Mind-body interactions in affective decision-making <i>Natalie S. Werner, Nicola Schweitzer, Katharina Jung, Thomas Meindl, Stefan Duschek, Rainer Schandry</i>
3.35 pm	Neural changes in depressed patients during psychodynamic psychotherapy: An fMRI study <i>Anna Buchheim, Roberto Viviani, Henrik Kessler, Horst Kächele, Manfred Cierpka, Gerhard Roth, Svenja Taubner</i>

Symposium

Applied cognitive psychology: Current topics and methods

HS 23	Convenor: Anke Huckauf
2.20 pm	Prospective memory in safety-critical domains <i>Tobias Grundgeiger, Penny Sanderson</i>
2.35 pm	Challenging the contrast polarity effect: Should we really recommend 'black on white'? <i>Marlis Gerdes, Cristina Meinecke</i>
2.50 pm	Brightness and contrast effects on binocular coordination <i>Anke Huckauf, Luc Watrin, Gabriel Yuras, Anne Koepsel</i>
3.05 pm	The analysis of eye movements in the context of cognitive technical systems <i>Sebastian Pannasch, Jens R. Helmert, Romy Müller, Boris M. Velichkovsky</i>
3.20 pm	New approaches towards the measurement of mental fatigue <i>Edmund Wascher, Khatuna Parkodsadze, Daniel Schneider, Sven Hoffmann, Björn Rasch, Ingmar Gutberlet</i>
3.35 pm	Mobile brain/body imaging as a new method for neuroergonomics <i>Klaus Gramann</i>

Thematic session

Social Simon and conflict effects

HS 26

Chair: Roman Liepelt

- 2.20 pm Social Simon Effects in the light of dimensional overlap
Annelie Rothe-Wulf, Kerstin Dittrich, Karl C. Klauer, Wolfgang Prinz, Thomas Dolk
- 2.35 pm The contribution of conceptual and perceptual similarity to the social Simon Effect
Anna Stenzel, Thomas Dolk, Roman Liepelt
- 2.50 pm The relativity of self and other: Evidence from the Social Simon Task
Bernhard Hommel, Lorenza Colzato, Ellen de Bruijn, Wery van den Wildenberg
- 3.05 pm Dynamic adaptation to social environmental changes
Bibiana Klempova, Roman Liepelt
- 3.20 pm Hands up: Why hand location matters for joint action
Roman Liepelt
- 3.35 pm Social projection: Approaching others by increasing self-other similarity
Maya Machunsky

Symposium

Psychology of aesthetics

HS 27

Convenor: Martina Jakesch

- 2.20 pm Effects of arousal, pleasantness and complexity on eye movements when viewing natural scenes and paintings
Manuela M. Marin, Helmut Leder
- 2.35 pm Subjective feeling of fluency and affective response
Michael Forster, Helmut Leder
- 2.50 pm Cognitive fluency: Titles influence aesthetic evaluations
Gernot Gerger, Helmut Leder
- 3.05 pm Classification and appreciation of ambiguity in art
Martina Jakesch, Helmut Leder
- 3.20 pm Ambiguity in art: About the various ways to irritation and their link to appreciation and ambiguity-tolerance
Claudia Muth, Claus-Christian Carbon
- 3.35 pm The influence of a product's perceived social function on aesthetic pleasure for visual product designs
Janneke Blijlevens, Paul Hekkert

Thematic session

Executive control: Attention and inhibition

HS 28	Chair: Lorenza Colzato
2.20 pm	The genetic impact (C957T-DRD2) on inhibitory control is magnified by aging <i>Lorenza Colzato</i>
2.35 pm	Assessing the function of the fronto-parietal attention network: Insights from resting state fMRI and the attentional network test <i>Sebastian Markett, Martin Reuter, Christian Montag, Gesine Voigt, Bernd Lachmann, Sarah Rudorf, Bernd Weber</i>
2.50 pm	DRD2-TaqIa polymorphism modulates motivational enhancement of interference processing <i>Anni Richter, Sylvia Richter, Adriana Barman, Joram Soch, Marieke Klein, Catherine Libeau, Torsten Wüstenberg, Constanze I. Seidenbecher, Björn H. Schott</i>
3.05 pm	Counteracting task inhibition – On the influence of prolonged preparation time on n-2 task repetition costs <i>Miriam Gade, Iring Koch</i>
3.20 pm	Determinants of dual-task efficiency: Evidence from analyzing response organization in a concurrent dual-task paradigm <i>Jessika Reissland, Dietrich Manzey</i>

Thematic session

Reasoning and thinking II

HS 30	Chair: Kai Epstude
2.20 pm	When does the bias start? Inaccurate representations of reasoning problems <i>André Mata, Anna-Lena Schubert, Mário B. Ferreira</i>
2.35 pm	Why often-heard things tend to be true: The ecological rationality of the truth effect <i>Stefan M. Herzog</i>
2.50 pm	Meditate to create: The impact of focused-attention and open-monitoring training on convergent and divergent thinking <i>Ayca Ozturk-Szaporá, Lorenza Colzato, Bernhard Hommel</i>
3.05 pm	When letting go is difficult: Dysfunctional effects of counterfactual thoughts <i>Kai Epstude</i>
3.20 pm	Does logic feel good? Probably not! Refuting claims of a fluency mediated intuitive logic <i>Henrik Singmann, Karl C. Klauer</i>
3.35 pm	Perceptual hints induce representational changes in insight problems <i>Michael Öllinger</i>

Symposium

The development of anticipatory planning skills for object manipulation in childhood

HS 31

Convenors: Anne Henning, Matthias Weigelt

- 2.20 pm Motor planning in children: The ontogenetic development of a phylogenetic trait
Kathrin Wunsch, Daniel Weiss, Thomas Schack, Matthias Weigelt
- 2.35 pm The development of the end-state comfort effect in 3- to 8-year-old children: Exploring the role of action effects and type of task
Anne Henning, Birgit Knudsen, Kathrin Wunsch, Matthias Weigelt, Gisa Ascherleben
- 2.50 pm The development of grasp posture planning in 6 to 10 year old children
Tino Stöckel, Charmayne M. Hughes
- 3.05 pm The grasp-height effect in young children
Bianca Jovanovic, Gudrun Schwarzer
- 3.20 pm Discussion
Matthias Weigelt

Symposium

Language & emotion

HS 32

Convenors: Carolin Dudschig, Irmgard de la Vega

- 2.20 pm Modulating the processing of emotional words by brain stimulation
Christian Dobel, Kati Keuper, Peter Zwanzger previously: Wed, HS 16, 3.00 pm
- 2.35 pm Beyond good and bad – facets of automatic processing of emotional words and texts
Dirk Wentura
- 2.50 pm The influence of self-motion on the processing of spatially associated words
Matthias Hartmann, Fred W. Mast
- 3.05 pm What is up? Emotion-specific activation of vertical space during language processing
Carolin Dudschig
- 3.20 pm Processing of complex emotional expressions
Irmgard de la Vega
- 3.35 pm Is this funny? How women and men process verbal jokes
Evelyn C. Ferstl, Lisa Putzar

Symposium

Cognitive processes in risky choice

- HS 33** Convenors: Pascal J. Kieslich, Felix Henninger, Benjamin E. Hilbig
- 2.20 pm Investigating factors influencing risky decision making
Susann Fiedler, Andreas Glöckner
- 2.35 pm Does prospect theory capture psychological processes?
Michael Schulte-Mecklenbeck, Thorsten Pachur, Ryan O. Murphy, Ralph Hertwig
- 2.50 pm Parallel constraint satisfaction as a process model of risky choice
Felix Henninger, Benjamin E. Hilbig, Andreas Glöckner, Pascal J. Kieslich
- 3.05 pm Multiple-measure strategy classification in risky choice
Pascal J. Kieslich, Benjamin E. Hilbig, Felix Henninger
- 3.20 pm The neural bases of affect-poor vs. affect-rich risky choice
Renata Suter, Thorsten Pachur, Ralph Hertwig, Guido Biele
- 3.35 pm Discussion
Thorsten Pachur, Benjamin E. Hilbig

Symposium

New directions in visual masking

- HS 42** Convenor: Thomas Schmidt, Chairs: Anke Haberkamp, Philipp Schmidt
- 2.20 pm Your unconscious knows your name
Andrea Kiesel, Roland Pfister, Carsten Pohl, Wilfried Kunde
- 2.35 pm Enforcing double dissociations between measures of priming and awareness (or anything else)
Thomas Schmidt
- 2.50 pm Early electrophysiological correlates of metacontrast masking reflect spatio-temporal stimulus properties, not subjective visibility
Maximilian Bruchmann
- 3.05 pm Individual differences in the neuronal processing of metacontrast stimuli
Thorsten Albrecht, Daniel Krüger, Uwe Mattler
- 3.20 pm Discussion
Filipp Schmidt, Anke Haberkamp

Tuesday, Poster session, 3.50 pm – 5.00 pm

Main Ceremonial Chamber

Executive Control

- 1-T Does task format matter? Experimental results of a comparison of two versions of sequence planning tasks
Florian Buchwald, Maria Opfermann, Detlev Leutner
- 2-T The influence of stimulus contrast on sequential adjustment effects in the Eriksen flanker task
Jessica V. Strozyk, Ines Jentzsch
- 3-T Replicating rivals? Interdependency modulates the emergence of distractor-response episodes through observation
Johanna Herrmann, Carina Giesen, Klaus Rothermund
- 4-T Does the experience of difficulty influence introspective judgements of reaction times during dual-task paradigms?
Donna Bryce, Daniel Bratzke
- 5-T The level of visual processing defines the size of location negative priming
Stefanie Kehrner, Stefan P. Koch, Kerstin Irlbacher, Herbert Hagendorf, Norbert Kathmann, Stephan Brandt, Antje Kraft
- 6-T Effects of long-term physical activity on interference processing in aging
Patrick D. Gajewski, Michael Falkenstein
- 7-T The stimulus-driven remapping of stimuli onto a single response selectively recruits bilateral inferior frontal junction across modalities
Robert Langner, Simon B. Eickhoff
- 8-T Decreased attention in task switching: The influence of task frequency and modality compatibility
Johanna Josten, Denise N. Stephan, Wolfgang Stolzmann, Iring Koch
- 9-T Into sight, into mind: Establishment of distractor-response bindings by observational learning
Annie Srowig, Carina Giesen, Klaus Rothermund
- 10-T ~~The locus of the shielding function of task rules~~ cancelled
Renate Reisenauer, Gesine Dreisbach

Judgments

- 11-T Impact of planned movement direction on judgments of visual locations
Wladimir Kirsch, Wilfried Kunde
- 12-T Visual judgments of object weight depend on the physical state of the observer
James L. Rose, Hashim Al Rasheed
- 13-T Quick and dirty: Delay and framing influence judgments of truth
Katharina Fischer, Benjamin E. Hilbig

- 14-T On the predictive accuracy of immediate and delayed judgments of learning for automatic and controlled memory processes
Nadine Gronewold, Monika Undorf
- 15-T Parallel processing of self-reference and self-relevance during a social cognition task
Joram Soch, Lorenz Deserno, Björn H. Schott
- 16-T Do I trust women with soccer?
Angela R. Dorrough, Andreas Glöckner, Tilmann Betsch, Anika Grudzielski
- 17-T The role of emotions in cognitive biases
Ksenia Dorofeeva, Andrea Ceschi, Riccardo Sartori
- 18-T Intuitive decisional processes in visual and semantic coherence judgements: An MEG study
Ninja K. Horr, Christoph Braun, Kirsten G. Volz
- 19-T Object properties influence spatial belief revision
Jelica Nejasmic, Leandra Bucher, Markus Knauff
- 20-T The cognitive mechanisms underlying deception: An ERP study
Kristina Suchotzki, Bruno Verschuere, Fren Smulders, Ewout Meijer, Geert Crombez

Language

- 21-T Acoustic and brain signatures of individual differences in speech imitation ability in late bilinguals
Susanne M. Reiterer, Xiaochen Hu, T. A. Sumathi, Nandini C. Singh
- 22-T Werden phonologische Kongruenzeffekte bei Mehrwortäußerungen durch sprachspezifische Wortstellungsregeln beeinflusst?
Ekaterina Alekseeva, Andreas Mädebach, Jörg D. Jescheniak
- 23-T „Hurtig“ beschleunigt – wenn es semantisch verarbeitet wird
Bettina Rolke, Verena C. Seibold
- 24-T Opened (not closed): Do adjectival passives activate a contrasting state?
Berry Claus
- 25-T How context influences sentence interpretation and assumptions about the world
Sonja Tiemann, Mareike Schmid, Ingo Hertrich, Sigrid Beck, Bettina Rolke
- 26-T The sound of sentences: A language induced SMARC effect
Sibylla Wolter, Irmgard de la Vega, Carolin Dudschig, Barbara Kaup
- 27-T Math is for boys: Are implicit math-language gender stereotypes predictive for teachers' school career recommendations?
Miriam Nürnberger, Josef Nerb
- 28-T How cognitive is the Chomsky Hierarchy? Evidence for the acquisition of phrase structure grammars in an artificial language
Birgit Öttl, Gerhard Jäger, Barbara Kaup

Tuesday, Poster session, 3.50 pm – 5.00 pm

- 29-T That's "Spanish" to Me! A Comparison of the meaning of Spanish and German probability expressions
Fransiska Bocklisch, Anne Georg, Steffen F. Bocklisch, Josef F. Krems
- 30-T Semantic interference from distractor pictures in single picture naming: Evidence for competitive lexical selection
Asya Matushanskaya, Jörg D. Jescheniak, Andreas Mädebach, Matthias M. Müller
- 31-T Phonological advance planning in sentence production under verbal or spatial load
Jana Klaus, Andreas Mädebach, Jörg D. Jescheniak
- 32-T The case of word length and visual familiarity in the development of reading skill
Anne K. Rau, Korbinian Möller, Karin Landerl
- 33-T Existential crisis of determiners: When the birdhouse cannot be found or when a birdhouse appears more than once
Mareike Schmid, Sonja Tiemann, Sigrid Beck, Ingo Hertrich, Bettina Rolke
- 34-T Mothers' and children's speech complexities in two settings of social interaction
Tanja Schorch, Jens Brauer

Learning

- 35-T Do calculation shortcuts that are based on the same mathematical principle trigger each other?
Claudia Godau, Robert Gaschler, Bianca Vaterrodt, Peter A. Frensch, Hilde Haider
- 36-T The role of attention toward the context for the formation of renewal
Sara Lucke, Metin Uengoer, Harald Lachnit
- 37-T Pre-training performance affects configural discrimination learning
Jana Birkenbusch, Florian Kattner
- 38-T Positive or negative – a matter of personality? Evaluative conditioning effects are associated with specific personality characteristics
Cornelia Rieder, Steffen Landgraf, Michael Osterheider
- 39-T Neural correlates of behavioural adaptation in active and observational feedback learning
Christian Bellebaum
- 40-T Task set switching performance and its relation to implicit sequence learning
Markus Martini, Pierre Sachse
- 41-T Interaction gestures influence category learning on multi-touch-tables
Susana Ruiz Fernández, Julia Kranz, Birgit Imhof, Stephan Schwan, Barbara Kaup, Peter Gerjets
- 42-T Expanding, contracting, or equal learning schedules? The optimal distribution of learning sessions depends on retention interval
Carolina E. Küpper-Tetzel, Irina V. Kapler, Nicholas J. Cepeda
- 43-T Reward processing in medial frontal cortex related to activity in Ncl. Accumbens and thalamus
Thomas Schüller

- 44-T The efficiency in sensorimotor learning: Spatial realignment vs. modular adaptation
Lei Wang, Jochen Müsseler
- 45-T Financial incentives influence the learning of a visuomotor rotation
Kathrin Gajda, Sandra Sülzenbrück, Herbert Heuer
- 46-T „... hat soeben seinen Beziehungsstatus gewechselt“ – Blockierung von Konditionierungseffekten im Kontext der Partnersuche
Wiebke B. Struckmann, Beate Wienecke, Florian Bankes, Karen Hamann, Anne Frick, Nicolas Koranyi

Memory

- 47-T Enactment superiority effects: Interaction between memory testing method and item type
Wolfgang Mack
- 48-T Memory for happy and angry faces: A multinomial processing tree analysis
Meike Kroneisen
- 49-T Adult age differences in hindsight bias depend on memory instructions
Julia Groß, Ute J. Bayen
- 50-T Implicit memory function in fibromyalgia syndrome
Stefan Duschek, Natalie S. Werner
- 51-T Long-term recall of rhyming text: Preschoolers are better than adults
Szilvia Takács
- 52-T Eye movement statistics to uncover processes underlying prospective memory
Josephine Hartwig, Matthias Kliegel, Katharina M. Schmitzspahn, Boris M. Velichkovsky, Jens R. Helmert
- 53-T The dominance and stability of prototype representation during category learning on complex naturalistic stimuli
Eszter Somos, Anett Ragó, Péter Vida, Máté Varga
- 54-T Depth of processing in human place recognition
Stephan Lancier, Marc Halfmann, Hanspeter A. Mallot
- 55-T The role of intralist similarity in list length effects in recognition memory
Ann-Kathrin Zaiser, Martin Brandt
- 56-T An EEG study on recognition memory: Familiarity is based on gamma-band oscillations; recollection is linked to the theta-band
Moritz Köster, Thomas Gruber
- 57-T Benefits of naps in recognition memory
Sara Studte, Emma Bridger, Axel Mecklinger
- 58-T Familiarity and recollection in the first two fixations of face recognition
Charlotte Schwedes, Dirk Wentura

Tuesday, Poster session, 3.50 pm – 5.00 pm

- 59-T Does the enactment effect reflect accelerated retrieval speed?
Veit Kubik, Sven Obermeyer, Julia Meier, Monika Knopf
- 60-T The influence of positive and negative valence of events on the intention superiority effect
Stefan Walter, Beat Meier
- 61-T Memory retrieval: Opponent dynamics after short and long retention intervals
Andreas Schlichting, Karl-Heinz T. Bäuml
- 62-T Modulation of hippocampus-dependent memory formation by monetary versus social reward
Adriana Barman, Joram Soch, Anna Deibele, Sylvia Richter, Constanze I. Seidenbecher, Björn H. Schott
- 63-T The influence of visual short-term memory content on object correspondence
Elisabeth Hein, Cathleen M. Moore, Andrew Hollingworth
- 64-T Effects of affective state on the capacity and precision of visual working memory
Philipp Spachholz, Christof Kuhbandner, Reinhard Pekrun
- 65-T When Stroop and task shifting meet the n-back: Behavioral, electrophysiological (EEG) and eyetracking correlates of working memory load in a modified n-back task
Christian Scharinger, Gabriele Cierniak, Peter Gerjets
- 66-T Brain oscillatory signatures of WM and LTM interfacing
Barbara Berger, Annette Sterr, Paul Sauseng
- 67-T Influence of elaboration processes in cognitive remediation with a biotic designed computer based training (CBT) on global working memory (GWM)
Laura Stahl, Oliver Christ
- 68-T Influence of juggling training on mental rotation, motor abilities and working memory processes
Jennifer Lehmann, Daniela Kumpf, Petra Jansen

Methods of Psychology

- 69-T A MATLAB plugin for the analysis of combined EEG and eye-tracking data
Olaf Dimigen, Ulrich Reinacher
- 70-T ICA based coupling of EEG and fMRI in an oddball paradigm
Martin Krebber
- 71-T Methods of experimental introspection in the study of higher cognition
Cornell Schreiber, Benjamin Angerer, Stefan Schneider
- 72-T Model selection of multinomial processing tree models – A Monte Carlo simulation
Daniel W. Heck, Morten Moshagen
- 73-T A comparison of the psychometric properties of multiple choice, inclusion and exclusion testing
Sebastian Ullrich, Jochen Musch

- 74-T A comparison of expert and empirical option weighting as alternative procedures to improve the reliability and validity of multiple choice tests
Jana Sommer, Birk Diedenhofen, Jochen Musch
- 75-T Analyzing verbal response scales
Ramona Groß, Franziska Bocklisch, Josef F. Krems
- 76-T A novel tool for the runtime analysis of adaptive decision strategies
Anatina Trakowski
- 77-T The increasing importance of web-based data collection methods in psychology: Large-scale metadata analysis from online questionnaires in the field
Christoph Burger, Stefan Stieger

Perception and Cognition

- 78-T Making sense of subsequent action: Neural signatures of spontaneous interpretation
Mari Hrkac, Moritz F. Wurm, Anne B. Kühn, Ricarda I. Schubotz
- 79-T The influence of viewpoint height on the processing of soccer scenes
Bärbel Garsoffky, Michael B. Steinborn, Stephan Schwan
- 80-T Experience of agency and sense of responsibility: Do we feel responsible when inflicting pain on another person?
Anne Löffler, Marcel Brass, Jelle Demanet, Lize De Coster, Dorit Wenke
- 81-T Temporal buffering and visual capacity: The time course of object formation underlies capacity limits in visual cognition
Andreas Wutz, David Melcher
- 82-T Gender differences in chronometric mental rotations tests with embodied stimuli
Petra Jansen, Jennifer Lehmann, Claudia Quaiser-Pohl
- 83-T The gender effect in children's mental-rotation performance: Influence of rotational axis and gender-related stimulus attributes
Vera Ruthsatz, Sarah Neuburger, Petra Jansen, Claudia Quaiser-Pohl
- 84-T Dekomposition von Lächeln
Jens Eisermann, Ulrike Petzold

Psychology of Ageing

- 85-T Environmental requirements in motor imagery among older adults
Michael Kalicinski, Matthias Kempe, Babett H. Lobinger, Otmar Bock
- 86-T Cognitive architecture and cognitive reserve in elderly
Thomas Fink, Katrin Walther, Ruth von Hammerstein, Antonia Schmid, Josef Zihl
- 87-T Age effects on neural correlates of performance in a cognitive task-set switching paradigm
Mireille Trautmann, Ben Godde, Claudia Voelcker-Rehage

Tuesday, Session 4, 5.00 pm – 6.30 pm

Thematic session

Memory: Retrieval, forgetting, and false memories

Elise Richter Saal

Chair: Markus Huff

- 5.00 pm List-method directed forgetting is selective in the 3-list and 2-list tasks
Oliver Kliegl, Bernhard Pastötter, Karl-Heinz T. Bäuml
- 5.15 pm The two faces of selective memory retrieval: Recall-specificity of the detrimental but not the beneficial effect
Ina M. Dobler, Karl-Heinz T. Bäuml
- 5.30 pm Can your indecent acts become mine? False memories of self-performance from observing others' negative actions
Cécile Schain, Gerald Echterhoff, Isabel Lindner
- 5.45 pm Post-learning verbal information alters memory for hand-manipulative tasks
Markus Huff, Nathalie Mandel
- 6.00 pm I remember what you did: Recall of simulated action plans
Christian Seegelke, Charmayne M. Hughes

Thematic session

Priming

HS 7

Chair: Christian Frings

- 5.00 pm Response priming in touch
Frank Mast, Christian Frings
- 5.15 pm Mood induction as speech motor priming
Ralf Rummer, René Schlegelmilch, Martine Grice
- 5.30 pm Task misapplication as a mechanism to explain automatic activation of propositional knowledge in sequential priming tasks
Niclas Heider, Adriaan Spruyt, Jan De Houwer
- 5.45 pm Revenge is sweet, but not cute: Priming with pictures of sweets induces metaphor-consistent social judgments
Jens H. Hellmann, Deborah F. Thoben
- 6.00 pm Redundancy gain for responses to semantic features of individual words
Hannes Schröter, Anja Fiedler, Rolf Ulrich

Thematic session

Affective processing and executive control

HS 16	Chair: Michael Häfner
5.00 pm	Can't read it, must eat it: Processing fluency and self-control <i>Michael Häfner</i>
5.15 pm	Regulation of valence-based disturbances operates in a reactive rather than proactive manner <i>Susanne Augst, Wilfried Kunde, Thomas Kleinsorge</i>
5.30 pm	Counter-regulation triggered by emotion inductions: Positive/negative affective states elicit opposite valence biases in affective processing <i>Susanne Schwager, Klaus Rothermund</i>
5.45 pm	Conflicts as aversive signals: Conflict priming increases negative judgments for neutral stimuli <i>Julia Fritz, Gesine Dreisbach</i>
6.00 pm	Displaced revenge: Can revenge be satisfactory if it aims at a different target? <i>Arne Sjöström, Mario Gollwitzer</i>

Symposium

Traffic psychology: Applications and driver feedback

HS 23	Convenor: Mark Vollrath, Chair: Martin Baumann
5.00 pm	Sensitivity of the lane change task to measure sleep- and alcohol-related performance impairment <i>Katharina Oeltze, Eva-Maria Elmenhorst, Hans-Jürgen Hörmann, Caroline Schießl</i>
5.15 pm	Take a break – on the design of system feedback in driver state recognition <i>Annika Drefßler, Manfred Thüring</i>
5.30 pm	Dude, calm down! De-escalating driving anger using in-car anger regulation prompts <i>Sabine Wollstaedter, Mark Vollrath, Hans-Rüdiger Pfister</i>
5.45 pm	The compatibility of energy efficiency with pleasure of driving <i>Lena Rittger, Marcus Schmitz</i>
6.00 pm	Uncertainty feedback as component in the interaction design for highly automated vehicles <i>Matthias Heesen, Martin Baumann</i>

Thematic session

Social psychology: Gender, sex, and mating

HS 26

Chair: Friederike Eyssel

- 5.00 pm The domain specificity of the red romance effect: Do women choose to wear red in a potential mate situation?
Daniela Niesta-Kayser, Maria Agthe, Andrew J. Elliot
- 5.15 pm When body appearance doesn't count: The effect of masculinity threat on reactions toward sexualized and non-sexualized women
Fabio Fasoli, Friederike Eyssel
- 5.30 pm The moderating role of attachment avoidance in adaptive automatic self-regulation processes during mate searching
Nicolas Koranyi, Anja Amling, Marcel Ehle, Frauke Reiprich, Lena Zimmermann
- 5.45 pm Benevolent is as bevolent does? The role of benevolent sexism in predicting helping behavior toward female subtypes
Friederike Eyssel, Frank Asbrock

Symposium

Experimental aesthetics: From the laboratory to the field

HS 27

Convenors: David Welleditsch, Helmut Leder

- 5.00 pm Statistical image properties of architecture, advertisements and aesthetic art
Christoph Redies, Julia Braun, Seyed A. Amirshahi, Joachim Denzler
- 5.15 pm Aesthetic judgment of broken symmetries
Andreas Gartus, Helmut Leder
- 5.30 pm Telltale eyes: Perceiving complexity and beauty in art
Marcos Nadal, Michael Forster, Matthew Paul, Helmut Leder
- 5.45 pm Perception of abstract art – homogeneous or totally different? An empirical study of an art-historical problem
Hanna Brinkmann, Laura Commare, Helmut Leder, Raphael Rosenberg
- 6.00 pm Unfolding art experience in the museum
David Welleditsch, Marcos Nadal, Helmut Leder

Thematic session

Executive control: Error detection, conflict detection, and conflict regulation

HS 28	Chair: Marco Steinhauser
5.00 pm	Reactive cognitive control and conflict detection: ERPs reveal life-span differences during a cued task-switch paradigm <i>Daniela Czernochowski, Julia Saße, André Haese, Steffen Herff</i>
5.15 pm	Feedback novelty affects the feedback-related negativity and the feedback-P300 <i>Benjamin Ernst, Marco Steinhauser</i>
5.30 pm	Rapid evaluation of error significance during performance monitoring <i>Marco Steinhauser, Martin E. Maier, Jonas Matuschek</i>
5.45 pm	Breaking the law: Intentional errors and their behavioural consequences <i>Roland Pfister, Robert Wirth, Wilfried Kunde</i>
6.00 pm	I screwed up ... and I meant to. On committing and processing of intentional errors <i>Robert Wirth, Roland Pfister, Wilfried Kunde</i>

Symposium

Numerical cognition

HS 30	Convenor: Oliver Lindemann
5.00 pm	Number comparison versus number identification: Longitudinal predictors of growth in arithmetic in primary school <i>Silke M. Göbel, Sarah Watson, Arne O. Lervåg, Charles Hulme</i>
5.15 pm	Cognitive control in two-digit number processing – A computational modelling approach <i>Stefan Huber, Korbinian Möller, Hans-Christoph Nuerk, Klaus Willmes</i>
5.30 pm	Eliciting and measuring access to magnitude information in embodied comparisons <i>Ursula Fischer, Korbinian Möller, Friderike Class, Stefan Huber, Ulrike Cress, Hans-Christoph Nuerk</i>
5.45 pm	Bilateral unipolar tDCS modulates bilateral cognitive processes differentially <i>Elise Klein, Anne Mann, Stefan Huber, Klaus Willmes, Johannes Bloechle, Hans-Christoph Nuerk, Korbinian Möller</i>
6.00 pm	Do finger counting postures influence number processing speed in adults? <i>Elena S. Sixtus, Oliver Lindemann, Martin H. Fischer</i>
6.15 pm	How big is the forest, how big is the tree: The SNARC effect in hierarchically organized numerical stimuli <i>Guilherme Wood, Ricardo José Moura, Martina Graf, Hans-Christoph Nuerk, Klaus Willmes</i>

Symposium

Recent developments and new perspectives on effort mobilization

HS 31	Convenor: Michael Richter
5.00 pm	Processing load during speech perception in noise – insights from pupillometry <i>Adriana Zekveld, Thomas Koelewijn, Sophia Kramer</i>
5.15 pm	Do motive-situation congruencies affect effort? A response force study <i>Gerhard Rinkenauer, Rosa M. Puca</i>
5.30 pm	Resource conservation limits automatic effort mobilization <i>Guido Gendolla, Nicolas Silvestrini</i>
5.45 pm	Energy conservation effects in hand grip tasks: The impact of task difficulty on exerted muscle force <i>Michael Richter, Joséphine Stanek</i>
6.00 pm	Movement-related cortical potentials reflect perception of effort during physical tasks <i>Helma M. de Morree, Christoph Klein, Samuele M. Marcora</i>

Thematic session

Sprache

HS 32	Chair: Holger Mitterer
5.00 pm	Der „Indianer“ als „Punk“ – Dyadentranszendente Priming-Effekte <i>Marieke Behnel, Lorenz Sichelschmidt, Jan P. de Ruiter</i>
5.15 pm	Unterschiede im zeitlichen Ablauf des Turn-Takings bei auditiven und audio-visuellen Dialogen <i>Claudia Wild, Carina Groos, Annett B. Jorschick, Jan P. de Ruiter</i>
5.30 pm	Der Einfluss prosodischer und struktureller Eigenschaften auf die Antizipationsleistung bei Äußerungsenden <i>Franziska Schaller, Horst M. Müller</i>
5.45 pm	Die Rolle lexiko-syntaktischer Informationen im Turn-Taking <i>Carina Groos, Annett B. Jorschick, Jan P. de Ruiter</i>
6.00 pm	Welche Lesefehler sind spezifisch für Neglectdyslexie? Wortbenennung bei Neglectpatienten und gesunden Kontrollprobanden <i>Christiane Weinzierl, Georg Kerkhoff, Lucia van Eimeren, Ingo Keller, Prisca Steneken</i>
6.15 pm	Spezifische neuronale Signaturen kognitiver Subtypen von Entwicklungsdyslexie: Eine fMRT Studie zur phonologischen Verarbeitung bei kindlicher Leseschwäche mit und ohne phonologisches Defizit <i>Muna van Ermingen-Marbach, Marion Grande, Julia Pape-Neumann, Katharina Sass, Katrin Amunts, Stefan Heim</i>
6.30 pm	Beeinflusst das Lesen von Handlungswörtern nachfolgende motorische Reaktionen? <i>Natalie M. Trumpp, Markus Kiefer</i>

Thematic session

Consumer psychology

- | | | |
|--------------|--|-----------------------|
| HS 33 | | Chair: Claude Messner |
| 5.00 pm | When more is better: Reaping the benefits of large assortment sizes
<i>Claude Messner, Michaela Wänke</i> | |
| 5.15 pm | Mental accounting in consumer decisions: On the impact of income source on spending behavior
<i>Stephan Muehlbacher, Barbara Hartl, Erich Kirchler</i> | |
| 5.30 pm | Do endorser's unwanted attributes transfer? The importance of product use in meaning transfer
<i>Sophie Suessenbach, Bernadette Kamleitner, Szu-Han Chen</i> | |
| 5.45 pm | Pathological buying – a behavioral addiction? Response patterns of pathological buyers in a cue reactivity paradigm
<i>Patrick Trotzke, Katrin Starcke, Anya Pedersen, Matthias Brand</i> | |

Thematic session

Vision: Gestalt, colour, illusions, and experimentally induced blindness

- | | | |
|--------------|--|----------------------|
| HS 42 | | Chair: Andreas Weber |
| 5.00 pm | Dimensionality of the perceptual space of achromatic surface colors
<i>Nora Umbach, Jürgen Heller</i> | |
| 5.15 pm | Good gestalts in an enforced dissociation paradigm
<i>Filipp Schmidt, Thomas Schmidt</i> | |
| 5.30 pm | Two perceptually different processing stages of the Delboeuf illusion
<i>Andreas Weber, Philipp Schmidt</i> | |
| 5.45 pm | Distracter induced blindness effects in RSVP letter sequences
<i>Lars Michael, Michael Niedeggen</i> | |
| 6.00 pm | Can change blindness be reduced by learning?
<i>Anja Kühnel</i> | |

Wednesday, Session 1, 8.30 am – 9.45 am

Thematic session

Memory: Source memory, destination memory, encoding and consolidation

Elise Richter Saal		Chair: Isabel Lindner
8.30 am	Contribution of ease of imagery and imagery ability to confusion of source memory <i>Antonia Krefeld, Margit E. Oswald</i>	
8.45 am	Source and destination memory: Two sides of the same coin? <i>Isabel Lindner, H��lo��se Drouin, Vessela Stamenova, Annick F. Tanguay, Patrick S. Davidson</i>	
9.00 am	Did I tell you or did you tell me? An ecologically valid experiment on source and destination memory <i>Nele Fischer, Janette Schult, Melanie Steffens</i>	
9.15 am	Enhanced memory for the wolf in sheep's clothing: How general is the memory advantage for expectancy-incongruent social information? <i>Raoul Bell, Meike Kroneisen, Trang Giang, Axel Buchner</i>	
9.30 am	Nicotine facilitates memory consolidation in perceptual learning <i>Anton L. Beer, Devavrat Vartak, Mark W. Greenlee</i>	

Thematic session

Vision and cognition: Visual motion, movies

HS 7		Chair: Alexander C. Sch��tz
8.30 am	There's more behind it: Interactions of depth order and numerosity in transparent motion <i>Alexander C. Sch��tz</i>	
8.45 am	Differences in human recognition of biological motion <i>Djordje Djurica</i>	
9.00 am	Effects of environmental factors on movie perception <i>Andreas M. Baranowski, Heiko Hecht</i>	cancelled
9.15 am	Stereoscopic movies and emotional experience in primary school children. A psychophysiological study <i>Nils Backhaus, Gisela M��ller-Plath, Dieter Heyer</i>	
9.30 am	Changes in situation models modulate recognition and prediction performance in audio-visual media <i>Nathalie Mandel, Tino Meitz, Markus Huff</i>	

Symposium

Monitoring processes: A matter of personality, affective and cognitive-motivational aspects

HS 16	Convenor: Anja Leue
8.30 am	Impaired affective tagging of actions in anxiety <i>Gilles Pourtois</i>
8.45 am	Perfectionism and performance monitoring in a force-production task <i>Jutta Stahl, Manuela Acharcki, Henning Gibbons</i>
9.00 am	Electrophysiological correlates of social evaluation in interpersonal bargaining <i>Roman Osinsky, Patrick Mussel, Linda Öhrlein, Johannes Hewig</i>
9.15 am	Effort increases sensitivity to reward and loss magnitude in the human brain <i>Julien Hernandez-Lallement, Katarina Kuss, Peter Trautner, Bernd Weber, Armin Falk, Klaus Fliessbach</i>
9.30 am	Individual differences of conflict-monitoring: When cognitive demand is more important than aversive feedback <i>Anja Leue, Sebastian Lange, André Beauducel</i>

Symposium

Experimental fundamental research in psychological assessment

HS 23	Convenors: Christine Hohensinn, Klaus D. Kubinger
8.30 am	Analyses of experimental designs on fundamental research of psychological assessment – better you use sequential testing <i>Klaus D. Kubinger, Dieter Rasch</i>
8.45 am	Truth and context effects in multiple-choice items with positive and negative stem orientation <i>Frank Calio, Jochen Musch</i>
9.00 am	Does the number of elements or the position of the element to be completed influence the difficulty of pattern sequencing items? <i>Bettina Hagenmüller, Manuela Nobis, Jan Steinfeld</i>
9.15 am	On the equivalence of different response formats in reasoning tests <i>Christine Hohensinn</i>
9.30 am	Empirical option weighting increases the reliability and validity of multiple choice tests <i>Birk Diedenhofen, Jochen Musch</i>
9.45 am	Test order effects within a computer test battery in high stakes assessment: Varying objective personality tests and cognitive ability tests <i>Leonard Schuenemann, Lale Khorramdel</i>

Symposium

Social cognition: Imitation, empathy and prosocial behavior

HS 26	Convenors: Claus Lamm, Ludwig Huber
8.30 am	Consequences of being imitated <i>Marcel Brass, Lize De Coster</i>
8.45 am	Imitation, prosociality....and contingency <i>Geoffrey Bird</i>
9.00 am	Effects of motor congruency on empathy and prosocial behavior <i>Jasminka Majdandžić, Birgit Rauchbauer, Christoph Huber-Huber, Claus Lamm</i>
9.15 am	Neonatal imitation in macaques. Implications to understand the role of early experiences on brain, social and cognitive development <i>Pier Francesco Ferrari</i>
9.30 am	Physiological and behavioral correlates of emotions and empathy in dogs <i>Anjuli Barber, Ludwig Huber</i>

Thematic session

Eye movements

HS 27	Chair: Bettina Olk
8.30 am	Control of eye movements: Effects of aging, task- and response-switching <i>Bettina Olk, Yu Jin</i>
8.45 am	The impact of direct manual experience on anticipatory eye movements <i>Corina Möller, Gisa Aschersleben</i>
9.00 am	The generation of secondary (micro-)saccades in the absence of post-saccadic visual feedback <i>Sven Ohl, Stephan Brandt, Reinhold Kliegl</i>
<u>9.15 am</u>	<u>Do predictiveness effects on overt attention in contingency learning depend on the valence of the outcome?</u> <i>Florian Kattner</i>

previously: Tue, HS 7, 10.10 am

Thematic session

Executive control: Interference

HS 28	Chair: Mike Wendt
8.30 am	Congruency ratio-based modulation of early distractor processing: An ERP study of the temporal flanker task <i>Mike Wendt, Aquiles Luna-Rodriguez, Thomas Jacobsen</i>
8.45 am	Roses are osig, violets are emgu, learning is swift and Stroop is too <i>Sebastian Geukes, Dirk Vorberg, Pienie Zwitserlood</i>
9.00 am	Task sharing can change the fate of task irrelevant information: Evidence from the picture-word interference paradigm <i>Roberta Sellaro, Barbara Treccani, Roberto Cubelli</i>
9.15 am	Dissociating processes of distractor-response and distractor-target binding <i>Carina Giesen, Klaus Rothermund</i>
9.30 am	From hands to feet: Response representations in distractor-based SR retrieval <i>Christian Frings, Birte Moeller</i>

Thematic session

Numerical cognition and educational psychology

- HS 30** Chair: Anja Ischebeck
- 8.30 am Representing fractions on the mental number line? A study with Chinese college students
Yingyi Liu, Yujing Ni, Pui Kei J. Tsang
- 8.45 am Fraction comparison in the eye of the beholder
Anja Ischebeck, Marina Weilharter, Christof Körner
- 9.00 am The personalization principle in multimedia learning: The influence of dialect
Günter-Daniel Rey, Nadine Steib
- 9.15 am Inducing impaired attention within the seductive detail effect: Do already distracted learners suffer more?
Maria Wirzberger, Günter-Daniel Rey
- 9.30 am Effects of student nationality on teachers' judgments of writing performance
Carrie Kovacs

Symposium

Decision neuroscience

- HS 31** Convenor: Peter N. Mohr
- 8.30 am A neuroeconomics perspective on the "Tragedy of Commons"
Vasily Klucharev, Sandra Andraszewicz, Jörg Rieskamp
- 8.45 am Facebook use is predicted by nucleus accumbens response to gains in reputation
Dar Meshi, Carmen Morawetz, Hauke R. Heekeren
- 9.00 am The neural underpinnings of informational cascades – An fMRI study of probability updating in a social context
Rafael Huber, Vasily Klucharev, Jörg Rieskamp
- 9.15 am How culture influences social feedback processing of character traits
Christoph W. Korn, Yan Fan, Kai Zhang, Chenbo Wang, Shihui Han, Hauke R. Heekeren
- 9.30 am Neural foundations of the asymmetric dominance effect
Peter N. Mohr, Hauke R. Heekeren, Guido Biele, Jörg Rieskamp

Symposium

Valence asymmetries in fundamentals of cognition: Priming, frequency, and memory

- HS 32** Convenors: Christian Unkelbach, Roland Deutsch
- 8.30 am Valence asymmetries in evaluative priming are based on similarity differences
Juliane Burghardt
- 8.45 am A similarity-based explanation of valence asymmetries in impression formation and person memory
Christian Unkelbach
- 9.00 am Stimulus similarity explains differential memory effects for positive and negative information
Hans Alves
- 9.15 am Information valence impacts category-split effects
Alex Koch
- 9.30 am Phasic fluctuations of affect influence semantic priming
Roland Deutsch, Sascha Topolinski

Thematic session

Decision making: Applied research

- HS 33** Chair: Wolf Schwarz
- 8.30 am Measuring cognitive biases
Tamás A. Földes, Bence Bago, Bence Lukács, Aba Szöllősi, Balázs Aczál
- 8.45 am Allais-Paradox and Regret Theory in practical experiments with managers – (ir)rational behavior in the wild
Lars Klostermann
- 9.00 am Tax authorities' measures to enhance tax payments: A laboratory experiment to test the impact of coercive or legitimate power on taxpayers' compliance
Eva Hofmann, Martina Hartner-Tiefenthaler, Katharina Gangl, Erich Kirchler
- 9.15 am Compensating tendencies in penalty kick decisions of referees in professional football: Evidence from the German Bundesliga
Wolf Schwarz
- 9.30 am Ambiguous health information, treatment choice, and choice strategies
Nicolai Bodemer, Stephanie Müller, Markus Feufel

Thematic session

Decision making and judgments – Influence of representations

HS 42	Chair: Thomas Scherndl
8.30 am	What you present is what you get – the effects of presentation format on information search patterns <i>Thomas Scherndl, Anton Kühberger</i>
8.45 am	Does perceptual grouping influence the selection of decision strategies? <i>Florence Ettlin, Arndt Bröder</i>
9.00 am	Information accessibility as a boundary condition of automatic decision making <i>Anke Söllner, Arndt Bröder, Benjamin E. Hilbig</i>
9.15 am	Measuring subjective probability: The role of encoding error in scale performance <i>Niels Haase, Tilmann Betsch</i>

Wednesday, Poster session, 9.45 am – 11.20 am

Main Ceremonial Chamber

Art

- 1-W Local processing enhancements associated with superior observational drawing are due to enhanced perceptual functioning, not weak central coherence
Rebecca Chamberlain
- 2-W Exploring affective human-robot interaction with movie scenes
Michael Oehl, Nils-Torge Telle, Felix W. Siebert, Hans-Rüdiger Pfister, Rainer Höger
- 3-W Street art and modern art in matching and non-matching contexts
Nicolas Klemer, Andreas Gartus, Helmut Leder
- 4-W "Is this art or is it crap?" – Context-based categorization of ambiguous objects
Manuela Härtel, Claus-Christian Carbon

Developmental Psychology

- 5-W Who has more marbles? Estimation influences looking patterns in primary school mental arithmetics
Maria Wirth, Claudia Godau, Robert Gaschler, Peter A. Frensch, Sonja M. Hansen, Hilde Haider
- 6-W Motion impairs infant attention to colour change
Julia Taube, Barbara Schumacher, Anika Bruchhaeuser, Michael Kavšek
- 7-W Influence of age on left-hand grasping in different behavioral contexts
Benjamin Baak, Benjamin Schulze, Fabian Steinberg, Otmar Bock
- 8-W ~~Die Veränderung der Zeitwahrnehmung über die Lebensspanne~~ revised
Isabell Winkler, Tina Rudolph, Carolin Thiel
Die Macht der Lieblingsmusik: Wie Musik das Zeitempfinden beeinflusst
Isabell Winkler, Juliane Kämpfe, Falk Eidner, Stefanie Fromme
- 9-W Do children prefer stories about friendship, winning or being the boss?
Rosa M. Puca
- 10-W Effects of symbolic and nonsymbolic approximate arithmetic on commutativity knowledge
Sonja M. Hansen, Hilde Haider, Alexandra Eichler, Peter A. Frensch, Robert Gaschler, Claudia Godau
- 11-W How children and adults become familiar with perceptual item features: Development of ERP and behavioral correlates of familiarity and recollection for identical versus perceptually changed pictures
André Haese, Daniela Czernochowski

Implicit Processing

- 12-W The neural signature of intuitive semantic coherence judgments in comparison with implicit memory processing
Thea Zander, Kirsten G. Volz

- 13-W Explicit action coding modulates usage of implicit knowledge
Sarah Esser, Katharina Eberhardt, Hilde Haider

- 14-W Eye movement parameters as implicit attitude measures
Kerstin Kusch, Jens R. Helmert, Boris M. Velichkovsky

- 15-W Implicit measurements of Fremdschämen
Paul Alvarez Löblich

Motivation

- 16-W Neurostructural correlates of motivational conflict processing in social decision-making
Martin Peper, Markus Ramm, Marcus Belke, Susanne Knake, Mira-Lynn Chavanon

- 17-W Can inbreeding explain the motivation to explore?
Jana B. Jarecki, Michael Zehetleitner

Navigation

- 18-W From origin to destination – A study on structural salience of landmark
Marianne Strickrodt, Florian Röser, Kai Hamburger

- 19-W From Destination to Origin – The influence of different learning conditions and landmark positions on finding the return path
Lena E. Dienelt, Florian Röser, Kai Hamburger

- 20-W Effects of marked routes for navigation in you-are-here maps
Sarah Lukas, Victor Mittelstädt, Gabriel Olaru, Cedric Sachser, Julia Seibold, Anke Huckauf

Perception

- 21-W Transient multisensory integration of perceived duration
Maria D. De la Rosa, Karin M. Bausenhardt, Rolf Ulrich

- 22-W The “flash-lag effect” occurs in haptic perception but less pronounced than in vision
Knut Drewing, Cristiano Cellini, Lisa Scocchia

- 23-W Visuospatial dominance overrules audiotemporal dominance: Evidence from the multimodal Kappa effect
Katrina R. Quinn, Rolf Ulrich, Karin M. Bausenhardt

- 24-W Changing the context changes the clocks’ accuracy
Stefan Blaschke

- 25-W Electrophysiological and magnetoencephalographic correlates of interval timing
Tadeusz W. Kononowicz, Tilmann Sander, Hedderik van Rijn

- 26-W Information flow predicts perception
Julian Keil

- 27-W Cross-modality across space: The role of stimulus spatial-location in intermodal-competition
Amra Covic, Christian Keitel, Katja Saupe, Erich Schröger, Matthias M. Müller

- 28-W Effects of judgment type on the perceived duration of visual and auditory oddballs
Teresa Birngruber, Hannes Schröter, Rolf Ulrich

Wednesday, Poster session, 9.45 am – 11.20 am

- 29-W Early auditory emotion processing is influenced by visual context – An ERP study of face-voice perception
Jenny Kokinous, Sonja A. Kotz, Alessandro Tavano, Erich Schröger

Perception and Action

- 30-W Eye-hand coordination patterns at different learning stages of a visuo-motor transformation
Sebastian Rentsch, Miya K. Rand
- 31-W Cross-modal integration in anticipation of table tennis strokes
Matthias Bischoff

Social Psychology

- 32-W Auf den ersten Blick, wirkt die Brille schick – Der Einfluss des Tragens einer Brille auf die Notenvergabe bei mündlichen Prüfungen
Tanja E. Fuest, Thomas Fenzl
- 33-W Die zwei ‚Kulturen‘ der Psychologie. Zum Fachverständnis und zur Studienzufriedenheit von Psychologiestudierenden
Josua Handerer
- 34-W Ist Facebook wie ein (guter) Freund?
Dirk O. Mügge, Franziska Berger
- 35-W Good looking man – The influence of the color red
Vanessa L. Büchner, Markus A. Maier
- 36-W I push my seed and I push the life: Gender differences in the implicit association of sex and love after mortality salience
Lena Frischlich, Claudia Klusacek
- 37-W Blinded by rage? An investigation of the hostility bias towards ambiguous facial cues in antisocial violent offenders
Michael Schönenberg, Aiste Jusyte
- 38-W Should (s)he be handsome or rich? Sex differences in mate preferences change as a result of the experimental control of social desirability bias
Adrian Hoffmann, Jochen Musch
- 39-W Wahrnehmung sozial bedrohlicher Reize nach experimentell induziertem sozialen Ausschluss
Benjamin Iffland, Pascal Wabnitz, Frank Neuner
- 40-W Social categories influence conscious vision: Own-race and own-age biases in face detection
Albert End, Timo Stein, Philipp Sterzer
- 41-W Peculiarities of students' subjective perception of the phenomena of elite
Tatyana Mozgovaya
- 42-W Social vibrations! Rhythms as the base for the Social Simon Effect
Simon T. Merz, Nadine Nett, Jasmin Hennrichs, Laura May, Tara M. Partetzke, Jana Wachtmeister

- 43-W Context specific implicit age stereotypes in different age groups
Christiane Brück, Anna Kornadt, Klaus Rothermund

Stress

- 44-W Short-term cardiac and meridian-specific activation patterns in mental and physical stress
Sebastian Macht, Diana Henz, Wolfgang Schöllhorn
- 45-W Acute stress and advice taking
Andreas Mojzisch, Thomas Schultze, Marie Juli, Stefan Schulz-Hardt

Thinking and Reasoning

- 46-W Boundaries of thinking the opposite
Nicole Ruffieux, Corina T. Ullshöfer
- 47-W Step by step: Capturing the initial truth activation during deception
Evelyne Debey, Bruno Verschuere, Jan De Houwer
- 48-W Moving thoughts: How movement priming influences the solution in problem solving tasks
Karsten Werner, Markus Raab
- 49-W Measuring the development of mental rotation in children with the rotated Colour Cube Test (RCCT)
Nikolay Lütke, Christiane Lange-Küttner
- 50-W Religious salience and selective exposure: Thinking of god influences confirmatory information processing
Julia Niedernhuber, Peter Fischer
- 51-W Semantic intuitions in causal reasoning
Benjamin Quack, Ralf Mayrhofer, Michael R. Waldmann
- 52-W Numeracy and logical abilities in cognitive heuristics and biases
Andrea Ceschi, Ksenia Dorofeeva, Riccardo Sartori
- 53-W When does the individual master the habit, and when the habit the individual? Affect modulates habit-induced blindness
Julia S. Cada, Christof Kuhbandner, Reinhard Pekrun

Traffic Psychology

- 54-W Time headway and comfort in adaptive cruise control
Felix W. Siebert, Michael Oehl, Rainer Höger, Hans-Rüdiger Pfister
- 55-W Cross-road and longitudinal traffic accidents: Do they differ in accident causation?
Nadine Schlosser, Antonio Ernstberger, Miklós Kiss, Stefanie Weber
- 56-W Kritikalitätsbeurteilung von Folgeabständen bei verschiedenen Fahrgeschwindigkeiten – eine Untersuchung im dynamischen Fahrsimulator
Robert Tscharn, Frederik Naujoks, Alexandra Neukum
- 57-W Nutzungsbarrieren älterer Autofahrer gegenüber Fahrerassistenzsystemen
Nicole Trübswetter, Klaus Bengler

Vision

- 58-W Factors influencing visual discrimination in complex geometrical configurations
Martin Schnürch, Lena Steindorf, Martin Brandt
- 59-W Binocular disparity signals as a cue to surface gloss
Lukas F. Schäffner, Alexander A. Murry, Roland W. Fleming, Andrew E. Welchman
- 60-W The influence of ambient green on creative performance
Stephanie Lichtenfeld, Markus A. Maier, Vanessa L. Büchner, Andrew J. Elliot
- 61-W Crowding in a 3 dimensional recognition performance task: Effects of the flanker / target distance to the subject
Gabriel Yuras, Anne Koepsel, Anke Huckauf
- 62-W Viewing behavior under natural conditions: The impact of emotions
Peter König, Kai Kaspar
- 63-W Facial cues to body weight and height: A cross-ethnic study from Germany and Japan
Tobias M. Schneider, Claus-Christian Carbon, Heiko Hecht
- 64-W Are low-spatial frequencies sufficient for unaware (masked) priming of face-sex discrimination?
Shah Khalid, Ulrich Ansorge, Matthew Finkbeiner
- 65-W Within-person variability in facial attractiveness: Effects of presentation order
Juergen Goller, Heather Cursiter, Rob Jenkins, Helmut Leder
- 66-W Attractiveness, beauty, prettiness and sexual attraction as different facets of facial attractiveness
Ramona A. Luedtke, Vera M. Hesslinger, Claus-Christian Carbon
- 67-W Competitive interactions of emotional distractor faces and a foreground task at early stages of visual processing
Valeria Bekhtereva, Matt Craddock, Sonja A. Kotz, Matthias M. Müller
- 68-W Facial mimicry towards robotic and schematic faces
Nina Riether, Gernot Horstmann
- 69-W Time leaps in the filmic presentation of events influence the level of mental construal
Caroline N. Wirth, Bärbel Garsoffky, Stephan Schwan
- 70-W On possibly separate mechanisms of direct and indirect control of visual fixation duration
Jens R. Helmert, Johannes Schulz, Sven-Thomas Graupner, Sebastian Pannasch, Boris M. Velichkovsky
- 71-W Can you read my pokerface? Gender differences concerning emotional expressivity in dentophobia
Verena Leutgeb, Anne Schienle
- 72-W When context modulates visual illusions
Thorsten Plewan, Ralph Weidner

- 73-W The vista paradox and the effect of fixation
Oliver Daum, Bernhard Both, Heiko Hecht
- 74-W Experimentally induced color blindness
Michael Sprengel, Lars Michael, Michael Niedeggen
- 75-W Dynamics of saccadic responses reveal how object substitution masking interferes with reentrant processing
Sébastien M. Crouzet, Simon H. Del Pin, Morten Overgaard, Niko A. Busch
- 76-W A new German picture database: Naming and recognition latencies for a set of 520 pictures
Andreas Mädebach, Frank Oppermann, Laura Babeliowsky, Jörg D. Jescheniak
- 77-W Detection of linear ego-acceleration from optic flow
Freya Festl, Fabian Recktenwald, Chunrong Yuan, Hanspeter A. Mallot
- 78-W Investigating potential mechanisms of reduced perceived temporal duration in the retinal periphery
Ferdinand Pittino, Anke Huckauf, Katrin M. Kliegl
- 79-W Natural scene perception with increasing time-on-task: Sensitivity to fatigue?
Arpad Csatho, Dimitri van der Linden, Boroka Gacs
- 80-W The influence of the stereo base on matching task performance in virtual environments
Rebekka S. Renner, Boris M. Velichkovsky, Ralph H. Stelzer, Jens R. Helmert
- 81-W The role of peripheral and central retinal stimulation in the perception of vection: A combined behavioral and event-related potential study
Stefan Berti, Behrang Keshavarz

Work Psychology

- 82-W The influence of social network profiles on the evaluation of job applicants
Jan Sauer, Kathrin Schmid
- 83-W Empirical research of gender peculiarities of manager's professional development
Marianna Tkalych
- 84-W Humor will melt the ice! – The positive impact of humor on the likability of tough executives
Svenja Seeger, Wiebke Weidner, Kerstin Zimmermann, Janin Roessel, Dagmar Stahlberg
- 85-W Lack of usability enhances perceived risk in information-based websites
Nina Bär, Josef F. Krems

Wednesday, Keynote lecture, 11.20 am – 12.30 pm

Wednesday, Keynote lecture, 11.20 am – 12.30 pm

Audimax

11.20 am Comparative cognition: Challenging the anthropocentric view of imitation
Ludwig Huber

Wednesday, Session 2, 2.00 pm – 3.30 pm

Thematic session

Working memory: Visual working memory and retro-cueing

- | | |
|---------------------------|--|
| Elise Richter Saal | Chair: Patrick H. Khader |
| 2.00 pm | Attending to items and sets in working memory: How do retro-cues improve memory retrieval?
<i>Alessandra D. Souza, Laura Hein, Klaus Oberauer</i> |
| 2.15 pm | Does the retro-cue benefit in visual working memory survive distraction of the focus of attention?
<i>Laura Hein, Klaus Oberauer</i> |
| 2.30 pm | Modeling interference in visual-working memory
<i>Hsuan-Yu Lin, Klaus Oberauer</i> |
| 2.45 pm | Neural correlates of the integration of object features in visual working memory
<i>Patrick H. Khader, Anna C. Seemüller, Erik M. Mueller, Frank Rösler</i> |
| 3.00 pm | Do pictures help to memorize? Measuring working memory in everyday life with different presentation forms
<i>Matthias Kempe, Michael Kalicinski, Daniel Memmert, Otmar Bock</i> |

Symposium

Endogenous and exogenous influences on interval timing

- | | |
|-------------|---|
| HS 7 | Convenors: Sophie K. Herbst, Hedderik van Rijn, Chair: Rolf Ulrich |
| 2.00 pm | The influence of overt and covert shifts of spatial attention on interval timing
<i>Trevor B. Penney, Yan Ling Leow, Esther Wu, Xiaoqin Cheng, Shih Cheng Yen</i> |
| 2.15 pm | Orienting attention to the variable comparison stimulus attenuates the detrimental effect of stimulus order on discrimination performance
<i>Oliver Dyjas, Karin M. Bausenhardt, Rolf Ulrich</i> |
| 2.30 pm | Reducing reproduction bias by integrating sensory feedback signal
<i>Stephanie Ganzenmüller, Zhuanghua Shi, Hermann J. Müller</i> |
| 2.45 pm | Contextual effects on time estimation in dual-task performance
<i>Daniel Bratzke</i> |
| 3.00 pm | The influence of flicker frequency on perceived duration
<i>Sophie K. Herbst, Amir H. Javadi, Niko A. Busch</i> |
| 3.15 pm | Attentional sharing does not affect interval timing, but the secondary task does
<i>Hedderik van Rijn, Tadeusz W. Kononowicz</i> |
| 3.30 pm | Discussion
<i>Warren H. Meck</i> |

Symposium

Olfaction in everyday life: Chemosensory communication, social learning and olfactory disorders

HS 16	Convenors: Christian Dobel, Katrin T. Lübke
2.00 pm	Introduction to olfaction in everyday life: Chemosensory communication, social learning and olfactory disorders <i>Christian Dobel, Katrin T. Lübke</i>
2.15 pm	Structural brain alterations in olfactory disorders <i>Thomas Bitter, Hartmut P. Burmeister, Hilmar Gudziol, Orlando Guntinas-Lichius</i>
2.30 pm	Sexual orientation affects the perception of human body odors <i>Katrin T. Lübke, Bettina M. Pause</i>
2.45 pm	Chemosensory anxiety signals and emotion regulation – an ERP study <i>Lukas Meister, Dirk Adolph, Bettina M. Pause</i>
<u>3.00 pm</u>	<u>Olfactory conditioning as a powerful method to investigate emotional processing – cognitive and neurophysiological mechanisms</u> previously: <i>Christian Dobel, Isabelle Klinkenberg, Markus Junghöfer</i> Tue, HS 32, 2.20 pm
3.15 pm	Discussion <i>Christian Dobel, Katrin T. Lübke</i>

Thematic session

Work psychology

HS 23	Chair: Irina Bondarevskaya
2.00 pm	Temporal changes in anticipated user experience and usability evaluation of mobil applications <i>Marlene Vogel, Julian Huber, Stefan Brandenburg, Manfred Thüring</i>
2.15 pm	Intuitive use of human-machine-interfaces: A comparative study of children and adults <i>Katharina Sachse, Stefan Brandenburg</i>
2.30 pm	Motivation to succeed / avoid failure connection with team role among economists and engineers of production enterprise <i>Irina Bondarevskaya, Alina Bezditko</i>
2.45 pm	Repetitive tasks, mental strain and performance <i>Jan A. Häusser, Stefan Schulz-Hardt, Thomas Schultze, Anne Tomaschek, Andreas Mojzisch</i>

Thematic session

Social psychology: Social interaction, group representations, and group relations

HS 26	Chair: Eva-Maria Seidel
2.00 pm	Social interaction divergently affects testosterone and progesterone <i>Eva-Maria Seidel, Giorgia Silani, Hannah Metzler, Hannah Thaler, Claus Lamm, Ruben C. Gur, Ilse Kryspin-Exner, Christian Windischberger, Ewald Moser, Ute Habel, Birgit Derntl</i>
2.15 pm	Imagined intergroup contact leads to intergroup contact-seeking behavior <i>Dieta Kuchenbrandt, Friederike Eyssel, Benjamin Reichelt, Dominic Bortz, Mira Adrian</i>
2.30 pm	Evaluative consequences of selective attention: Distractor devaluation effects hold for ignored outgroup but not ignored ingroup members <i>Torsten Martiny-Huenger, Peter M. Gollwitzer, Gabriele Oettingen</i>
2.45 pm	No evidence for age categorization based on out-group defining facial features <i>Holger Wiese, Stefan R. Schweinberger</i>

Thematic session

Wahrnehmung

HS 27	Chair: Ulrich Ansorge
2.00 pm	Der Einfluss farbigen Umgebungslichts auf das wahrgenommene Aroma von Wein <i>Felicitas Klöckner-Nowotny, Daniel Oberfeld-Twistel, Heiko Hecht</i>
2.15 pm	Zeitabhängige und zeitinvariante Aspekte des Blickverhaltens auf komplexen Szenen <i>Kai Kaspar, Peter König</i>
2.30 pm	Was die Welt in unserem Innersten zusammenhält: Experimentelle Untersuchungen zur multisensorischen Objektwahrnehmung und ihrer Plastizität cancelled <i>Marcus J. Naumer</i>
2.30 pm	<u>Pupillometrie zur Messung der mentalen Fahrerbeanspruchung</u> new <i>Carsten Dlugosch, Antonia S. Conti, Klaus Bengler</i> For abstract see Addendum: Additional abstracts
2.45 pm	Darstellung dynamischer Systeme – die Wirkung multimedialer Simulationen auf die Performanz in Stock-Flow-Aufgabe <i>Marcus A. Schwarz, Peter Sedlmeier</i>
3.00 pm	Stock-Flow-Systeme verstehen: Wie hilfreich ist eine Veränderung der Darstellung von Flussgrößen? <i>Friederike Brockhaus, Peter Sedlmeier</i>

Thematic session

Executive control: Dynamics of stimulus representations and task-set representations

HS 28	Chair: Dorit Wenke
2.00 pm	Ignoring relevant and irrelevant stimuli: Attending to one additional stimulus prevents the integration of another additional stimulus into event files <i>Birte Moeller, Christian Frings</i>
2.15 pm	SNARC struggles – instant adjustments of spatial-numerical associations <i>Philipp A. Schroeder, Roland Pfister, Wilfried Kunde</i>
2.30 pm	Task rules prevent binding between irrelevant auditory stimulus features and response <i>Johanna Egetemeir, Hedwig Eisenbarth, Steffen Landgraf, Gesine Dreisbach</i>
2.45 pm	Something in the way she moves – The dynamics of self-control in action execution <i>David Dignath, Roland Pfister, Andreas Eder, Andrea Kiesel, Wilfried Kunde</i>
3.00 pm	Forest or trees? The role of attention in re-representing instructed tasks <i>Dorit Wenke, Nicolas W. Schuck, Robert Gaschler</i>

Symposium

Spatial-ability interventions: New approaches and explanations

HS 30	Convenors: Ingrid Koller, Judith Glück
2.00 pm	Mental rotation training for elementary school children <i>Eva Neidhardt, Bianca Goldschmidt, Josefine Ingber</i>
2.15 pm	The influence of stereotype threat and stereotype lift on fourth graders' mental-rotation performance <i>Claudia Quaiser-Pohl, Vera Ruthsatz, Petra Jansen, Sarah Neuburger</i>
2.30 pm	Sex differences in neural efficiency when working on visuo-spatial tasks: Are they caused by the stereotype threat effect? <i>Beate Dunst, Mathias Benedek, Sabine Bergner, Ursula Athenstaedt, Aljoscha Neubauer</i>
2.45 pm	Listening to Tomatis' audio therapy: An effect study on spatial ability <i>Anne Milatz, Georg Gittler</i>
3.00 pm	Training spatial ability in augmented reality: Evaluation of a three-dimensional spatial test including a strategy training <i>Ingrid Koller, Sabine Strauß, Irene Straßer, Hannes Kaufmann, Mathis Csisinko, Michael Mehling, Annette Mossel, Judith Glück</i>
3.15 pm	Discussion <i>Judith Glück</i>

Thematic session

Judgments: Moral judgments and norms

- HS 31** Chair: Nadine Fleischhut
- 2.00 pm Moral judgments under uncertainty
Nadine Fleischhut, Gerd Gigerenzer
- 2.15 pm The role of norms in causal judgment
Jana Samland, Michael R. Waldmann
- 2.30 pm Gender effects on trial: Do women focus on the context of a crime more than men?
Deborah F. Thoben, Jens H. Hellmann
- 2.45 pm Judgments of helping obligations in a shrinking world
Jonas Nagel, Michael R. Waldmann

Symposium

Literacy and its effects on cognitive processing

- HS 32** Convenor: Falk Huettig
- 2.00 pm Cognitive and neural correlates of illiteracy: Evidence from a sample of German functional illiterates
Jascha Riisseler, Melanie Boltzmann, Thomas Münte
- 2.15 pm Learning to read hooks up visual analytical skills with grapheme-phoneme-mapping: Evidence from illiterates
Thomas Lachmann, Gunjan Khera, Cees van Leeuwen
- 2.30 pm Phonemic and syllabic awareness of adult literates and illiterates in an indian alphasyllabic language
Falk Huettig, Ramesh Mishra, Uttam Kumar, Jay P. Singh, Anupam Guleria, Vivek Tripathi
- 2.45 pm Modelling the effect of literacy on multimodal interactions during spoken language processing in the visual world
Alastair Smith, Padraic Monaghan, Falk Huettig
- 3.00 pm Reading ability predicts anticipatory language processing in 8 year olds
Nivedita Mani, Falk Huettig
- 3.15 pm Discussion

Symposium

Cognitive modeling in judgment and decision making

- HS 33** Convenors: Mirjam A. Jenny, Janina A. Hoffmann, Chair: Arndt Bröder
- 2.00 pm Modeling bayesian inference judgments
Nathaniel Phillips, Stefan M. Herzog, Ralph Hertwig
- 2.15 pm How irrelevant information affects people's probability judgments
Mirjam A. Jenny, Jörg Rieskamp, Håkan Nilsson
- 2.30 pm Why the pain of losing outweighs the joy of winning: The role of probability weighting in risky choice
Thorsten Pachur, David Kellen
- 2.45 pm The contribution of memory abilities to rule-based and exemplar-based judgments
Janina A. Hoffmann, Bettina von Helversen, Jörg Rieskamp
- 3.00 pm Modeling learning in a parallel constraint satisfaction network model
Marc Jekel, Andreas Glöckner, Arndt Bröder
- 3.15 pm Discussion
Arndt Bröder

Thematic session

Stress

- HS 42** Chair: Stefanie Schuch
- 2.00 pm Gender differences in the neural correlates of stress reactions
Lydia Kogler, Ruben C. Gur, Birgit Derntl
- 2.15 pm The effects of psychosocial stress on selective attention: Investigating negative priming
Stefanie Schuch, Iring Koch
- 2.30 pm The flexible regulation of cognitive control in dual-task performance in conditions of acute psychosocial stress
Susann Schade, Rico Fischer, Clemens Kirschbaum, Franziska Plessow
- 2.45 pm Experimental evidence on the interplay of social support and social identity
Johanna Frisch, Jan A. Häusser, Rolf van Dick, Andreas Mojzisch

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