Program

of the 57th Conference of Experimental Psychologists
TeaP 2015

Hildesheim, Germany

March 8 – 11, 2015

organized by
Christina Bermeitinger, Andreas Mojzisch, & Werner Greve
Welcome address of the Dean

Dear colleagues,

On behalf of the Faculty for Educational and Social Sciences it is my honour and my pleasure to welcome the TeaP to Hildesheim. The university in general and the faculty in particular greatly appreciate the Institute of Psychology’s initiative to invite the TeaP to Hildesheim. This is an important developmental step for the Institute of Psychology and thus for the entire university. During the last decade, the Institute for Psychology has grown remarkably. Starting with seven colleagues (including two professors) in 2001, the institute now has seven subdisciplinary sections (seven professorships and almost 40 scientific team members). As a result of this development, the BSc was established in 2003 and the MSc in 2006, which in turn furthered the growth of the institute. Today, more than 300 students of psychology are enrolled at the university.

Of course, experimental psychology has always been a cornerstone of the identity of the discipline and thus of the Institute of Psychology as well. The first psychological laboratory was established in the early 1990s. Today, the institute has three experimental lab centers (cognitive psychology, neuropsychology, and social psychology), and every section of the institute runs experimental studies on a regular basis (I dare say, even developmental psychologists are doing experiments these days).

Given this background, I believe the University of Hildesheim is a perfect location to host the TeaP. As the dean of the faculty, I would like to thank in particular my colleagues Prof. Christina Bermeitinger and Prof. Andreas Mojzisch for taking the responsibility for organising the conference. The faculty and the institute are happy to welcome this time–honoured and important conference in Hildesheim. Throughout more than half of a century, it has been and continues to be one of the most influential and vivid meeting points of the discipline, uniting continuity and change, encouraging and converging diversity, and inviting innovation.

On behalf of the university, of the faculty, and of the institute, I would like to express our appreciation of your attendance. We hope this conference will provide many opportunities for cooperation and the exchange of ideas, and we really look forward to inspiring discussions of projects, proposals – and objections.

Thank you very much for joining us in Hildesheim.

Werner Greve
Dean of the Faculty for Educational and Social Sciences
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General information

Welcome

Welcome to the 57th Conference of Experimental Psychologists (Tagung experimentell arbeitender Psychologen, TeaP) which, for the first time, is located in Hildesheim. In 2015 Hildesheim, as well as the Bistum (diocese) Hildesheim, are celebrating their 1,200 year anniversaries. The motto of the Bistum’s anniversary is “Ein heiliges Experiment” (a holy experiment). When presenting this motto, bishop Norbert Trelle explained: “We experiment. And in the same manner as with each real experiment, the outcome is open: Much is successful and much is not. It is a process of joint learning”.

In this sense, “Ein heiliges Experiment” is also a great motto for the TeaP 2015. Just 11 months ago Hildesheim was not on the radar when it came to the question who could organize the next TeaP. The University of Hildesheim is a rather young and rather small university compared to the large and time-honored universities where the latest TeaPs were hosted (2014: Gießen; 2013: Wien; 2012: Mannheim...). It is not widely known that Hildesheim has a university and even an Institute for Psychology. Additionally, there were large construction projects at the main campus of the university – where the conference venue is – as well as at the Domäne Marienburg – where the conference dinner takes place – which were finished just recently.

Thus, it was indeed an ambitious experiment whether it might be possible to host the largest conference for experimental psychology in the German speaking countries. And now, the TeaP 2015 is here in Hildesheim. We are very honored and happy that you have come to us, and that we can welcome you. Thank you so much for taking part in “our experiment” by contributing to the 57th TeaP.

In 2015, the TeaP has three keynote lectures, 25 symposia, two poster sessions, and 33 thematic group sessions. Additionally, we have dared to try out something new (quite in line with the “holy experiment” motto) with three “No–Data–Sessions” in which PhD students present their research ideas, hypotheses, or designs without having already collected any data. We are happy to welcome participants from more than 15 countries who will present their research in 375 oral presentations and on 158 posters.

We wish all participants significant results from “our experiment”, fruitful exchange with colleagues, inspiring contributions, and a pleasant stay in the 1,200 year old (at least) Hildesheim.

Christina Bermeitinger, Andreas Mojsisch, & Werner Greve
Organizers
Host
University of Hildesheim
Universitätsplatz 1
31141 Hildesheim

Organizing committee
Christina Bermeitinger, Andreas Mojzisch, & Werner Greve
University of Hildesheim, Institute for Psychology

Reviewers/Program committee
Pamela Baess, Christina Bermeitinger, Anne Brodführer, Ryan Hackländer, Clara Hellweg, Sabine Hellmers, Cathleen Kappes, Claudia Mähler, Andreas Mojzisch, Sophia Rossig, Petra Sandhagen, Tamara Thomsen

Support
Marlene Gertz (head of conference office and main conference organizational support), Thomas Gerle (web and conference system: technical support), Peter Weiland (ZPID, web support), Viktoria Meyer (sponsoring), Martina Lenz-Ziegenbein (organizational support), Svenja Schwarck (program layout), Monika Sinner & Dennis Mertens (finances), Julia Hackländer (maps), Marion Baron (employment contracts and ordering: secretary), Margitta Pappenmeier (secretary), Hanni Borchert (conference dinner), Anke Lehrke (rooms), Hausdienst and Dezernat 4 of the University of Hildesheim

We would like to express a special and warm thank-you to our student assistants, graduate and undergraduate students, Ph. D. students, and postdocs for their support before and during the conference.

Conference venue
The conference will be held in the main buildings of the University of Hildesheim, which are located on the ‘Marienburger Höhe’ campus, just outside the city center.

The oral sessions take place in buildings E, G, H, I, J, and K. The poster sessions take place on the first floor of buildings G, H, and I. The three keynote lectures, as well as the official welcome address, are held in the Audimax (building A).

How to get there
By car
Via A 7
Coming from Hannover, Kassel, Dortmund, Hamburg, etc.:
Leave the highway at exit ‘Hildesheim’ (No. 62). Follow the B1 to Hildesheim–Zentrum to the roundabout. Exit the roundabout at the third exit to Goslar (B6). At the next intersection go straight (do not turn left following the B6). Follow the signs ‘Marienburger Höhe’ or ‘Universität’.

Parking:

There are two parking lots close to the University:
• Tilsiter Straße
This parking lot is right next to the campus. When you come from the city center to the University, stay on Marienburger Straße. You will go slightly uphill just before you see the University and a supermarket called ‘EDEKA’ on the left. Stay on the main road for another 200 meters then turn left onto Allensteiner Straße and left again onto Tilsiter Straße. The University’s parking lot is then on your right hand side.

- Bezirkssportanlage Marienburger Höhe
After you have seen the University and the supermarket (EDEKA) to your left, stay on Marienburger Straße for 700 meters. Then you will see the parking lot to your left.

By train
You can get to Hildesheim by ICE or regional traffic. From Hannover there are two trains per hour (RE or S3 or S4). A ticket from Hannover to Hildesheim currently costs EUR 8.

Local buses / public transportation
The University can be reached quickly by local buses or by taxi.
From Hildesheim Main Station you can take the bus number 3 to “Marienburger Höhe/Itzum”. Get off at the station ‘Universität’. It takes about 10–15 minutes.
From the city center (Schuhstraße) you can take the bus number 4 to ‘Itzum’. Get off at the station ‘Universität’. It takes about 10 minutes.
In the evening/night, the bus number 104 travels between the University and the city center.
You may find the departure times of the buses for travels from the University to the city center or main station on pages 21–23.

The conference fee includes a ticket for the local buses. You may use the conference name badge as ticket for public transportation on local buses. The ticket is valid from March 8th to 11th for all buses of the SVHI (http://www.stadtverkehr-hildesheim.de/cms/Liniennetze/Liniennetze.html). Additionally, you can use the “Bahn App” or www.efa.de for electronic schedule information.

Please show your ticket (i.e., conference badge) when entering the bus.

We have organized some additional travels especially for TeaP guests. You find the road–map for all additional travels to and from the University, as well as to and from the Domäne Marienburg (where the conference dinner takes place), on pages 24.

By Coach (Reisebus)
Hildesheim is reachable via the coaches meinfernbus and flixbus from all directions (e.g. Berlin, Frankfurt am Main, Hamburg, München, Zürich, Luxemburg, Basel). Busses from both companies arrive at Hindenburg Platz/ Goslarsche Straße 71 (city center).
To get to the University you can take the bus number 3 to “Marienburger Höhe/Itzum” and exit at the station ‘Universität’.

By air
The closest International Airport is in Hannover.
Take the S5 to Hannover Main Station where you have to change to the S3, S4 or a RE to Hildesheim. A ticket from Hannover airport to Hildesheim currently costs about EUR 11.30 per person.

There are also buses from the Hannover Airport to Hannover Main Station. If you take the bus, you will have to buy two tickets, one for the bus and one for the train.
Conference office
The conference office is located in Room 1 010 (building I) on the ground floor, just on the left hand side behind the main conference entrance, from Monday to Wednesday.

Opening hours:
Sunday, 18:30 – 21:00 (at the Ratskeller „König von Bayern“ during the welcome reception)
Monday, 08:00 – 19:00
Tuesday, 08:00 – 19:00
Wednesday, 08:00 – 17:30

If you are already registered for the TeaP 2015, you get your conference documents in the conference office. You may also register “on-site” for the TeaP 2015. Please note that only cash payments are accepted.

The registration fee for cash pay during the conference is:
- regular fee: 120 EUR
- regular student fee (requires a valid student ID): 60 EUR
- conference dinner: 37 EUR
- abstract book: 10 EUR

Conference name badge
The conference badge with your name and affiliation entitles you to participate in all parts of the conference, except for the conference dinner. Please wear it visibly throughout your visit. The conference badge is also a travel ticket for the local buses of the SVI (Local buses / public transportation).

Should you misplace your badge, please consult the conference office.

Certificate of attendance and invoice
Each participant gets a certificate of attendance as well as an official invoice with the conference documents.

Abstract book
Each participant gets the abstract book in a digital version on the USB stick included in the conference materials. A printed version of the abstract book is only included if you have chosen this option during the registration process and if you have paid for it (10 EUR).

Child care
Please do not hesitate to bring your children with you to Hildesheim.
The day-care center „Rasselbande“ is part of the Studentenwerk OstNiedersachsen. Its branch “Flexi” is right next to the main campus of the university (see page 17). This is where the child care will take place.

If you are interested, we need your response by February 2nd. Please send us an email including the age of your child.

You can buy vouchers for the child care at the conference office. Before bringing your child to the daycare center, please come to the conference office. There you will be provided with further information and can purchase the voucher. Costs: 5 Euro per hour per child.
Coffee breaks
During the coffee breaks, free coffee, tea, refreshments, and small snacks are provided at several locations in the conference building, especially on the first floor near lecture room H1.

Internet access
Participants are provided with a login and a password for WiFi use with their conference materials. The account will be valid for the duration of the conference. WiFi is available in most rooms of the conference. If you have any problems logging into the wireless network, our technical staff will be more than happy to assist you.

You can also use eduroam (DFN-roaming). Eduroam is a secure, world-wide roaming access service developed for the international research and education community. It provides you an easy and secure network access, when visiting an institution other than your own by simply opening your laptop. Authentication is performed by your home institution, using the same credentials as when you access the network locally. You do not have to pay for using Eduroam.

Additionally, there will also be some computer terminals with internet access available for you to use. Please ask the staff in the conference office.

Lunch
Near the conference venue, there are only a few options for lunch. Please have a look at pages 13 and 17 where you can find the nearest options for lunch (numbers 1–6).

One voucher for the mensa is included within your conference documents. You may use this voucher on any day of the conference. Additionally, you can buy further mensa vouchers (price for one voucher: 6 EUR) in the conference office.

The voucher includes one starter (soup or salad of your choice), one main course (one of two different meat courses or the vegetarian course of your choice with side dishes), and one dessert.

You may find the meal plan within your conference bag. The mensa is open each day from 11:30 to 14:00. Please do not arrive any later than 13:00. The daily menu for each conference day is on page 125.

Pharmacy
The nearest pharmacy is located on Marienburger Platz 15, 31141 Hildesheim (0049 5121 840 44, open: Mon, Tue, Thurs, Fri: 8:00–13:00 & 15:00–18:30, Wed, Sat: 8:00–13:00). The location of the pharmacy can be found on the map on page 17.

Phone numbers
Conference office: 0049 5121 883 10954
Taxi: 0049 5121 55 5 55

Emergency number: 112
Police: 110
Emergency medical service: 116 117
Prices and tips
Menu prices usually include service and taxes. In restaurants, a tip of approximately 5–10% is appreciated.

Smoking
Due to the non-smoking policy in public buildings, smoking is prohibited in all conference venues. There are some smoking areas in the front of the main buildings where the conference is located.

TeaP assistants
If you have any questions, please consult one of the TeaP assistants who wear brown t-shirts with the TeaP logo.

USB stick
Each participant gets one USB stick with digital versions of the abstract book and the program. You can use the USB stick as bottle opener.

Wardrobe
There will be an unguarded wardrobe in Room H 010 (ground floor) during the conference. On Wednesday, this room will also serve as a guarded luggage room. If you need help with your luggage on another day, please ask the staff in the conference office.

Wheelchair users
Unfortunately, the campus of the University of Hildesheim can be challenging. To facilitate your access and for any other question, please do not hesitate to call the conference office (0049 5121 883 10954).

Dogs
According to the University’s “House rules”, dogs are not permitted in the lecture rooms (except guide dogs). All dogs must be leashed and under control across the entire campus.
Food & Drinks (a selection)

Prices: € main dishes < 10 € | €€ main dishes 10 – 20 € | €€ main dishes > 20 €

Near or on the University campus (see also page 17):

1 Café Am Campus (international, also vegan) €
Marienburger Platz 22 | 31141 Hildesheim | phone: +49 5121 297 999
opening hours: during TeaP: 9:00 – 18:00

2 PaXino (Italian) €–€€
Marienburger Platz 8 | 31141 Hildesheim | phone: +49 (0) 5121 80 99 91
opening hours: 08:30 – 22:00

3 Südklause (German) €–€€
Marienburger Platz 8 | 31141 Hildesheim | phone: +49 5121 83628
opening hours: 11:00 – 24:00 (closed on Monday)

4 Terra Verde (Health Food Shop with Café) €
Marienburger Straße 95 | 31141 Hildesheim | phone: +49 5121 695014
opening hours: Mo. – Fr. 08:30 – 18:30

5 Mandarin am großen Saatner (Chinese) €–€€
Großer Saatner 13 | 31141 Hildesheim | phone: +49 5121 84040
opening hours: 12:00 – 15:00 // 17:30 – 22:30

6 Mensa Universität Hildesheim (international) €
Marienburger Platz 22 | 31141 Hildesheim | phone: +49 5121 82022
opening hours: 11:30 – 14:00
(See also page 11: Please do not arrive any later than 13:00. One voucher for the mensa is included within your your conference documents. Please buy further vouchers for the mensa in the conference office. Daily menu see page 125.)

EDEKA (groceries) €
Marienburger Platz 20 | 31141 Hildesheim
opening hours: 08:00 – 21:00

Stadtbäckerei Café Engelke (bakery at the EDEKA) €
Marienburgerplatz 20 | 31141 Hildesheim
opening hours: 08:00 – 21:00
Within walking distance (5 – 10 minutes):

Akropolis (Greek)  €–€€
Marienburger Straße 90B | 31141 Hildesheim | phone: +49 512181848
opening hours: 17:00 – 20:45 (closed on Tuesday)

Paprika Hähnchen Marienburger Höhe (Chicken)  €
Scharnhorststr. 50 | 31141 Hildesheim | phone: +49 5121 8 26 10
opening hours: 15:00 – 23:00

McMillennium (doner & more)  €
Marienburger Straße 134 | 31141 Hildesheim | phone: +49 5121/2841688
opening hours: 12:00 – 22:30

Bistro Best (doner & more)  €
Marienburger Straße 70 | 31141 Hildesheim | phone: +49 5121 9820205
opening hours: 12:00 – 22:30

Bäckerei Mierisch (Bakery)  €
Scharnhorststraße 1 | 31141 Hildesheim |
opening hours: 06:00 – 13:00 // 15:00 – 18:00

„a little down the road“ (approx. 30 minutes walking, on the Domäne Marienburg)

Hofcafé Domäne (cakes & pies)  €
Domänenstraße 3 | 31141 Hildesheim | phone: +49 5121 261601
opening hours: 12:00 – 18:00 (closed on Monday)

City center / in the evening:

Noah (International)  €€–€€€
Hohnsen 28 | 31134 Hildesheim | phone: +49 5121 – 69 15 30
opening hours: 9:30 – 22:00

Nil im Museum (International)  €€
Am Steine 1 | 31134 Hildesheim | phone: +49 51 21 / 40 85 95
opening hours: Mondays 17:00 – 24:00 // Tues – Sun: 11:30 – 24:00

Knochenhauer Amtshaus (German)  €€
Markt 7 | 31134 Hildesheim | phone: +49 5121 – 2 88 99 – 09
opening hours: 9:00 – 23:00
Gildehaus (International) €€ - €€€
Markt 4 | 31134 Hildesheim | phone: +49 5121 300–620
opening hours: 6:30 – 23:00 (kitchen open: 12:00 – 23:00)

Ratskeller (German/Bavarian) €€
Markt 1 | 31134 Hildesheim | phone: +49 5121 174565
opening hours: 17:30 – open end

Die alte Münze (Italian) €€
Andreasplatz 16 | 31134 Hildesheim | phone: +49 5121 132901
opening hours: 12:00 – 15:00 // 18:00 – 22:00

Amadeus (International) € - €€
Marktstraße 17 | 31134 Hildesheim | phone: +49 5121 69816060
opening hours: 11:00 – 00:30

Desseo (International) € - €€
Hindenburgplatz 3 | 31134 Hildesheim | phone: +49 5121 39927
opening hours: 08:00 – 01:00

Vapiano (Italian) € - €€
Arnekenstraße 3 | 31134 Hildesheim | phone: +49 5121 9973110
opening hours: 10:00 – 00:00

Goldmarie (International) € - €€
Kläperhagen 6 | 31134 Hildesheim | phone: +49 5121 1773630
opening hours: 17:00 – 00:00 (closed on Monday)

La Gondola (Italian) € - €€
Osterstraße 41 | 31134 Hildesheim | phone: +49 5121 133282
opening hours: 12:00 – 14:30 // 18:00 – 23:00 (closed on Monday)

Schlegels Weinstuben (German) €€ - €€€
Am Steine 4 – 6 | 31134 Hildesheim | phone: +49 5121 33133
opening hours: 17:00 – 23:00 (closed on Sunday)

Gasthaus im Brühl (German/Regional) € - €€
Brühl 31 | 31134 Hildesheim | phone: +49 5121 1744534
opening hours: 11:30 – 14:30 // 17:00 – 22:00 (closed on Monday & Tuesday)

Café Die Insel (German) €€
Dammstraße 30 | 31134 Hildesheim | phone: +49 5121 14535
opening hours: 11:00 – 14:00 // 18:00 – 22:00 // Sunday: 11:00 – 14:00 (closed on Monday)
The tradition of Teacher Education in Hildesheim goes back to the 20th century
- 1946: beginning as “the Alfeld lecture courses of Hildesheim Teacher Training College”
- 1978: The Hildesheim Teacher Training College, meanwhile part of the Lower Saxony Teacher Training College, becomes a university in its own right: diversification meant the development and founding of new faculties outside of Teacher Training
- 1989: The University of Hildesheim is officially entitled to full university status
- 2003: The University of Hildesheim Foundation is established
- Today: Four faculties (1: Educational and Social Science; 2: Cultural Studies and Aesthetic Communication; 3: Communication and Information Science; 4: Mathematics, Natural Sciences, Economics and Informatics), more than 7,000 students, more than 90 professors
Conference venue, first floor
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Fahrzeiten und Anschlüsse ohne Gewähr

Infos zu E-Fahrten an Schultagen entnehmen Sie bitte unserem Taschenfahrplan

SVHI Stadtverkehr Hildesheim GmbH
Hermann-Roemer-Straße 4, 31137 Hildesheim
Infotline 05121/66666
www.svhi-hildesheim.de

Die Abfahrten der Abendlinien entnehmen Sie bitte den gesonderten Fahrplänen!
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Fahrzeiten und Anschlüsse ohne Gewähr

Infos zu E-Fahrten an Schultagen entnehmen Sie bitte unserem Taschenfahrplan

SVHI Stadtverkehr Hildesheim GmbH
Hermann-Roemer-Straße 4, 31137 Hildesheim
Infohotline 05121/66666
www.svhi-hildesheim.de

Die Abfahrten der Abendlinien entnehmen Sie bitte den gesonderten Fahrplänen!
## Abendliniennetz

### Bockfeld

**Haltestelle: Universität**

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**Fahrzeiten und Anschlüsse ohne Gewähr**

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* ****: fährt bis Koken-Hof
* FR: fährt nur in der Nacht von Freitag auf Samstag
* MD: fährt Montag bis Donnerstag bis Koken Hof
Information for presenters

Language of presentations
The official conference language is English, but submissions in German are also welcome. To avoid possible confusion, the actual language of oral presentations and posters must conform to the language of the abstract and the title of the talk that was accepted for presentation.

Symposia and talk sessions
Symposium conveners and session chairs are asked to strictly adhere 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 conveners and session chairs should feel free to use the number displays on the last pages of the conference program to inform the speaker about the remaining minutes.

Oral presentations in symposia or talks 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. Computers for MS 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 or 2010 for Windows. It is recommended to use standard fonts for preparing the presentations to minimize the risk of distorted layout. If you need any particular additional equipment, please let us know in advance by contacting teap2015@uni-hildesheim.de.

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

Presentations in No-Data-Sessions (in German)
Auf der TeaP 2015 gibt es ein neues Session-Format, das sich vor allem an Doktorandinnen und Doktoranden richtet, die noch keine experimentellen Daten haben, aber gerne eine Forschungsidee, eine Hypothese oder auch ein konkretes experimentelles Design vorstellen und diskutieren möchten. In jeder Session stehen zwei bis drei Expertinnen und Experten für die Diskussion der Beiträge zur Verfügung. Die Beiträge werden in deutscher Sprache präsentiert.

Es wird drei „No-Data-Sessions“ geben. Jeder Beitrag soll in etwa 10 Minuten vorgestellt und anschließend 10 Minuten lang diskutiert werden.

Chairs
Thank you very much for chairing one of the talk sessions.

Please arrive at least 15 minutes before the start of your session. Inform your speakers that you are chairing the session and about the method you will use to notify them when they are nearing their time limit and how you will interrupt them at the end of their allotted time. You should feel free to use the number displays on the last pages of the conference program to inform the speaker about the remaining minutes. 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. You should guide the (short) discussion and ask for questions and annotations. Keep an eye on the time in order to meet the schedule.

Please start the session on time. For each presentation, announce the speakers (and co-authors) and the title of their presentation. If any problems arise that you are unable to handle while continuing to chair the session, immediately contact with the technical assistants of your lecture room.

Posters
When designing your poster, please bear in mind that your poster should not be larger than DIN A0 portrait format (84.1 x 118.9 cm).

There will be two poster sessions. The sessions take place on the first floor of buildings G, H, I, J from 15:00 to 17:00 on Monday and Tuesday. The number of each poster within each session can be found in the program. The number of each poster within each session can be found in the program. The number of your poster has a letter at its beginning indicating whether it is scheduled for Monday (e.g., M-25) or Tuesday (e.g., T-13). Please put your posters up in the morning, thus making it possible for interested colleagues to view them all day. Pins are available at each movable wall. 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

Invited keynote lectures
It is our pleasure to announce three researchers from three different research areas as keynote speakers for this year’s TeaP conference: John-Dylan Haynes, Ernst Fehr, and Hannes Rakoczy. Keynotes are presented in the Audimax on each conference day, starting at 14:00 after the lunch break. The Audimax is located in Building A, which is in close proximity to the main conference area (see pages 17–19).

Pre-conference welcome evening
The traditional TeaP get-together will take place at the “Ratskeller: König von Bayern” at the beautiful market place of Hildesheim (Marktplatz 1, 31141 Hildesheim) on Sunday beginning at 18:30. Here you can meet your colleagues and friends for a drink and/or for dinner. The conference registration desk will be opened in the restaurant (between 18:30 and 21:00). You can take the opportunity to register and get your badge and conference materials.

Conference dinner
The conference dinner will be held on Tuesday, March 10th, beginning 19:30 at the wonderful Domäne Marienburg – the site of the University of Hildesheim “Kulturcampus” and a popular destination for Hildesheimers and tourists alike. The Domäne Marienburg originally consisted of a moated castle with several outbuildings dating back to the 14th century. The area, now restored and completed with new buildings, is surrounded by a park area and a stream called the Innerste.

We invite you to a conference dinner in this medieval area with medieval ingredients (e.g., a light & fire show; selected food – also vegetarian and vegan) and an accompanying program of live music. You may use this evening to talk with your colleagues in a cozy atmosphere, listen to the music, relax a little bit, or explore the beautiful area. One floor will be also open for club dancing.

Information: There will be bus shuttles to and from the Domäne Marienburg. Please have a look at page 24 for departure times. At the final stop, please follow the arrows on the ground and/or the TeaP assistants who will guide you to the conference dinner.

Please make sure to bring the voucher for the conference dinner with you. If you booked the conference dinner, the voucher will be provided in your conference bag, and it will be collected at the entrance to the conference dinner.

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 room H2 on Monday, beginning 19:00. The meeting will be held in German.
No-Data-Sessions (in German)
For the first time, TeaP 2015 will stage three “No-Data-Sessions” (Monday, 17–19; Tuesday 11–12:40; Tuesday, 17–18:40). Here, Ph. D. students are given the possibility to present a research idea, a hypothesis, or an experimental design without already having experimental data. In each session, two or three experts are available for discussion. There was a special application procedure for the contributors in these sessions. There will be 10 minutes for presenting each contribution and a further 10 minutes to discuss the project. No-Data-Sessions will be held in German.

Meeting of young scientists
All graduate students, post-docs, and assistant professors are invited to join the meeting of the young scientists for a get-together, discussion, and information exchange.
When: Monday, 09.03., 21:00
Where: Café Deseo (Hindenburgplatz 3, 31134 Hildesheim)
We are looking forward to seeing you there!
    Anne Gast & Jan Rummel
    (Sprecherteam Jungmitglieder Allgemeine Psychologie)

SMI-Workshops Eye Tracking Cognition: From idea to evaluation
Workshop 1 will be held at Monday, 11:00–12:30, in J306, workshop 2 will be held at Monday, 17:00–18:30, in J306. Instructors are: Pirita Pyykkönen-Klauck, Meike Mischo, and Martin Pötter. If you are interested in attending this workshop we kindly ask that you register online for participation here: http://smivision.givezooks.com/events/eye-tracking-cognition-from-idea-to-evaluation-workshop. Participation is free of charge. Places are limited.

Abstract:
The workshop introduces the state-of-the-art experimental designs and eye-tracking solutions to study human cognition across different populations. We will start by highlighting the key eye tracking paradigms in psychological research. In particular, we will discuss how to combine eye tracking with different physiological measurement devices in order to reveal deeper insights of human behavior.

The workshop will contain hands-on training with SMI SensoMotoric Instruments eye tracking hardware and software that provide a smooth workflow for designing, conducting, and analyzing experimental research. Participants will program eye tracking experiments with SMI in-house software Experiment Center, learn to operate SMI Scientific eye trackers to collect data as well as use SMI’s in-house analysis software BeGaze. The special focus will be on the tools that are designed to facilitate academic research on human behavior and cognition. These tools include the composite editor, trigger based areas of interest, and the proportion of looks module.

Content of the training event:
1. Latest highlights of eye tracking in psychology
2. Eye tracking across populations with SMI eye tracking systems
3. Combining SMI eye tracking with different physiological measurement devices (EEG, GSR––)
Hands-on in small groups – Basics for researchers new to SMI eye tracking:

4. SMI in-house stimulus presentation software Experiment Center: Preparation of an eye tracking experiment
   a. Flexible composition of stimulus materials with Composite Editor,
   b. Trigger AOI (areas of interests) for gaze-contingent experimental design

5. Operating SMI Scientific eye trackers: Calibration and data collection

6. SMI in-house analysis software BeGaze
   a. Data visualization and descriptive statistics, esp. SMI Proportion of Looks module & Reading module
   b. Data outputs for inferential statistics
Welcome to Hildesheim, the city of roses and churches!

Hildesheim is centrally located in northern Germany, about 30 km southeast of Hannover. Its history began in 815 when it became the seat of the Bishopric of Hildesheim. With the establishment of the cathedral it quickly developed into a larger town.

Hildesheim became protestant in 1542, and only the cathedral and a few other buildings remained in catholic hands. On March 22nd, 1945, just two months before the end of the Second World War, the city was heavily damaged by air raids. The historic center and most of the major churches have been rebuilt in their original style.

In 2015, Hildesheim is celebrating its 1,200 year anniversary.

The historic market square is the touristic heart of Hildesheim. With its reconstructed, half-timbered buildings such as the Bakers’ Guild House (Bäckeramtshaus), the Butchers’ Guild Hall (Knochenhauseramtshaus), the Wedekind House and the gothic style Town Hall, it once again presents a complete picture today.

Two of Hildesheim’s major churches, the St. Mary’s Catholic cathedral and the St. Michael’s church are UNESCO World Heritage Sites.

The St. Mary’s Catholic cathedral (Hildesheimer Dom) is a Romanesque Cathedral built in the 9th century, and is famous for its ancient bronze doors (Bernward Doors) and the 1,000-year-old rosebush. The legend of the rose at the apsis of the Cathedral goes back to a moment of carelessness on the part of Louis the Pious, who fastened his St. Mary’s reliquary to a bush to pray and then forgot it there. When he went back to retrieve it, it was firmly intertwined with the bush, a rosebush. Louis the Pious did justice to his name and built a chapel on the spot, the birthplace of the bishopric and the city of Hildesheim. Eight weeks after the cathedral was completely destroyed by bombings during the Second World War, the burned rose sprouted again and is since that time a symbol and guarantor of life in Hildesheim. After five years of renovations, the Cathedral was opened again in August 2014.
The St. Michael’s Church (Michaeliskirche) is one of the most important churches of Ottonian times. It is a double-choir basilica with two transepts and a square tower at each crossing. The monumental painted wooden ceiling in the nave shows the lineage of Christ.

Half-timbered houses, which were not destroyed during the Second World War, can be seen around St. Godehard and the Kehrwieder Tower (Keßlerstraße). An iconic half-timbered house famous for its unusual shape is the Upended Sugarloaf (Umgestülpter Zuckerhut).

If you are interested in significant collections from ancient Egypt and Peru, you should go to see the Roemer- and- Pelizaeus-Museum. In March 2015 there will be a special exhibition about Chinese Art.

Wenn Sie mehr über Hildesheim erfahren möchten, können Sie sich auf der Internetseite der TeaP (http://www.teap.de → Hildesheim → ganz unten) eine "emotionale Stadtführung" herunterladen. Die Stadtführung wurde von Psychologie-Studentinnen der Universität Hildesheim – namentlich Mara Ammon, Luise Badeda, Sina Dreimann, Marika Kisters, Viktoria Meyer und Susanna Ripplinger – gestaltet. Unfortunately this document is only available in German.
Exhibitors and sponsors
# Program overview

**Sunday, 08.03.2015**

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<td>Pre-conference welcome evening „König von Bayern”</td>
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**Monday, 09.03.2015**

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<td>Get-together of young scientists</td>
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<td>Auditory stimuli</td>
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<td>Control</td>
<td>What you ever wanted to know about eye-tracking but were afraid to ask *</td>
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<td>Social behavior</td>
<td>Automatic processing of emotional stimuli *</td>
<td>Attention and time in perception and action *</td>
<td>Evolutionary perspectives</td>
<td>Numerical Cognition I *</td>
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<td>van Lange</td>
<td>Wentura, Rohr</td>
<td>Seibold, Rolke, Scharlau</td>
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<tr>
<td>Judgment &amp; decision making I</td>
<td>The binding mechanism: ... and new insights *</td>
<td>Social factors &amp; cognition</td>
<td>Regulation: Behavior, emotion, self</td>
<td>Perception</td>
<td>Verkehrspychologie</td>
<td>Numerical Cognition II *</td>
<td>No-Data Session 1</td>
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<td>Bröder</td>
<td>Giesen, Moeller</td>
<td>End</td>
<td>Nicolaus</td>
<td>Papenmeier</td>
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<td>Monday, 13:45 – 14, Audimax: Official welcome</td>
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<td>Monday, 14–15, Audimax, Keynote lecture: John–Dylan Haynes: &quot;Decoding thoughts from brain imaging signals: What does(n’t) this mean for experimental psychology?&quot;</td>
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<td>Monday, 15–17, Poster session</td>
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<td>Monday, 17–18:30/19</td>
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<tr>
<td>Monday, 19–21, H2: Sitzung &quot;Fachgruppe Allgemeine Psychologie der Deutschen Gesellschaft für Psychologie&quot;</td>
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<td>Monday, 21, Café Deseo: Get-together of young scientists</td>
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* Symposium
** Please note: H4 is located in building N. Last-minute room changes are possible.
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<thead>
<tr>
<th>Hörsaal 1, H1</th>
<th>Hörsaal 2, H2</th>
<th>Hörsaal 3, H3</th>
<th>Hörsaal 4, H4 °</th>
<th>Musiksaal</th>
<th>G307</th>
<th>G207</th>
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<tr>
<td><strong>Tuesday, 9–10:30</strong></td>
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<td>Kellen, Pachur, Singmann</td>
<td>Schweppe</td>
<td>Rummel</td>
<td>Backhaus, Brandenburg, Thüring</td>
<td>Berti, Getzmann</td>
<td>de la Rosa</td>
<td>Kerzel</td>
<td>Mertens</td>
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| **Tuesday, 11–12:30/12:40** | | | | | | | |
| Cognitive Modeling in (Memory and) Decision Making II * | Prospective Memory * | A Multimethod Approach to Measure Risk–Taking Behavior * | Language and Emotion * | Attention & compatibility effects | Implicit measures | Spatial cognition & perspective taking | No–Data Session 2 |
| Kellen, Pachur, Singmann | Schaper, Grundgeiger | Frey, Pedroni | Herbert, Kissler | Ansgore | Heider | Schütz | Mojzisch |

**Tuesday, 14–15, Audimax: Keynote lecture: Ernst Fehr: “Understanding the Mind by examining the Brain”**

**Tuesday, 15–17, Poster session**

**Tuesday, 17–18:30/18:40**

<table>
<thead>
<tr>
<th>Accountability &amp; negotiation</th>
<th>Memory</th>
<th>Potpourri</th>
<th>(Emotional) face perception</th>
<th>Cognitive Control *</th>
<th>How do we solve demanding situations *</th>
<th>Body, perception, &amp; (inter)action</th>
<th>No–Data Session 3</th>
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<tr>
<td>Frisch</td>
<td>Busch</td>
<td>Wascher</td>
<td>Bilical</td>
<td>Ferdinand</td>
<td>Schwalm, Ladwig</td>
<td>Rieger</td>
<td>Mojzisch</td>
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* Symposium

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<td>Wednesday, 9–10:30</td>
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<tr>
<td>Judgment &amp; decision making II</td>
<td>Priming</td>
<td>Neural bases of predictive processing in speech and language *</td>
<td>Intuition and insight (Part I) *</td>
<td>Prioritization in Dual-Task Control *</td>
<td>How and What Am I Doing? *</td>
<td>R: Statistics at your command *</td>
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<td>Pohl</td>
<td>Reuss</td>
<td>Scharinger, Tavano</td>
<td>Zander, Volz</td>
<td>Pieczykolan, Strobach</td>
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<tr>
<td>Judgment &amp; decision making: Social perspectives</td>
<td>Motor &amp; sequential learning</td>
<td>Reading</td>
<td>Intuition and insight (Part II) *</td>
<td>Attention</td>
<td>Spatial cognition – Wayfinding*</td>
<td>Experimentation</td>
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<td>Weigl</td>
<td>Tempel</td>
<td>Bayer</td>
<td>Zander, Volz</td>
<td>Huber-Huber</td>
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<tr>
<td>Group Performance and Collective Decision-Making *</td>
<td>Breaking the rules *</td>
<td>Various modalities (tactile, odor, taste stimuli)</td>
<td>Vestibular Cognition *</td>
<td>The Reproducibility Project *</td>
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<td>Höffmeier</td>
<td>Pfister, Wirth, Jusyte</td>
<td>Brandenburg</td>
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<td>Wednesday, 16:30–17, H2: Concluding session</td>
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* Symposium

° Please note: H4 is located in building N. Last-minute room changes are possible.
Monday

**Decoding thoughts from brain imaging signals: What does(n't) this mean for experimental psychology?**

John-Dylan Haynes  
*Bernstein Center for Computational Neuroscience, Charité – Universitätsmedizin Berlin*

In recent years it has become possible to decode a person's thoughts by applying classification techniques to brain imaging signals. Even though a "universal thought reading machine" is still science fiction, considerable progress has been made in decoding such diverse mental states as visual percepts, unconscious representations, memories, intentions, action plans and emotions. This talk will give an overview of this research field, along with a discussion of the main successes, but also of the challenges, limitations and ethical concerns. Importantly, the implications of brain reading for experimental psychology will be highlighted. A severe limitation in training mental state classifiers lies not only in the limited resolution of neuroimaging signals, but also in the limitations of introspective techniques. Furthermore, despite a number of potential neurotechnological applications, mental state decoding is unlikely to replace standard psychological techniques for probing a person's thoughts in the near future.

Tuesday

**Understanding the Mind by examining the Brain**

Ernst Fehr  
*Department of Economics, University of Zurich*

Most research in psychology and economics makes inferences about the human mind on the basis of behavioral data. The development of noninvasive imaging and brain stimulation techniques, however, offers the promise of a deeper understanding by combining brain data with behavioral data. We illustrate this potential of brain research by designing an experiment in which different motives drive behaviorally equivalent altruistic acts. Because the altruistic behaviors are behaviorally equivalent, behavioral measures of altruism are – by definition – incapable of discovering the underlying motives. We show, however, that the connectivity patterns of brain data help us predict the different motives with high accuracy. In addition, the brain data provide important insights into the nature of altruistic motives such as empathy and reciprocity. We also show that neural measures of altruistic preferences outperform behavioral measures in out-of-sample predictions of altruistic behaviors. If we add the neural measure as an explanatory variable, the explained variance in out-of-sample predictions greatly increases and the behavioral measure becomes insignificant.
The (dis-)unity of implicit and explicit theory of mind
Hannes Rakoczy
Georg-Elias-Müller-Institut für Psychologie, Georg-August-Universität Göttingen

The most pressing question in recent theory of mind research is how to square two sets of findings: on the one hand, a huge body of evidence from traditional explicit tasks revealing competence at ascribing false beliefs and related propositional attitudes around age 4, and on the other hand new findings from more implicit tasks that suggest some competence dramatically earlier. Two-system-theories aim at resolving this tension in the following way: they claim that the capacities tapped in early implicit tasks are fundamentally different conceptual capacities (subserved by System 1) from those tapped in explicit tasks (subserved by System 2) (Apperly & Butterfill, 2009). System 1 is early-developing, fast, and relatively independent of central cognitive resources such as executive function. However, it is inflexible and has well defined signature limits: it allows the tracking of belief-like states but not of beliefs proper, and level-I but not level-II perspective-taking. System 2, in contrast, is flexible, dependent on central resources (language, executive function) and allows for the ascription of beliefs and other propositional attitudes proper. In this talk, I will present recent findings from our lab that speak in favor of the 2-systems account: Children from age 2 to 5 were confronted with implicit and explicit versions of false belief tests with varying form and content. Basically, the results suggest that the early precocious capacities tapped in implicit tasks show clear signature limits. Toddlers’ performance thus reveal a striking dis-unity in that only some false belief tasks with a narrow range of topics and form are mastered. The performance of older children in explicit tasks, however, shows an even greater unity than previously assumed. When suitably modified, the performance of 4- and 5-year-olds on diverse false belief tasks that had dissociated in previous research turned out to be equally difficult and strongly related.
Program Monday

Talks, Monday, 9-10:30

Symposium
Social Influence on Decision-Making: Recent Findings from Neuro-Cognitive, Developmental and Animal Research

**H1**

09:00  
**Investigating the Effects of Informational versus Normative Social Influence on Perceptual Decision-Making Using the Diffusion Decision Model**  
Markus Germar, Andreas Mojzisch  
*University of Hildesheim*

09:15  
**Social Influence on Perceptual Decision-Making: Integrating Evidence from Event-related Potentials and a Diffusion Model Analysis**  
Thorsten Albrecht¹, Markus Germar², Andreas Mojzisch²  
¹Georg-August University of Göttingen; ²University of Hildesheim

09:30  
**Early influence of social conformity on visual processing in group pressure situations investigated by EEG**  
Sina Alexa Trautmann-Lengsfeld¹, Christoph Sigfried Herrmann²  
¹Dept. of Neurophysiology and Pathophysiology University Medical Center Hamburg-Eppendorf; ²Department of Psychology European Medical School Carl von Ossietzky University

09:45  
**Neural Signatures of Face Encoding Predict Social Influence on Attractiveness Judgments**  
Robert Schnuerch, Judith Koppehele-Gossel, Henning Gibbons  
Department of Psychology, University of Bonn, Bonn, Germany

10:00  
**Are children’s perceptual decisions susceptible to social influence?**  
Kristine Krug¹, Imogen Large¹, Elizabeth Pellicano²  
¹Oxford University; ²Institute of Education, University of London

10:15  
**Do dogs stick to what they have learned or do they follow the crowd?**  
Amira Sultan, Juliane Kaminski, Markus Germar, Andreas Mojzisch  
*University of Hildesheim*

**Talk session**
Feedback & expectancy

**H2**

09:00  
**Effects of delayed extended tactile feedback on tapping variability**  
Andreas Bremer, Gerhard Rinkenauer  
Leibniz Research Centre for Working Environment and Human Factors
09:15  Some challenges to the traditional view of feedback-related negativity (FRN)
Henning Gibbons
University of Bonn, Department of Psychology

09:30  Effects of different feedback types on information integration in repeated
monetary gambles
Peter Haffke, Ronald Hübner
Universität Konstanz

09:45  Expectation Mismatch: Differences Between Self-Generated and Cue-Induced
Expectations
Robert Gaschler¹, Sabine Schwager², Valentin J. Umbach², Peter A. Frensch², Torsten Schubert²
¹Universität Koblenz-Landau, Department of Psychology;²Humboldt-Universität, Berlin

10:00  How sequential changes in reward magnitude modulate cognitive flexibility:
Evidence from voluntary task switching
Kerstin Fröber, Gesine Dreisbach
University of Regensburg

10:15  Answer-until-correct responding improves the validity of multiple-choice tests
Birk Diedenhofen, Jochen Musch
University of Duesseldorf

Talk session
Reasoning, problem solving, & intelligence

H3  B. Meder

09:00  Disabling conditions in reasoning with quantifiers
Lupita Estefania Gazzo Castaneda, Jessica Ewerhardy, Markus Knauff
University of Giessen

09:15  Bayesian Reasoning with Verbal Information
Björn Meder, Ralf Mayrhofer
Max Planck Institute for Human Development

09:30  Primacy Effects in Diagnostic Reasoning across Varying Set Sizes of Candidate
Hypotheses
Felix G. Rebitschek¹, Josef F. Krems², Georg Jahn³
¹Max Planck Institute for Human Development, Center for Adaptive Behavior and Cognition
²Technische Universität Chemnitz;³ Institute for Multimedia and Interactive Systems (IMIS)

09:45  How knowing the rules affects solving the Raven Progressive Matrices test
Patrick Loesche
DIPF

10:00  Intelligence in open problem space: An EEG study
Saskia Jaarsveld, Andreas Fink, Marcus Rinner, Daniela Schwab, Mathias
Benedek, Thomas Lachmann
University of Kaiserslautern Center for Cognitive Science

10:15  Spatial Information in Non-Spatial Problem Solving: Useful and/or Detrimental?
Rasmus Wienemann
SFB / TR 8 Spatial Cognition, University of Bremen
Talk session
Emotion

**H4**

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<th>Time</th>
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<th>Authors</th>
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<tr>
<td>09:00</td>
<td>Im Hoch und Tief der Gefühle – Vom Zusammenhang von Wort, Emotion und Raum</td>
<td>Viktoria Haß, Annett Jorschick</td>
<td>University of Bielefeld</td>
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<td>09:15</td>
<td>Studie in Rot–Grün – Farben aktivieren emotionale Wortbedeutungen</td>
<td>Claudia Lohmann, Annett Jorschick</td>
<td>Bielefeld University</td>
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<td>09:30</td>
<td>Emotional responses are unaffected by the uncertainty of rumour and gossip</td>
<td>Julia Baum, Milena Rabovsky, Sebastian Rose, Rasha Abdel Rahman</td>
<td>Humboldt Universität zu Berlin</td>
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<td>09:45</td>
<td>The Effects of a Comparative Mindset on Schadenfreude</td>
<td>Lea Boecker, Sascha Topolinski</td>
<td>Department of Psychology, Social and Economic Cognition II, University of Cologne</td>
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<td>10:00</td>
<td>The effect of canned laughter on film perception</td>
<td>Andreas Michael Baranowski, Heiko Hecht</td>
<td>University of Mainz</td>
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Talk session
Auditory stimuli

**Musiksaal**

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<tr>
<td>09:00</td>
<td>Blinking behaviour during a purely auditory speech perception task</td>
<td>Holger Heppner, Stephan Getzmann, Edmund Wascher</td>
<td>Leibniz Research Center for Working Environment and Human Factors</td>
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<td>09:15</td>
<td>A comparison of different measurements of pupil size as response to auditory affective stimuli</td>
<td>Sarah Lukas¹, Gabriel Yuras², Anke Huckauf²</td>
<td>Pädagogische Hochschule Weingarten; General Psychology, Ulm University</td>
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<td>09:30</td>
<td>Analyzing discrimination data of tone clusters with maximum likelihood fits</td>
<td>Christian Kaernbach¹, Arvid Ong²</td>
<td>Institut für Psychologie, Christian–Albrechts–Universität zu Kiel; Hochschule für Musik Detmold und Hochschule für Musik, Theater und Medien Hannover</td>
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<td>09:45</td>
<td>Neighing, barking, and drumming horses – object related sounds help and hinder picture naming</td>
<td>Andreas Mädebach, Stefan Wöhner, Marie–Luise Kieseler, Jörg D. Jescheniak</td>
<td>Institut für Psychologie, Universität Leipzig</td>
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</table>
10:00 The sounds of safety: How music creates the illusion of a safe environment
Thomas Schäfer
Technische Universität Chemnitz

10:15 Musical training improves short-term memory for serial order
Peter Wühr
TU Dortmund

Talk session
Motivation

G307

09:00 Motivational influences in online environments
Jenny V. Bittner¹, Robin Zondervan²
¹University of Ulm; ²Universiteit Twente, Enschede

09:15 Motivational consequences of anticipated aversive shocks
Andreas B. Eder, David Dignath
Institut für Psychologie Universität Würzburg

09:30 The influence of pragmatic goals on learning
York Hagmayer
University of Goettingen, Institute of Psychology, Cognitive and Decision Sciences

09:45 Does procedural priming change the ability or motivation to think globally or locally?
Christina Heitmann, Roland Deutsch
Technische Universität Dresden, Germany

10:00 Need frustration decreases well-being—Evidence from a daily–diary experimental study design
Andreas B. Neubauer, Andreas Voss, Veronika Lerche
Institute of Psychology, University of Heidelberg

10:15 How to make loss aversion disappear and reverse: Tests of the decision by sampling origin of loss aversion
Lukasz Walasek
University of Warwick

Talk session
Control

G207

09:00 Learning anticipatory eye–movements for control
Lewis L. Chuang, Frank M. Nieuwenhuizen, Jonas Walter, Heinrich H. Bülthoff
Max Planck Institute for Biological Cybernetics

09:15 Voluntary Pupil Control
Jan Ehlers, Anke Huckauf
Ulm University, Institute of Psychology and Education, Dept. General Psychology
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<tr>
<td>09:30</td>
<td>Control of distractor processing: benefit without cost of attending to the location of (congruent and incongruent) distractors</td>
<td>Mike Wendt, Aquiles Luna-Rodriguez, Thomas Jacobsen</td>
<td>Helmut Schmidt University/University of the Federal Armed Forces Hamburg, Experimental Psychology Unit</td>
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<td>09:45</td>
<td>Bottom–up Priming of Attentional Control by Onsets of Stimuli?</td>
<td>Caroline Gottschalk, Rico Fischer</td>
<td>Technische Universität Dresden</td>
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<td>10:00</td>
<td>Transcranial magnetic stimulation in dual–task situations – The role of the inferior frontal junction in task–order coordination.</td>
<td>Sebastian Kübler, Alexander Soutschek, Torsten Schubert</td>
<td>Humboldt–Universität zu Berlin</td>
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<tr>
<td>10:15</td>
<td>Flexible Conflict Management: Conflict Avoidance and Conflict Adjustment in Reactive Cognitive Control</td>
<td>David Dignath</td>
<td>University Würzburg</td>
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**Symposium**

What you ever wanted to know about eye-tracking but were afraid to ask

**G407**

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<tbody>
<tr>
<td>09:00</td>
<td>Getting the best out of eye–tracking research: An introduction to transparency standards.</td>
<td>Susann Fiedler¹, Michael Schulte–Mecklenbeck², Jacob Orquin³, Frank Renkewitz⁴</td>
<td>¹Max Planck Institute for Research on Collective Goods; ²MPI for Human Development; ³Aarhus University, ⁴University Erfurt</td>
</tr>
<tr>
<td>09:15</td>
<td>Reducing and reinstating bias: The influence of attention on preferences between risky prospects</td>
<td>Felix Henninger¹², Susann Fiedler², Benjamin E. Hilbig¹, Andreas Glöckner³</td>
<td>¹University of Koblenz–Landau; ²Max Planck Institute for Research on Collective Goods, Bonn; ³University of Göttingen</td>
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<td>09:30</td>
<td>What is reflected in eye–movements to nothing? – Gaze behavior as an indicator of cognitive processes in memory–based decision making</td>
<td>Frank Renkewitz</td>
<td>Department of Psychology, University of Erfurt</td>
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<td>09:45</td>
<td>Attention and Choice: A Review on Eye Movements in Decision Making</td>
<td>Jacob L Orquin</td>
<td>Aarhus University</td>
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<td>10:00</td>
<td>Revealing the Train of Thought: Inferring Cognitive Processes from Process Measures</td>
<td>Michael Schulte–Mecklenbeck¹, Anton Kühberger², Benjamin Gagi³, Florian Hutzler²</td>
<td>¹Max Planck Institute for Human Development; ²University of Salzburg</td>
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**Discussant:** Thorsten Pachur, Max Planck Institute for Human Development
Talks, Monday, 11-12:30

Symposium
Neurocognitive Approaches to Decision Making

**H1**

**11:00**  
Neural Substrates of Similarity and Rule-based Strategies in Judgment  
Bettina von Helversen, Linnea Karlsson, Björn Rasch, Jörg Rieskamp  
*University of Basel. Department of Psychology*

**11:15**  
Using cognitive modeling to efficiently analyze trial-by-trial variability in neuroimaging data: the case of memory-based decisions  
Sebastian Gluth¹, Tobias Sommer², Jörg Rieskamp¹, Christian Büchel²  
¹Department of Psychology, University of Basel; ²Department of Systems Neuroscience, University Medical Center Hamburg–Eppendorf

**11:30**  
Intuitive decision making: The orbitofrontal cortex as an early integrator of incomplete stimulus input  
Ninja Katja Horr  
*Werner Reichardt Centre for Integrative Neuroscience, Tübingen, Germany*

**11:45**  
Different neural signatures of compensatory and non-compensatory strategies during memory-based decision making  
Patrick H. Khader¹, Gianna Bertram², Kirsten G. Volz³, Thorsten Pachur⁴  
¹Ludwig–Maximilians–Universität München; ²Philipps-Universität Marburg; ³Werner–Reichardt Center for Integrative Neuroscience, Tübingen; ⁴Max Planck Institute for Human Development, Berlin

**12:00**  
Strategies for memory-based decisions: Modeling behavioral and fMRI data in a cognitive architecture  
Hanna Bettine Fechner¹, Jelmer P. Borst², Katja Mehlhorn², Thorsten Pachur¹, Ceren Battal³, Kirsten G. Volz⁴, Lael Schooler¹  
¹Max Planck Institute for Human Development; ²Carnegie Mellon University and University of Groningen; ³University of Trento; ⁴University of Tübingen (Werner Reichardt Centre for Integrative Neuroscience)

**12:15**  
The role of prospection in decision-making  
Uli Bromberg, Antonius Wiehler, Jan Peters  
*Department of Systems Neuroscience, University Medical Center Hamburg–Eppendorf*

**H2**

**11:00**  
The Effects of Feedback Valence on Components of Stimulus–Response Associations  
Karolina Moutsopoulou¹, Christina Pfeuffer², Andrea Kiesel², Florian Waszak²  
¹Université Paris Descartes, Sorbonne Paris Cité, CNRS Laboratoire Psychologie de la Perception (UMR 8242), Paris, France; ²Julius–Maximilians–University of Würzburg, Department of Psychology III, Würzburg, Germany

Talk session
The binding mechanism: Recurrent themes...
11:15  It’s automatic, isn’t it: Are stimulus–response binding and retrieval effects immune to manipulations of S–R contingencies?
Carina Giesen, Klaus Rothermund
Institute of Psychology, Department of General Psychology II, Friedrich Schiller University Jena

11:30  Rapid in, rapid out? How stable are rapidly acquired response-effect associations?
Uta Wolfensteller, Hannes Ruge
Technische Universität Dresden

11:45  Distractor–response bindings: Transition from short- to long-term associations?
Birte Moeller, Christian Frings
Trier University

12:00  Words Suffice - Exploring instructed stimulus–response associations
Christina Pfeuffer¹, Karolina Moutsopoulou², Roland Pfister¹, Florian Waszak², Andrea Kiesel¹
¹University of Würzburg; ²Université Paris Descartes

Symposium
Social behavior

H3  P. van Lange

11:00  Focusing attention on cooperation: An Eye-tracking analysis of social preferences
Minou Ghaffari-Tabrizi
Max-Planck-Institute for Research on Collective Goods

11:15  Cognitive conflict in social dilemmas: An analysis of response dynamics
Pascal J. Kieslich¹, Benjamin E. Hilbig²
¹University of Mannheim; ²University of Koblenz–Landau

11:30  The effect of passive bystanders during the movement phase of tunnel evacuation – A virtual reality experiment on social influence
Max Kinateder¹,², Daniel Gromer², Philipp Gast², Susanne Buld², Mathias Müller², Michael Jost², Markus Nehfischer², Andreas Mühlberger³, Paul Pauli²
¹Dept. of Cognitive, Linguistic, and Psychological Sciences, Brown University; ²University of Würzburg, Department of Psychology I; ³University of Regensburg, Department of Psychology, Clinical Psychology, and Psychotherapy

11:45  How personality influences fair behavior – an experimental test of benevolence versus a (blind) fairness norm
Isabel Thielmann¹, Benjamin E. Hilbig¹, Johanna Wührli², Ingo Zettler³
¹University of Koblenz–Landau; ²University of Mannheim; ³University of Copenhagen

12:00  Social Mindfulness, Trust, and Human Cooperation
Paul van Lange, Niels van Doesum
VU University Amsterdam

12:15  Does the help seeker’s status differently affect the kind of provided help in different cultures?
David F. Urschler
University of Regensburg
Symposium
Automatic processing of emotional stimuli: Evidence from new variants of priming tasks

H4

11:00  On the processing of facial expressions: Evidence for an automatic authenticity check
       Julia Kozlik, Roland Neumann
       University of Trier

11:15  Masked misattribution from emotional pictures: Which aspects can be differentiated under masked presentation conditions?
       Michaela Rohr\textsuperscript{1}, Dirk Wentura\textsuperscript{1}, Juliane Degner\textsuperscript{2}
       \textsuperscript{1}Saarland University, Saarbrücken, \textsuperscript{2}Hamburg University

11:30  Is potency–related information is extracted from shortly presented prime stimuli?
       Roland Neumann
       University of Trier

11:45  Valence processing is mediated by semantic meaning
       Juliane Burghardt
       University of Cologne

12:00  Go/no–go evaluative priming: near or remote relative of standard evaluative priming?
       Dirk Wentura, Maria Clara de Paula Couto
       Saarland University, Saarbrücken

12:15  Affective priming meets working memory: Using a change detection task to measure priming effects
       Demian Scherer, Dirk Wentura
       Saarland University, Saarbrücken

Symposium
Attention and time in perception and action

Musiksaal

11:00  Visual flicker affects temporal expectations and temporal productions
       Sophie Kathrin Herbst\textsuperscript{1,2,3}, Maximilien Chaumon\textsuperscript{2,4}, Niko A. Busch\textsuperscript{2,4}
       \textsuperscript{1}Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig; \textsuperscript{2}Berlin School of Mind and Brain, \textsuperscript{3}Humboldt–Universität zu Berlin; \textsuperscript{4}Charité Universitätsmedizin, Institute of Medical Psychology, Berlin, Germany

11:15  Fearful face stimuli and film induced fear show similar – but not multiplicative – effects on duration perception
       Katrin Martina Kliegl, Lisa Eberhardt, Anke Huckauf
       Ulm University

11:30  Prior Entry: Model–based Analysis of Temporal Order Judgments
       Jan Tünnermann\textsuperscript{1}, Ingrid Scharlau\textsuperscript{2}
       \textsuperscript{1}University of Paderborn; \textsuperscript{2}Leuphana University of Lüneburg
11:45 Selection of targets by attention towards modalities and time points: An ERP study
Freya Festl, Verena Carola Seibold, Bettina Rolke
Eberhard Karls Universität Tübingen

12:00 Alerting Signals and Executive Control
Rico Fischer
Technische Universität Dresden

12:15 Subjective arousal state affects temporal preparation for speeded action: An individual–differences approach
Robert Langner1,2, Michael B. Steinborn3
1Institute of Clinical Neuroscience and Medical Psychology, Heinrich Heine University Düsseldorf, Düsseldorf, Germany; 2 Institute of Neuroscience and Medicine (INM-1), Research Centre Jülich, Jülich, Germany; 3Institute of Psychology III, University of Würzburg, Würzburg, Germany

Talk session
Evolutionary perspectives

G307

11:00 Anger superiority effect in peripheral vision: visual field and target emotion interact in determining search efficiency
Thomas Maran, Pierre Sachse, Andrei Pöhlmann, Marco Furtner
Department of Psychology, University of Innsbruck

11:15 Snakes in the Streets? The Threat–Superiority Effect Depends on Ecological Congruence between Targets and Distractors
Ryan P. Hackländer¹, Keith B. Lyle²
¹ Universität Hildesheim; ²University of Louisville

11:30 Survival processing: The mnemonic consequences of thinking about function
Raoul Bell, Jan P. Röer, Axel Buchner
Heinrich Heine University Düsseldorf

11:45 Is personal relevance an important aspect for cheater detection?
Meike Kroneisen
University of Mannheim

12:00 Is System Thinking Evolutionary Adaptive? The Impact of Survival Relevant Context on Understanding Stock Flow Systems.
Marcus A. Schwarz, Peter Sedlmeier
Technische Universität Chemnitz
Finger posture priming of number representations across modalities
Elena Sixtus, Martin H. Fischer, Oliver Lindemann
University of Potsdam

Exploring the boundary conditions of unconscious numerical priming effects with continuous flash suppression
Guido Hesselmann, Natasha Darcy
AG Visuelle Wahrnehmung, Klinik für Psychiatrie und Psychotherapie, Charité–Universitätsmedizin Berlin, Charité Campus Mitte

Numerosity as a visual dimension: Insights from peripheral viewing
Matteo Valsecchi, Matteo Toscani, Karl R. Gegenfurtner
Justus–Liebig–Universität Giessen, Abteilung Allgemeine Psychologie

If so many are „few“, how few are „many“? Experimental change of quantifier semantics.
Stefan Heim¹, Corey T. McMillan², Murray Grossman²
¹Klinik für Psychiatrie, Psychotherapie und Psychosomatik, Medizinische Fakultät, RWTH Aachen; ²University of Pennsylvania Perelman School of Medicine, Penn Department of Neurology and Frontotemporal Degeneration Center, Philadelphia, USA

The neural representation of visual and auditory numbers — An fMRI adaptation study
Stephan E. Vogel¹,², Ian M. Lyons², Joshua Bohnenberger³, Karl Koschutnig¹, Gernot Reishofer¹, Roland H. Grabner¹, Daniel Ansari²
¹Department of Psychology, University of Graz; ²Numerical Cognition Laboratory, Western University; ³Department of Psychology: Georg–August–University of Goettingen

An fMRI investigation on the role of parietal and sensory cortices in time–variant enumeration processes
Seda Cavdaroglu, Andre Knops
Humboldt Universitaet zu Berlin

Eye tracking cognition: From idea to evaluation

Pirita Pyykkönen–Klauck, Meike Mischo, Martin Pötter
SensoMotoric Instruments GmbH, Germany
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<th>Session</th>
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| M-1     | Audio–visual synchrony increases the saliency of visual direction changes: Pip–and–pop effect revisited | Nina A. Gehrer, Hauke S. Meyerhoff  
Knowledge Media Research Center, Tübingen |
| M-2     | The role of the fusiform gyrus in face processing: an ALE meta–analysis | Veronika I. Müller, Yvonne Höhner, Simon B. Eickhoff  
Heinrich Heine University Düsseldorf |
| M-3     | An evaluation of Franz Marc’s colour theory using implicit testing procedures | Annika Grofjohann, Daniel Oberfeld  
Psychologisches Institut der Johannes Gutenberg Universität Mainz |
| M-4     | Subjective perceptual reports of foreground–background formation in complex auditory scenes | Sabine Thomassen, Alexandra Bendixen  
Auditory Psychophysiology Lab, Department of Psychology, Cluster of Excellence  
"Hearing4all", European Medical School, Carl von Ossietzky University of Oldenburg |
| M-5     | Taking a long look at rhythms: Distortions of perceived duration due to the temporal structure of interval filling | Ninja Katja Horr  
University of Birmingham |
| M-6     | Impact of hand movements on visual depth and size perception | Wladimir Kirsch  
University of Würzburg |
| M-7     | The visual impedance effect depends on the quality and quantity of relations. | Maria Mikheeva, Lupita Estefania Gazzo Castaneda, Markus Knauff  
Justus Liebig University Giessen (JLU Giessen) |
| M-8     | The relationship between Power Law Exponents, Weber Fractions and short Standard Durations | Jana Birkenbusch, Wolfgang Ellermeier  
Technische Universität Darmstadt |
| M-9     | Light ceilings don’t just seem higher, they look it | Christoph von Castell, Robin Welsch, Heiko Hecht, Daniel Oberfeld  
Department of Psychology, Experimental Psychology, Johannes Gutenberg–Universität Mainz |
| M-10    | The influence of stimulus repetition on the time perception of brief intervals | Teresa Birngruber, Hannes Schröter, Rolf Ulrich  
University of Tübingen |
| M-11    | Masked visual letter identification is not affected by | Maria Dolores de la Rosa Gamiz, Karin Maria Bausenhart  
University of Tübingen |
M-12  Roving vs. Constant Standards in the 2AFC Task: Trial-by-Trial Updating of the Internal Standard in Duration Discrimination
Karin Maria Bausenhart¹, Dirk Vorberg², Rolf Ulrich¹
¹University of Tübingen; ²University of Münster

Attention, interference, inhibition, priming, compatibility

M-13  The power of words – Exploring the durability of instructed stimulus-response associations
Andrea Kiesel, Christina U. Pfeuffer, Karolina Moutsopoulou, Florian Waszak
University of Wuerzburg

M-14  Implementing the Lateralized Readiness Potentials as index of Distractor Inhibition
Lisa Pramme, Angelika Dierolf, Ewald Naumann, Christian Frings
Department of Cognitive Psychology, University of Trier

M-15  Priming procedures in online experiments
Doreen Reifegerste¹, Christine Hennighausen²
¹University of Jena; ²University of Wuerzburg

M-16  Distracting distraction: Performance in the audio–visual distraction paradigm is modulated by irrelevant background sound
Sabine J. Schlittmeier¹, Stefan Berti²
¹Work, Environmental and Health Psychology, Catholic University of Eichstätt–Ingolstadt, Germany; ²Johannes–Gutenberg–University Mainz

M-17  Meta–analyses of the anti–saccade task reveals functional differentiation in the frontal eye fields and posterior dorsomedial frontal cortex
Edna–Clarisse Cieslik, Isabelle K. Seidler, Simon B. Eickhoff,
Institute of Clinical Neuroscience and Medical Psychology, HHU Düsseldorf

M-18  SNARC meets SPARC in the MRI – interdependence of compatibility effects depends on the content
Tina Weis¹, Barbara Estner¹, Christoph M. Krick², Thomas Lachmann¹
¹University of Kaiserslautern, Center for Cognitive Science, Cognitive and Developmental Psychology; ²Clinic of Diagnostic and Interventional Neuroradiology, Saarland University Hospital, Homburg, Germany

M-19  The influence of object similarity on object–based cueing effects
Elisabeth Hein¹, Stefan Blaschke², Bettina Rolke¹
¹Evolutionary Cognition Lab, Cognitive Science, Department of Psychology, University of Tübingen; ²Plettenbergchule für Physiotherapie, Balingen

M-20  Occipitoparietal alpha–band responses to the graded allocation of top–down spatial attention
Isabel Dombrowe¹, Claus C. Hilgetag²
¹Department of Experimental Psychology Otto–von–Guericke–University Magdeburg; ²Department of Computational Neuroscience, University Medical Center Hamburg–Eppendorf

M-21  The moving influence of eyes: Response priming using gaze motion as primes
David Eckert, Christina Bermeitinger
University of Hildesheim, Department of Psychology
Automatic attention to positive and negative stimuli: The role of engagement and disengagement
Sascha Müller
Professur für Allgemeine Psychologie, Universität der Bundeswehr München

Differential effects of alerting signal intensity in feature vs. conjunction visual search
Paola Cappucci
Dep. de Psicología Experimental Universidad de Granada Centro de Investigación Mente, Cerebro y Comportamiento (CIMCYC)

Cognitive Representation of Dual–Task Demands: Towards a Gestalt View of Human Action
Lynn Huestegge¹, Aleksandra Pieczykolan¹, Iring Koch²
¹ Würzburg University; ² RWTH Aachen

Preparatory adoption of task–specific sets of visual attention—evidence from intermixed trials of a visual search task
Svantje Tabea Kähler, Mike Wendt, Aquiles Luna-Rodriguez, Thomas Jacobsen
Helmut–Schmidt–University/University of the Federal Armed Forces Hamburg, Experimental Psychology Unit

"Spreading inhibition" in the PRP–paradigm: The relative proportion of NoGo–stimuli in T2 modulates the size of the backward crosstalk effect (BCE)
Eva Röttger, Hilde Haider
University of Cologne

Is conflict the root of all evil? An approach to clarify the effect of conflict priming on target valence
Florian Goller, Ulrich Ansorge
Department of Basic Psychological Research and Research Methods, University of Vienna

How inevitable is distraction by irrelevant speech?
Jan Philipp Röer, Raoul Bell, Axel Buchner
Department of Experimental Psychology

Decision–making in situations of conscious and unconscious thought: replication experiment
Anastasia Mikhaylova
Department of psychology, St. Petersburg State University, Russia

Cross–cultural differences in decision making: temperament and character personality profile among different nations in relation to the decision–making process
Marta Malesza
University of Warsaw, Faculty of Psychology

Human judgements vs. Latent Semantic Analysis as measures for word similarities
Fritz Günther, Carolin Dudschig, Barbara Kaup
University of Tübingen
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<th>Are decisions more rational in a foreign language?</th>
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Memory, learning, knowledge

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<td>Ivan Marevic, Jan Rummel</td>
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<td>Sophie Nolden¹,², Talia Losier², Pierre Jolicour</td>
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<td>¹RWTH Aachen University; ²University of Montreal</td>
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<th>Learning a sequence that does not exist— How action coding processes can facilitate and create implicit sequence learning</th>
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Emotion, motivation

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<th>Development of a Cycling Anger Scale</th>
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Nico Tschöpe, Julian E. Reiser, Michael Oehl, Rainer Höger
Leuphana Universität Lüneburg Institut für experimentelle Wirtschaftsprychologie

An exploration of humans’ ability to recognize emotions displayed by robots
Julian Elias Reiser, Nico Tschöpe, Michael Oehl, Rainer Höger
Leuphana Universität Lüneburg, Institut für experimentelle Wirtschaftsprychologie

Development of School Nurse Work Motivation Scale in Japan
Manami Uraguchi1, Hideyuki Fujiu2
1Edogawa Girls’ Junior and Senior High School; 2Division of Psychology, Faculty of Human Sciences, University of Tsukuba

For Whom Absence Breeds Preference: Epistemic Motivation Predicts Evaluative Conditioning with Negative Contingencies
Georg Halbeisen
University of Trier

Height simulation in a virtual reality CAVE system: Effects of presence on fear responses
Daniel Gromer
Department of Psychology I, Biological Psychology, Clinical Psychology and Psychotherapy, University of Würzburg

Self–Regulating Rejection Sensitivity by Mental Contrasting
Jenny Voth1, Gabriele Oettingen2
1University of Hamburg; 2New York University, University of Hamburg

Be aware of odors: Odor awareness has an influence on the emotionality of odors
Patrick Schulze
Ruhr–University Bochum

Role of Teacher Emotion on Student Learning: Instructional Value of Affective Feedback
Arianne C. Herrera-Bennett
Ludwig-Maximilians Universität München

Is space automatically activated by emotional words?
Annett B. Jorschick, Kirsten Kästel
Bielefeld University

Finding the odd one out: trivial need–of–help is a salient social stimulus for children
Aenne Annelie Brielmann, Margarita Stolarova
University of Konstanz

Are cognitive variables associated with children’s prosocial behavior?
Martina Vogelsang, Mirjam Ebersbach
Department of Developmental Psychology, Institute for Psychology, University of Kassel, Kassel, Germany
| M-54 | Names, Frames, Economic Games. A meta-analysis on semantic priming and framing effects across popular game studies  
Philipp Gerlach  
*Center for Adaptive Rationality Max Planck Institute for Human Development* |
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| M-55 | Step on it! How Positive Affective States Influence Young Drivers’ Driving Behaviors  
Michael Oehl, Felix Wilhelm Siebert  
*Leuphana University Lüneburg* |
| M-56 | Die Veränderung der Zeitwahrnehmung über die Lebensspanne  
Isabell Winkler  
*Technische Universität Chemnitz* |
| M-57 | Semantic congruency and the (reversed) Colavita effect in children  
Claudia Wille  
*University of Kassel Department of Psychology* |
| M-58 | In touch or out of control: The influence of hand proximity on inhibitory control processes in younger and older adults.  
Romy Brömme  
*Knowledge Media Research Center (KMRC) Tübingen* |
| Applied | --- |
| M-59 | Processing Capacity in Multiple Sclerosis: Alterations of test performance as a result of cognitive Fatigue in TVA–based assessment of visual attention  
Steffen Kluckow, Petra Redel, Jan–Gerrit Rehbein, Matthias Schwab, Otto W. Witte, Peter Bublak  
*Department for Neurology, University Hospital Jena* |
| M-60 | Organic by default? On the relationship between defaults and attitudes  
Max Vetter  
*Centre for Social Investment, Heidelberg University* |
| M-61 | Deep Brain Stimulation and Its Effect on Active and Observational Feedback Learning in Parkinson’s Disease  
Sarah Nadine Meißner, Martin Südmeyer, Ariane Keitel, Bettina Pollok, Christian Bellebaum  
*Institute of Clinical Neuroscience and Medical Psychology, Medical Faculty, Heinrich Heine University Duesseldorf* |
| M-62 | Using pupillometry to track norepinephrine activity in adults with ADHD symptoms  
Rebecca Nicole Elisa  
*Bournemouth University* |
| M-63 | Can Self–Explanations foster Students’ Performance in Experimental Concept Learning Tasks?  
Lugain Khalifah¹, Hermann Koerndle¹, Susanne Narciss², Claudia Prescher¹  
¹*Technische Universität Dresden:* ²*Universität Passau* |
M-64  Does depression alter the internal clock? A meta-analysis on time perception in depressive patients
Sven Thoenes, Daniel Oberfeld
Institute of Psychology Johannes Gutenberg-Universität

M-65  The Influence of visual and auditory alerting on evacuation behavior in road tunnel fires
Philipp Gast
Department of Psychology I University of Wuerzburg

M-66  Ästhetische Stühle bleiben im Gedächtnis
Bettina Rolke, Saskia Tobias
Evolutionary Cognition Department of Psychology University of Tübingen

Varia

M-67  Motor workspace and intermanual transfer
Maryvonne Granowski, Oliver Simon Sack, Christine Sutter
Work and Cognitive Psychology RWTH Aachen University

M-68  Processing the existence presupposition of the definite determiner
Christian Brauner, Bettina Rolke
University of Tübingen

M-69  A modified version of the AX Continuous performance task to investigate proactive and reactive control
Carmen Hefer, Gesine Dreisbach
Department of Experimental Psychology, University of Regensburg

M-70  Thinking with portals: Revisiting kinematic cues to intention
Roland Pfister, Markus Janczyk, Robert Wirth, David Dignath, Wilfried Kunde
Julius-Maximilians-Universität Würzburg

M-71  The influence of motor familiarity on information processing
Fabian Helm, Jörn Munzert
Neuromotor Behavior Laboratory, University of Giessen

M-72  Conceptual and Specific Self-prioritization
Sarah Schäfer¹, Dirk Wentura², Christian Frings¹
¹University of Trier, ²Saarland University

M-73  Does time seem to drag for the hungry? – Effects of food deprivation and stimulus valence on time perception
Ferdinand Pittino, Katrin M. Kliegl, Olga Pollatos, Anke Huckauf
Department of General Psychology, Ulm University

M-74  Effects of reducing the number of candidate tasks in voluntary task switching
Juliane Scheil, Thomas Kleinsorge
Leibniz Research Centre for Working Environment and Human Factors
Menja Scheer, Heinrich H. Bülthoff, Lewis L. Chuang
Max Planck Institute for Biological Cybernetics, Tuebingen, Germany

M–76  The unawareness of dual–task costs – delayed conscious awareness or timing demands?
Donna Bryce, Daniel Bratzke
University of Tübingen

M–77  On the trot: Probing the interplay of honest and dishonest responding
Anna Foerster, Roland Pfister, Robert Wirth, Wilfried Kunde
University of Würzburg

M–78  Women outperform men in distinguishing between real and fake smiles
Maren Spies¹, Timur Sevincer²
¹University Medical Centre of Hamburg; ²University of Hamburg
Talks, Monday, 17-18:30/19

Talk session
Judgment & decision making I

H1

17:00  Exemplars and rules in judgment: Measuring their relative impact
       Arndt Bröder, Michael Gräf
       Universität Mannheim, School of Social Sciences

17:15  How forgetting affects rule- and exemplar-based judgments
       Janina Hoffmann, Bettina von Helversen, Jörg Rieskamp
       University of Basel

17:30  Persons do not use fixed search rules in decision making: The attraction search effect
       Marc Jekel¹, Andreas Glöckner¹, Arndt Bröder²,
       ¹Georg-August-Universität Göttingen Georg-Elias-Müller-Institut für Psychologie Abt. 9:
       Psychologische Diagnostik, Urteilen und Entscheiden; ²University of Mannheim

17:45  Cognitive Biases and Skin Conductance Responses
       Patrick Ring¹,², Christian Kaernbach³.
       ¹Kiel Institute for the World Economy, ²Institute of Psychology, University of Kiel

18:00  Impaired strategic decision making under stress: Identifying two routes stress hinders strategic decision making
       Johannes Leder
       University of Hildesheim

18:15  The benefits of outcome variability on adaptation to change
       Nathaniel James Siebert Ashby, Cleotilde Gonzalez
       Carnegie Mellon University

Symposium
The binding mechanism: ... and new insights

H2

17:00  Does contextual similarity facilitate episodic retrieval processes in the auditory modality? Evidence from the negative priming paradigm
       Malte Möller, Susanne Mayr, Axel Buchner
       Heinrich-Heine-Universität, Düsseldorf

17:15  In the beginning was the word: Stimulus-response binding in language switching
       Andrea M. Philipp¹, Mathieu Declerck¹-², Iring Koch¹
       ¹RWTH Aachen University, Institute of Psychology; ²Laboratoire de Psychologie Cognitive,
       Aix-Marseille Université, Centre National de la Recherche Scientifique, Marseille
17:30  Shifts in cue modality exert contextual modulation of response–repetition effects in task switching  
Iring Koch\(^1\), Christian Frings\(^2\), Stefanie Schuch\(^1\)  
\(^1\)Institute of Psychology I, RWTH Aachen University; \(^2\)Department of Psychology, University of Trier

17:45  Stimulus–Response–Binding In Decision Making Under Uncertainty  
Christian Frings  
University of Trier

18:00  Affect binding? The relation between selection processes, distractor evaluations, and the subsequent selection of these distractors  
Torsten Martiny-Huenger\(^1\), Peter M. Gollwitzer\(^{1,2}\), Gabriele Oettingen\(^{2,3}\)  
\(^{1}\)University of Konstanz, Germany; \(^{2}\)New York University, USA; \(^{3}\)University of Hamburg, Germany

Talk session  
Social factors & cognition

17:00  Social features weaken the influence of low-level saliency on overt attention  
Albert End, Matthias Gamer  
Department of Systems Neuroscience, University Medical Center Hamburg-Eppendorf, Hamburg, Germany

17:15  Can gender priming eliminate the effects of stereotype threat? The case of simple dynamical systems  
Vivien Röder, Peter Sedlmeier  
Technische Universität Chemnitz

17:30  Voice Processing Under Visual Load  
Romi Zäske, Marie-Christin Perlich, Stefan R. Schweinberger  
Department for General Psychology and Cognitive Neuroscience, DFG Research Unit DFG Research Unit Person Perception, Friedrich Schiller University of Jena

17:45  Mentalizing (but not Mirroring) Network Explains Judgment of Nonverbal Expressions of Confidence  
Anna Katharina Kuhlen\(^{1,2}\), Carsten Bogler\(^2\), Marc Swerts\(^3\), John-Dylan Haynes\(^1\)  
\(^{1}\)Berlin School of Mind and Brain, Humboldt-Universität zu Berlin, Berlin, Germany; \(^{2}\)Bernstein Center for Computational Neuroscience Berlin and Charité, Berlin, Germany; \(^{3}\)Berlin Center of Advanced Neuroimaging, Charité – Universitätsmedizin Berlin

18:00  When virtual contact is all you need: Subtle reminders of Facebook preempt social–contact restoration after exclusion  
Judith Knausenberger, Jens Hinrich Hellmann, Gerald Echterhoff  
Westfälische Wilhelms-Universität Münster

18:15  The impact of contingent partner reactions on attentional selection  
Romy Müller  
Technische Universität Dresden Institut für Psychologie III Ingenieurpsychologie und kognitive Ergonomie
**Talk session**

**Regulation: Behavior, emotion, self**

**H4**

**17:00**

Goals and habits in addictive disorders – altered mechanisms of decision-making in patients with failure of behavioral control

Andrea Maria Franziska Reiter¹, Lorenz Deserno¹, Hans-Jochen Heinze, Florian Schlagenhaufer¹,²

¹Max-Planck-Institute for Human Cognitive and brain Sciences, Leipzig, Germany; ²Department of Psychiatry and Psychotherapy, Campus Charite Mitte, Charite Universitätsmedizin Berlin, Germany

**17:15**

What is suspicious when trying to be inconspicuous? Criminal intentions inferred from nonverbal behavioral cues.

Corinne Ines Frey¹, Olive Emil Wetter², Franziska Hofer²

¹University of Zurich, Department of Psychology, Cognitive Psychology Unit; ²Kantonspolizei Zürich (Zurich State Police), Research & Development

**17:30**

An interdependent self-construal facilitates self-control by increasing an interrelated perspective on temptations

Janina Steinmetz¹, Thomas Mussweiler²

¹University of Chicago Booth School of Business; ²University of Cologne

**17:45**

Measuring approach and avoidance tendencies in romantic relationships

Florian Müller¹, Nicolas Koranyi¹, Veronika Job²

¹Friedrich-Schiller-University of Jena; ²University of Zurich

**18:00**

Age-Related Differences in the Modulations of Late Positive Potential during Emotion Regulation Between Adolescents and Adults

Xinmei Deng¹, Biao Sang²

¹Department of Psychology, Shenzhen University, Shenzhen, China; ²Key Laboratory of Brain Functional Genomics, East China Normal University, Shanghai, China

**Talk session**

**Perception**

**Musiksaal**

**17:15**

Brain networks supporting visual perceptual grouping

Gregor Volberg, Mark W. Greenlee

Department of Experimental Psychology, University of Regensburg

**17:30**

Novel verbal categories influence the processing of visual object features: Evidence from ERPs

Martin Maier, Rasha Abdel Rahman

Humboldt-Universität zu Berlin
17:45  Semantic Relations in Pictures: An Eye-Tracking Study  
Frank Papenmeier, Markus Huff  
University of Tübingen

18:00  Just noise? – The role of semantics in dynamic event perception  
Annika Elisabeth Maurer, Markus Huff  
University of Tuebingen, Faculty of Science, Department of Psychology

Talk session
Verkehrspychologie, traffic

G307  S. Winkler

17:00  Autofahren im (An--)Gesicht der Frustration: Eine Fahrsimulatorstudie zur Untersuchung der Gesichtsmuskelbewegung von Autofahrern während frustrierender Verkehrssituationen  
Christina Dömeland1,2, Klas Ihme2, Meike Jipp2  
1Otto-von-Guericke-Universität Magdeburg; 2Deutsches Zentrum für Luft- und Raumfahrt, Institut für VerkehrssystemtechnikArbeitsgruppe Fahrerkognition und Modellierung

17:15  Wie fühlt sich das an? – Der Zusammenhang von Bedienverhalten und Bediengefühl bei einem passiven translatorischen Bedienelement  
Henrik Habenicht1, Nanno Peters2, Mark Vollrath  
1Technische Universität Braunschweig, Abteilung für Ingenieur- und Verkehrspsychologie; 2Ostfalia Hochschule für angewandte Wissenschaften, Institut für Mechatronik

17:30  Unfallvermeidung durch visuelle Warnungen bei älteren Fahrern  
Juela Kazazi, Susann Winkler, Mark Vollrath  
Technische Universität Braunschweig Institut für Psychologie Abt. Ingenieur- und Verkehrspsychologie

17:45  Verzögerungsverhalten an urbanen Kreuzungen beim Rechtsabbiegen als Indikator für die Zielgerichtetheit der Aufmerksamkeit beim Autofahren  
Nora-Hjördis Moser1, Firas Lethaus1, Robert Kaul2, Uwe Dreyritz2, Meike Jipp2  
1Leuphana University Lüneburg; 2Institute of Transportation Systems, German Aerospace Center (DLR)

18:00  "Stopp!" – Warnungen wirken, allerdings manchmal vielleicht zu stark  
Susann Winkler, Juela Kazazi, Mark Vollrath  
Technische Universität Braunschweig, Institut für Psychologie, Abt. Ingenieur- und Verkehrspsychologie
Symposium
Numerical Cognition II

G207
A. Knops

17:00
SNARC meets SPARC: Automaticity and Interdependency in Compatibility Effects
Tina Weis¹, Barbara Estner¹, Cees van Leeuwen¹, Thomas Lachmann¹
¹University of Kaiserslautern, Center for Cognitive Science, Cognitive and Developmental Psychology, Kaiserslautern, Germany; ²University of Leuven, Experimental Psychology Unit, Leuven, Belgium

17:15
Facilitative effects of inhibitory stimulation: Space–number associations in the prefrontal cortex
Philipp Alexander Schroeder, Hans–Christoph Nuerk, Christian Plewnia
Department of Psychiatry and Psychotherapy, Neurophysiology & Interventional Neuropsychiatry, Eberhardt–Karls University Tuebingen

17:30
Effects of non–invasive brain stimulation on arithmetic learning
Roland H. Gräbner¹, Bruno Rütsche², Christian Ruff³, Tobias Hauser⁴
¹Department of Psychology, University of Graz; ²Institute for Behavioral Sciences, ETH Zurich; ³Department of Economics, University of Zurich; ⁴Wellcome Trust Centre for Neuroimaging, University College London

17:45
Spontaneously spotting and applying shortcuts in primary school arithmetic
Claudia Godau¹, Robert Gaschler², Hilde Haider³
¹Humboldt Universität zu Berlin; ²Universität Koblenz–Landau; ³Universität Köln

18:00
“Brainy” Math Cognition: The Impact of Fluid Intelligence on Strategy Use in Arithmetic and Algebra
Annika Dix¹,², Isabell Wartenburger²,³, Elke van der Meer¹,²
¹Humboldt–Universität zu Berlin; ²Berlin School of Mind and Brain; ³Universität Potsdam

18:15
Cerebellar–parietal BOLD activity versus functional connectivity in simple and complex mental arithmetic
Curren Katz, André Knops
Humboldt University

Talk session
No-Data Session I

G407
A. Mojzisch

17:00
Diskriminierung macht am Computer nicht Halt
Nina Brückner
Universität Siegen, Fakultät II: Bildung · Architektur · Künste · Department Sozialpsychologie

17:20
Führung unter dem Aspekt des demographischen Wandels
Hanna Heinrich
Universität Regensburg, Lehrstuhl für Sozial, Arbeits–, Organisations– und Wirtschaftspsychologie (Lehrstuhlinhaber: Prof. Dr. Peter Fischer)
Die Auswirkung von Ostrazismus und sozialem Ausschluss auf epistemische Bedürfnisse
Anna Giesen
Universität Münster

Attentional Bias bei Zwangsstörungen
Christina Dusend
Klinische Psychologie und Psychotherapie bei Prof. Dr. Ulrike Buhlmann an der WWU Münster

„...im Auge des Betrachters“: Interpretationsbias bei körperdysmorpher Störung
Fanny Dietel
Westfälische Wilhelms-Universität Münster

Dont blame the players – blame the roles! Moralische Rollen in normativen Konflikten.
Johannes Schwabe
Philipps-Universität Marburg

Diskussion:
Anne Gast, University of Cologne
Dirk Wentura, Saarland University, Saarbrücken

SMI-Workshop 2
Eye tracking cognition: From idea to evaluation

J306

17:00 – 18:30 Pirita Pyykkönen-Klauck, Meike Mischo, Martin Pötter
SensoMotoric Instruments GmbH, Germany
Program Tuesday

Talks, Tuesday, 9-10:30

Symposium
Cognitive Modeling in Memory (and Decision Making) I

H1

09:00  Source memory for memories of mental imagery: subject, item and condition effects
Antonia Krefeld-Schwalb
University of Freiburg, Social psychology and Methodology; University of Bern

09:15  Continuous and discrete-state modeling of confidence-rating ROCs: A critical test with minimal assumptions
David Kellen
University of Basel

09:30  Signal-Detection and Dual-Process Accounts of the Effect of Emotion on Memory
Dennis Boywitt
University of Mannheim

09:45  Investigating the Other-Race Effect using Multinomial Processing Tree Models
Henrik Singmann¹, David Kellen², Karl Christoph Klauer³, Johannes Falck³
¹Universität Zürich; ²University of Basel; ³Albert-Ludwigs-Universität Freiburg

10:00  Modeling working-memory updating
Klaus Oberauer¹, Stephan Lewandowsky²
¹University of Zurich; ²University of Bristol and University of Western Australia

10:15  Active function learning as Gaussian Process optimization
Eric Schulz
UCL London

Talk session
Learning, memory retrieval, & forgetting

H2

09:00  Testing two explanations of the testing effect in vocabulary learning: retrieval effort vs. transfer-appropriate processing
Judith Schweppe, Ralf Rummer
University of Erfurt

09:15  Stability of Individual Parameters in a Computational Model of Optimal Fact Learning
Florian Sense, Rob R. Meijer, Hedderik van Rijn
University of Groningen
09:30 The two faces of selective memory retrieval: Earlier decline of the beneficial than the detrimental effect with older age
Alp Aslan¹, Andreas Schlichting², Karl–Heinz T. Bäuml²
¹Martin–Luther–University Halle–Wittenberg; ²Regensburg University

09:45 A memory state analysis of the truth effect
Lena Nadarevic, Edgar Erdfelder
University of Mannheim

10:00 The SCAN Model: Predicting Temporal Dynamics of Eye Movements during Memory Retrieval
René Schlegelmilch
University of Erfurt

10:15 Evaluative conditioning is sensitive to experimentally induced forgetting
Anne Gast
University of Cologne

Talk session
Verbal comprehension & language

H3 R. Rummer

09:00 A lateralized ERP index for the encoding of verbal material in the left hemisphere
Judith Koppehele–Gossel, Robert Schnuerch, Mario Bertram, Henning Gibbons
University of Bonn

09:15 Can actor gaze modulate the recent event preference during spoken sentence comprehension?
Dato Abashidze, Pia Knoeferle
Cognitive Interaction Technology Excellence Cluster, Department of Linguistics, Bielefeld University, Germany

09:30 Sex hormones, not sex matter: Postnatal sex hormone concentration in infants has an impact on sentence comprehension abilities at age 4 years
Gesa Schaadt¹,², Volker Hesse³, Angela D. Friederici²
¹Humboldt–Universität zu Berlin, Department of Cognitive Psychology; ²Max–Planck Institute for Human Cognitive and Brain Sciences, Department of Neuropsychology; ³German Center for Growth, Development and Health Encouragement in Childhood and Adolescents; Charité–University Medicine, Institute for Experimental Pediatric Endocrinology

09:45 Vowel frequencies in fictional names are affected by the facial expression of the to–be–named faces
Ralf Rummer, Judith Schweppе
University of Erfurt

10:00 The Influence of Pitch and Rhythm Processing on Phonological Tests
Berit Lindau¹, Hui Charles Li², Gottfried Schlaug³, Psyche Loui³
¹Universität zu Köln (University of Cologne); ²Beth Israel Deaconess Medical Center / Harvard Medical School, Boston; ³Wesleyan University, Middletown, CT
### Is there a bimodal advantage in language switching?

*Simone Schaeffner, Laia Fibla, Andrea M. Philipp*
*RWTH Aachen University*

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**Symposium**

**Kognition und Emotion in der Mensch-Technik-Interaktion**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>09:00</td>
<td><strong>Visuelle Suche bei App-Icons mit Ähnlichkeitsmanipulation</strong></td>
<td>Anna Katharina Trapp, André Pohl</td>
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<td><em>Technische Universität Berlin</em></td>
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<td>09:15</td>
<td><strong>(Gem)Einsam: Der Einfluss von sozialer Interaktion auf das Nutzungserleben und die Motivation älterer Menschen.</strong></td>
<td>Ingmar Wagner, Michael Minge, Manfred Thüring</td>
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<td><em>Technische Universität Berlin</em></td>
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<td>09:30</td>
<td><strong>Einfach und doch sicher: Die Wirkung von Passwortrichtlinien auf Websites</strong></td>
<td>Nina Bär¹, Steven Furnell²</td>
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<td></td>
<td><em>¹TU Chemnitz; ²Plymouth University, Plymouth, UK</em></td>
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<td>09:45</td>
<td><strong>„Snackomat“ – Eine Technologie zum Initiieren von Gesprächen zwischen Personen in Wartesituationen</strong></td>
<td>Michael Burmester, Magdalena Laib, Ralph Tille</td>
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<td><em>Stuttgart Media University</em></td>
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<td>10:00</td>
<td><strong>Flugzeuglärm und Leistungsveränderungen bei der Gepäckkontrolle am Flughafen</strong></td>
<td>Nils Backhaus, Katharina Becker</td>
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<td><em>Technical University Berlin</em></td>
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**Symposium**

**Effects of healthy aging on attentional and cognitive control as revealed by event-related brain potentials**

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<tr>
<th>Time</th>
<th>Title</th>
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<tr>
<td>09:00</td>
<td><strong>Age differences in automatic detection of rare stimuli in an auditory oddball experiment as revealed by the P3a component</strong></td>
<td>Stefan Berti¹, Matthias Gamer², Vossel Gerhard¹</td>
</tr>
<tr>
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<td><em>¹Johannes Gutenberg–University Mainz; ²University Medical Center Hamburg–Eppendorf</em></td>
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</table>
Aging and visual working memory: Evidence for an age-specific delay in filtering out distractors
Kerstin Jost¹, Ulrich Mayr², Tina Schwarzkopp¹
¹Institute of Psychology, RWTH Aachen University; ²Department of Psychology, University of Oregon

The effects of mental fatigue in younger and older adults – an ERP study
Tina Möckel¹, Christian Beste², Edmund Wascher¹
¹Leibniz Research Centre for Working Environment and Human Factors, Dortmund, Germany; ²Cognitive Neurophysiology, Department of Child and Adolescent Psychiatry, Faculty of Medicine of the TU Dresden, Germany

The influence of motivation on cognitive control: Event-related potentials (ERPs) reveal differential incentive effects in younger and older adults
Hannah Schmitt, Nicola Kristina Ferdinand, Jutta Kray
Saarland University Saarbrücken, Germany, Department of Psychology, Development of Language, Learning, and Action Unit

Neurophysiological correlates of attention and speech perception in a dynamic “cocktail-party” situation in younger and older adults
Stephan Getzmann, Christina Hanenberg
Leibniz Research Centre for Working Environments and Human Factors – IfADo, Dortmund

Motor planning and control: You interact faster with a human than a robot
Stephan de la Rosa, Maiken Lubkoll, Aurelie Saulton, Tobias Meilinger, Heinrich H. Büthoff, Rouwen Cañal-Bruland
Max Planck Institute for Biological Cybernetics

When objects become part of the body
Roman Liepelt¹, Thomas Dolk², Bernhard Hommel³
¹Institute for Psychology, Junior Group "Neurocognition of Joint Action", University of Muenster; ²Department of Psychology, Max-Planck-Institute for Human Cognitive and Brain Sciences, Leipzig, Germany; ³Cognitive Psychology Unit, and Leiden Institute for Brain and Cognition, Leiden University, Leiden, The Netherlands

The Value of Experimental Psychology in the Development of Teleoperation Systems
Verena Nitsch
Universität der Bundeswehr München

Embodied Learning Using a Tangible User Interface: The Effects of Haptic Perception and Interaction Mode on Learning, Cognitive Load, Motivation, and Usability
Alexander Skulmowski, Simon Pradel, Günter Daniel Rey
E-Learning and New Media, Institute for Media Research, TU Chemnitz

The Effects of Saturation on Web Site Trustworthiness, Appeal, and Perceived Usability
Yannik Augustin, Alexander Skulmowski, Simon Pradel, Günter Daniel Rey
E-Learning and New Media, Institute for Media Research, TU Chemnitz
Talk session
Oculomotion & gaze

G207

09:00 Subliminal oculomotor capture: The role of contrast polarity
Hanna Weichselbaum, Isabella Fuchs, Ulrich Ansorge
University of Vienna (Austria) – Department of Basic Psychological Research and Research Methods – Cognitive Psychology

09:15 The independence of orientation and luminance information in the oculomotor system
Luke Tudge1,2, Torsten Schubert1
1Humboldt-Universität zu Berlin; 2Berlin School of Mind and Brain

09:30 Saccades are faster when accompanied by motion toward the fovea
Dirk Kerzel
Faculté de Psychologie et des Sciences de l’Education Université de Genève

09:45 Keeping up at the Horse Race: Neural Mechanisms Underlying Parallel Programming of Automatic and Volitional Saccades
Tobias Talanow
Abteilung für Allgemeine Psychologie I, Universität Bonn

10:00 An Eye for Detail: Encoding the Social Gaze–cue in Multiple Object Tracking
Alisa Brockhoff, Markus Huff
University of Tübingen

10:15 Effects of gaze direction on perceived trustworthiness
Helene Kreysa
Friedrich-Schiller Universität Jena

Talk session
Modeling & diffusion models

G407

09:00 Applying Multi-Level Models to Response Time Data: A Power Analysis based on Monte Carlo Simulations
Ulf Kai Mertens, Andreas Voss,
University of Heidelberg

09:15 Diffusion Model Analyses for Slow Decisions
Andreas Voss, Veronika Lerche
University of Heidelberg

09:30 Test–Retest Reliability of the Parameters of the Ratcliff Diffusion Model
Veronika Lerche, Andreas Voss
University of Heidelberg

09:45 Response time modeling for finite-state models of recognition
Daniel W. Heck, Edgar Erdfelder
University of Mannheim
Naïve Bayes as a Default in Human Category Learning
Jana Jarecki, Björn Meder, Jonathan D. Nelson
Max Planck Institute for Human Development, Berlin
Talks, Tuesday, 11-12:30/12:40

Symposium
Cognitive Modeling in (Memory and) Decision Making II

H1  D. Kellen, T. Pachur, H. Singmann

11:00  Processing payoffs in a perceptional decision task
Adele Diederich
Jacobs University Bremen

11:15  Variants and invariants in description-based and experience-based decision making under risk
Thorsten Pachur, David Kellen, Ralph Hertwig
Max Planck Institute for Human Development

11:30  Modeling the sampling and choice behavior during decisions from experience: A sequential sampling approach
Timothy Joseph Pleskac1, Douglas Markant2, Adele Diederich2, Thorsten Pachur, Ralph Hertwig
1Center for Adaptive Rationality, Max Planck Institute for Human Development; 2Jacobs University

11:45  The pitfalls of modeling valuations from experience
Dirk U. Wulff, Thorsten Pachur
Center for Adaptive Rationality, Max Planck Institute for Human Development

12:00  What is Adaptive about Adaptive Decision Making? A Parallel Constraint Satisfaction Account
Andreas Glöckner1, Benjamin E. Hilbig3, Marc Jekel1
1University of Göttingen; 2MPI for Research on Collective Goods; 3University Koblenz / Landau

Discussant: Karl Christoph Klauer, Albert-Ludwigs-Universität Freiburg

Symposium
Prospective Memory – Current Trends and Theoretical Advances

H2  P. Schaper, T. Grundgeiger

11:00  The effects of absolute and relative importance on prospective memory
Stefan Walter, Beat Meier
University of Bern

11:15  Ongoing–task Interruption and Prospective Memory
Jan Rummel1, Ann–Katrin Wesslein2, Thorsten Meiser3
1Heidelberg University; 2University of Trier; 3University of Mannheim
11:30  Automatic and controlled processes in prospective memory retrieval, age, and time of day
Nicolas Rothen¹, Beat Meier²
¹Sackler Centre for Consciousness Science, Department of Psychology, University of Sussex (UK); ²Institute of Psychology, Experimental Psychology and Neuropsychology, University of Bern (Switzerland)

11:45  The effects of divided attention on commission errors in the delay execute paradigm
Philipp Schaper, Tobias Grundgeiger
Lehrstuhl für psychologische Ergonomie, Institut Mensch-Computer-Medien, Julius-Maximilians-Universität Würzburg

12:00  Is it gone, once it’s done? Mechanisms and Modulators of Intention Deactivation.
Marcus Möschl, Moritz Walser, Franziska Plessow, Thomas Goschke, Rico Fischer
Department of Psychology, Technische Universität Dresden

Symposium
A Multimethod Approach to Measure Risk-Taking Behavior

H3  R. Frey, A. Pedroni

11:00  Correlations between behavioral measures of risk taking, self reports, and real-life risk-taking behaviors
Renato Frey¹,², Andreas Pedroni¹, Ralph Hertwig³, Jörg Rieskamp¹
¹University of Basel; ²Max Planck Institute for Human Development, Berlin

11:15  The cognitive components of risk taking
Andreas Pedroni¹, Renato Frey¹, Adrian Bruhin², Gilles Dutilh¹, Bettina von Helversen¹, Ralph Hertwig³, Jörg Rieskamp¹
¹University of Basel; ²University of Lausanne; ³Max Planck Institute for Adaptive Reality

11:30  Measuring and Predicting Risk-Taking in a Real-Life Traffic Task
Oliver Schuermann¹, Andreas Pedroni¹, Renato Frey¹,², Ralph Hertwig, Jörg Rieskamp¹
¹Center for Economic Psychology, Department of Psychology, University of Basel; ²Max-Planck-Institut für Bildungsforschung, Berlin

11:45  Structural and functional neural correlates of risk taking in the balloon analogue risk task (BART)
Loreen Mamerow
University of Basel, Center for Cognitive and Decision Sciences

12:00  Using panel data, self-reports, and behavioral data to assess age differences in risk taking
Anika Karina Josef¹, David Richter², Gregory R. Samanez-Larkin³, Gerd G. Wagner¹,²,³, Ralph Hertwig¹, Rui Mata⁴
¹Max Planck Institute for Human Development; ²German Institute for Economic Research, Berlin; ³Yale University, New Haven, Connecticut; ⁴USA: Technical University of Berlin; ⁵University of Basel

Discussant: Tomás Lejarraga, Max Planck Institute for Human Development, Berlin
## Symposium

**Language and Emotion: More than just words**

### Talk session

#### Attention & compatibility effects

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<th>Session</th>
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<tr>
<td>11:00</td>
<td>Flanking Stroop – when Flanker interference impacts the Stroop effect</td>
<td>Alodie Rey-Mermet, Miriam Gade</td>
<td>University of Zurich, Department of Psychology, Cognitive Psychology Unit</td>
</tr>
<tr>
<td>11:15</td>
<td>Conflict broadens attention</td>
<td>Anita Körner, David Dignath, Constantin Schmidts</td>
<td>University of Würzburg</td>
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<tr>
<td>11:30</td>
<td>An inconsistency in the explanation of backward–crosstalk effects in dual–tasking.</td>
<td>Markus Janczyk</td>
<td>Eberhard Karls University Tübingen Department of Psychology</td>
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<tr>
<td>11:45</td>
<td>Inter–Trial Contingencies of Cueing Effects</td>
<td>Ulrich Ansorge</td>
<td>Fakultät für Psychologie Universität Wien</td>
</tr>
</tbody>
</table>
12:00 Multisensory top–down sets: Evidence for contingent crossmodal capture
Frank Mast¹, Christian Frings¹, Charles Spence²
¹Trier University, Faculty 1, Department of Psychology; ²University of Oxford, Department of Psychology

Talk session
Implicit measures

G307

11:00 Neuronal mechanisms of visual attention: A nonverbal measure combining eye-tracking and EEG
Louisa Valerie Kulke¹, Janette Atkinson¹,², Oliver Braddick²
¹University College London; ²University of Oxford

11:15 Cerebral correlates of faking the implicit association test
Sebastian Schindler
Department of Psychology, University of Bielefeld, Germany, Center of Excellence Cognitive Interaction Technology (CITEC), University of Bielefeld, Germany

11:30 Advances in the indirect measurement of beliefs – Introducing the Relational Responding Task
Niclas Heider, Adriaan Spruyt, Jan De Houwer
Ghent University

11:45 Eine experimentelle Validierung des Crosswise-Modells
Adrian Hoffmann¹, Birk Diedenhofen¹, Bruno J. Verschuere², Jochen Musch¹
¹Institut für Experimentelle Psychologie, Abteilung Diagnostik und Differentielle Psychologie, Heinrich-Heine-Universität Düsseldorf; ²Institut für klinische Psychologie, Universität Amsterdam, Niederlande, Institut für Psychologie, Universität Gent, Belgien, Institut für Psychologie und Neurowissenschaften, Maastricht, Niederlande

12:00 Implicit and explicit attitudes toward the ex–partner after (ex–)partner schema activation
Ursula Athenstaedt
Institute of Psychology, University of Graz

Talk session
Spatial cognition & perspective taking

G207

11:00 Spatial memory in the horizontal and vertical plane
Caroline Leroy¹, Mintao Zhao¹, Martin V. Butz², Heinrich H. Bülthoff¹, Tobias Meilinger¹
¹Max Planck Institute for Biological Cybernetics; ²Tübingen University
11:15  Learning a spatial search task with uncertain target locations: Insights from eye movement data  
Johanna Renker, Gerhard Rinkenauer  
Leibniz Research Centre for Working Environment and Human Factors, TU Dortmund

11:30  Delay does not influence the spatial representation of serial reach targets  
Immo Schütz¹, Denise Y. P. Henriques², Katja Fiehler¹  
¹Experimental Psychology, Justus–Liebig University Giessen; ²School of Kinesiology and Health Science, Center for Vision Research, York University, Toronto, ON

11:45  Connecting spatial and social cognition: the case of perspective-taking  
Thorsten Michael Erle¹, Fritz Strack¹, Sascha Topolinski²  
¹University of Würzburg; ²University of Cologne

12:00  On the role of mentalizing processes in aesthetic appreciation: An ERP study  
Susan Beudt, Thomas Jacobsen  
Experimental Psychology Unit, Helmut Schmidt University/ University of the Federal Armed Forces Hamburg

Talk session
No-Data Session 2

G407  A. Mojzisch

11:00  Die schwierige Beziehung von Aufmerksamkeit und Bewusstheit  
Sascha Müller  
Universität der Bundeswehr München, Fakultät für Humanwissenschaften, Department Psychologie

11:20  Analyse und Diagnostik räumlichen Denkens mittels Eye Tracking und Pupillometrie  
Benedict Fehringer  
Universität Mannheim, Lehrstuhl Bildungspsychologie

11:40  Neuronale Aktivierungskorrelate übungsinduzierter Veränderungen in kognitiven Kontrollfunktionen im hohen Lebensalter  
Sandra Dörrenbärcher  
Arbeitseinheit für Entwicklung von Sprache, Lernen und Handlung, Universität des Saarlandes

12:00  Wahrnehmung oder Aufmerksamkeit als Maß visueller Salienz?  
Alexander Krüger  
Leuphana Universität Lüneburg, Institut für Psychologie

12:20  Welche Kontrolle kann es über unbewusste Informationsverarbeitung geben?  
Sarah Esser  
Universität zu Köln, Abteilung: Allgemeine Psychologie I

Discussion:  
Christian Frings, University of Trier  
Andrea Kiesel, University of Würzburg  
Ingrid Scharlau, Leuphana University, Lüneburg
**Poster session, Tuesday, 15-17**

**Perception, consciousness**

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<td>Testing colorimetric measures of saturation</td>
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Christian Böffel, Jochen Müsseler  
*Work and Cognitive Psychology, RWTH Aachen University*

Florian Schiller, Matteo Valsecchi, Karl R. Gegenfurtner  
*Justus–Liebig–Universität Giessen*

Eduard Berndt, Fritz Günther, Lea Hölz, Emanuel Kaplik, Elke Kümmel, Felix Falkenberg, Theresa Wernet  
*University of Tübingen*

Christiane Glatz¹, Heinrich H. Bülthoff¹², Lewis L. Chuang¹  
¹*Max Planck Institute for Biological Cybernetics, Tübingen, Germany:* ²*Department for Brain and Cognitive Engineering, Seoul, South Korea*

Nina Flad¹, Heinrich H. Bülthoff¹², Lewis L. Chuang¹  
¹*Max Planck Institute for Biological Cybernetics, Tübingen, Germany:* ²*Department for Brain and Cognitive Engineering, Seoul, South Korea*

Melanie Schröder, Thomas Schmidt  
*University of Kaiserslautern Faculty of Social Sciences Experimental Psychology Unit*

Sarah Rohlfing  
*Leuphana Universität Lueneburg and Jade Hochschule Oldenburg*

Francesco Di Gregorio  
*Catholic university of Eichstatt–Ingolstadt*

Fares Lian Wallis, Felix Wilhelm Siebert, Friedrich Müller  
*Institute of Experimental Industrial Psychology, Leuphana University Lüneburg*
| T-11 | Individual differences in metacontrast masking – Influence of stimulus size and eccentricity  
Mareen Berndt, Uwe Mattler, Thorsten Albrecht  
University of Goettingen |
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Hannes Schröter, Daniel Bratzke, Teresa Birngruber  
University of Tübingen |
| T-13 | Asymmetric transfer effects between cognitive and affective task disturbances  
Wilfried Kunde, Robert Wirth, Roland Pfister  
Julius–Maximilians–University Wuerzburg |
| T-14 | Hands on the table! Stimulus–hand distance does not modulate the flanker effect, but the congruency sequence effect.  
Julia Valerie Englert, Dirk Wentura  
Saarland University |
| T-15 | Neural correlates of reconfiguration failure revealed by single–trial analysis of EEG data in task switching  
Robert Steinhauser, Marco Steinhauser  
Catholic University of Eichstätt–Ingolstadt |
| T-16 | The time course of positive and negative congruency effects in masked priming  
Sven Panis¹, Thomas Schmidt²  
¹postdoctoral researcher, University of Kaiserslautern, Faculty of Social Sciences, Experimental Psychology Unit; ²Professor of Experimental Psychology, University of Kaiserslautern, Faculty of Social Sciences, Experimental Psychology Unit |
| T-17 | Sprachmappung der Broca–Region mittels Transkranialer Magnetstimulation (TMS) – Anwendung eines phonologischen Bild–Wort–Interferenzparadigmas  
Johanna Blume–Schnitzler¹, Inga Lange¹, Katrin Sakreida¹, Georg Neuloh¹, Stefan Heim²  
¹Klinik für Neurochirurgie, Medizinische Fakultät, RWTH Aachen University, Aachen; ²Klinik für Psychiatrie, Psychotherapie und Psychosomatik, Medizinische Fakultät, RWTH Aachen University, Aachen, Forschungszentrum Jülich, Institut für Neurowissenschaften und Medizin (INM–1), Jülich, |
| T-18 | Event–related brain potentials when processing conflict distractors in a temporal flanker task  
Kerstin Jost¹,², Aquiles Luna–Rodriguez², Mike Wendt², Thomas Jacobsen²  
¹RWTH Aachen University, Institute of Psychology; ²Helmut Schmidt University/University of the Federal Armed Forces Hamburg, Experimental Psychology Unit |
| T-19 | Speaker separation and foreground–background selection in ambiguous listening situations  
Katharina Gandras, Alexandra Bendixen  
Auditory Psychophysiology Lab, Department of Psychology, Cluster of Excellence “Hearing4All”, European Medical School, Carl von Ossietzky University of Oldenburg, Oldenburg, Germany |
| T-20 | Activating the mental timeline: Does irrelevant spatial information influence the processing of time-related information? | Verena Eikmeier, Rolf Ulrich | University of Tübingen |
| T-21 | Asymmetrical oculomotor capture by motion and color singletons in dynamical visual search displays | Christian Valuch¹, Ulrich Ansorge² | ¹Cognitive Science Research Platform, University of Vienna; ²Faculty of Psychology, University of Vienna |
| T-22 | The construction plan for top–down sets: The task environment modulates contingent capture | Simon Tobias Merz, Christian Frings, Frank Mast | University of Trier |
| T-23 | N400 modulations underlying repeated prime presentation in associative priming paradigm | Alisa Aleshkovskaya, Michail Sopov | Saint Petersburg State University |
| T-24 | Response repetition effects in task switching depend on the risk of accidental response repetitions | Michel D. Druey | Universität Zürich, Institut für Psychologie / Allgemeine Psychologie (Kognition) |
| T-25 | Crossmodal odor–taste congruence – matching, liking & knowing | Sherlley Amsellem, Kathrin Ohla | German Institute of Human Nutrition, Potsdam–Rehbrücke, Nuthetal, Germany |
| T-26 | Saliency and the Speed of Visual Processing: A Novel Method Based on Temporal Order Judgments | Ingrid Scharlau¹, Jan Tünnermann², Alexander Krüger¹ | ¹Leuphana University of Lüneburg; ²University of Paderborn |
| T-27 | Covert shifts of attention to indexed spatial locations increase retrieval performance of verbal materials | Anja Prittmann, Agnes Scholz, Josef F. Krems | TU Chemnitz, Professur Allgemeine Psychologie I und Arbeitspsychologie |
| T-28 | Do alerting signals broaden the attentional beam? | Verena Carola Seibold, Bettina Rolke | University of Tübingen |

**Judgment & decision making**

| T-29 | Pupillary Evidence for Post–Error Slowing after Correct Trials | Johanna Kuhr, Sarah Maass, Simone A. Sprenger, Hedderik van Rijn | University of Groningen |
The influence of personality traits on information search and coherence shifts in legal decision making
Jana Reichhold¹, Dorothee Mischkowski¹, Andreas Glöckner¹,², Peter Lewisch³
¹University of Göttingen; ²Max Planck Institute for Research on Collective Goods; ³University of Vienna

The validity of Discrete–Option Multiple–Choice tests is not compromised by individual differences in answering strategy
Martin Papenberg, Jochen Musch
Heinrich–Heine–Universität Düsseldorf Institute of Experimental Psychology Department of Diagnostics and Differential Psychology

Workout your brain: Effects of motor–cognitive coordination training and cardiovascular training on cognitive functions
Katharina Christina Stenger¹, Verena Johann², Stephanie Kersten³, Julia Karbach²
¹Saarland University; ²Cognition & Development Lab. Goethe University, Frankfurt; ³Department of Sport Science, Saarland University

Expecting no conflict – self–generated rather than cue–induced expectations lead to adaptation to lack of conflict
Maike Kemper¹,², Robert Gaschler¹,², Valentin J. Umbach¹,², Sabine Schwager¹
¹Humboldt–Universität, Berlin; ²Universität Koblenz–Landau

Neuroanatomical changes following working memory training
Tiina Salminen¹, Johan Mårtensson², Simone Kühn³, Torsten Schubert¹
¹Humboldt–Universität zu Berlin; ²Department of Psychology, Lund University, Sweden; ³Max Planck Institute for Human Development

Direct haptic feedback benefits control performance during steering
Evangelia–Regkina Symeonidou¹, Mario Olivari¹, Heinrich H. Bülthoff¹,², Lewis L. Chuang¹
¹Department of Perception, Cognition and Action, Max Planck Institute for Biological Cybernetics, Tübingen; ²Department for Brain and Cognitive Engineering, Seoul, South Korea

Sequence Learning and the Process Dissociation Procedure: How estimates of implicit and explicit knowledge are biased in the absence of associative learning
Marius Barth
University of Cologne

Electrophysiological evidence for an active suppression of irrelevant mental representations in visuo–spatial working memory
Daniel Schneider, Edmund Wascher
Leibniz Research Centre for Working Environment and Human Factors

Examining visual working memory and aging by varying the retention–interval length: Evidence for an age–related delay in filtering
Tina Schwarzkopp¹, Ulrich Mayr², Kerstin Jost¹
¹RWTH Aachen University; ²University of Oregon
Neurophysiology of the concurrent costs of manual actions on working memory processes  
Rümeysa Gündüz, Thomas Schack, Dirk Koester  
Bielefeld University Psychology and Sports Science Faculty Center of Excellence Cognitive Interaction Technology (CITEC) Neurocognition and Action-Biomechanics Research Group

The Generalized Context Model provides a single-process account of two-dimensional false recognition data  
Roscoe F. J. W. Araujo, Frederik Aust, Christoph Stahl  
University of Cologne

Practice with Bandwidth-Feedback Facilitates Automatization in Motor-Learning  
Manfred Agethen, Daniel Krause  
University of Paderborn

The effect of emotional distress on experimentation skills in preschoolers  
Jeanette Piekny, Claudia Maehler, Werner Greve  
University of Hildesheim

Altersunterschiede in Verstärkung und Verminderung negativer Emotionen  
Maria Wirth, Ute Kunzmann  
Universität Leipzig

One thing at a time: The temporal dynamics of goal-shielding  
Benedikt Werner, Klaus Rothermund  
Max-Planck-Institute for Economics/Friedrich-Schiller-University Jena

Bodily reactions during reading of emotion words differentiate good from bad and self from other: Evidence from facial muscle activity, heart rate and electrodermal activity.  
Patrick Weis¹, Cornelia Herbert²  
¹International Max Planck Research School, Tübingen, Germany, Abteilung für Allgemeine Psychiatrie, Universität Tübingen, Germany; ²Institut für Psychologie und Pädagogik, Universität Ulm, Germany

I feel what I see. Overlap between affective and cognitive processing in the fear conditioned dual-stream RSVP task.  
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Christian-Albrechts-Universität zu Kiel

Stereotypes in face perception – Gender-derived expectations on probable emotional expressions influence spatial frequency perception  
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¹Friedrich-Schiller-University Jena; ²DFG Research Group ‘Person Perception’; ³Universität zu Lübeck
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University of Innsbruck

T–49 The role of fluency for the association between valence and left/right: Evidence from foot responses
Irmgard de la Vega, Julia Graebe, Leonie Härtner, Barbara Kaup
Universität Tübingen

T–50 Effects of emotional meaning in language processing: Evidence from event-related brain potentials in cross-modal comparison
Annika Graß, Wiebke Hammerschmidt, Mareike Bayer, Annekathrin Schacht
Courant Research Centre "Text Structures", Georg-August-Universität Göttingen

Sergio Cervera Torres, Susana Ruiz Fernández, Martin Lachmair, Peter Gerjets
Knowledge Media Research Center (KMRC)

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Kristin Seigies, Michael Oehl
Leuphana University Lüneburg

Social psychology

T–53 Semantic Relations in Asymmetric Dynamic Social Interactions
Markus Huff¹, Frank Papenmeier¹, Tobias Meilinger², Stephan de la Rosa²
¹University of Tübingen; ²MPI Tübingen

T–54 The influence of social support in a discriminatory situation on target’s protest behavior
Charlotte Sophie Diehl
Universität Bielefeld, CITEC Center of Excellence Cognitive Interaction Technology

T–55 Cross–gender differences in comprising the size of the female breast in weight estimations of female bodies
Tobias Matthias Schneider, Claus Christian Carbon
Department of General Psychology and Methodology, University of Bamberg, Bamberg, Germany
Bamberg Graduate School of Affective and Cognitive Sciences, Bamberg, Germany

Development, age, children

T–56 The effectiveness of two acute physical activity interventions on the inhibitory control of preschoolers
Marion Stein
University of Kassel, Institute for Psychology, Department of developmental Psychology
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<td>¹Department of Psychology, University of Muenster, Germany; ²Department of Neurology, University Hospital Cologne, Germany; ³Department of Experimental Psychology, University of Oxford, Oxford, United Kingdom</td>
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<td>¹Westfälische Wilhelms-Universität Münster; ²Klinik für Neurologie der Universität Köln</td>
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<td>Max Planck Institute for Human cognitive and Brain Sciences, Leipzig, Germany; German Institute of Human Nutrition, Potsdam–Rehbrücke, Nuthetal, Germany</td>
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<td>Richard Höchenberger, Kathrin Ohla</td>
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<td><em>German Institute of Human Nutrition Potsdam–Rehbrücke, Nuthetal, Germany</em></td>
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<td>Florian Bersch, Felix Wilhelm Siebert, Michael Oehl, Hans-Rüdiger Pfister</td>
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**Varia**

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<td>Daniel Krause¹, Manfred Agether², Frieder Beck³, Klaus Blischke³</td>
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<td>¹University of Paderborn; ²TU München; ³Saarland University</td>
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<td>Carolin Hahling, Mathias Hegele</td>
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<td><em>Neuromotor Behavior Lab, Justus–Liebig–University Giessen</em></td>
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<td><em>Saint Petersburg state university, department of psychology</em></td>
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<td>Sanne Berends¹, Laurie Stowe¹, Simone Annegret Sprenger¹, Susanne Brouwer², Monika Schmid³</td>
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<td>¹Center for Language and Cognition, University of Groningen, The Netherlands; ²Utrecht University; ³University of Essex, Colchester</td>
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Effects of dynamic postural control on mathematical performance and heart rate variability
Jan Kanty Mankowski¹, Diana Henz¹, Reinhard Oldenburg², Wolfgang Immanuel Schöllhorn¹
¹Institute of Sport Science, Johannes Gutenberg University of Mainz; ²Institute for Didactics of Mathematics, University of Augsburg

Rotation: Preferred own and perceived motion and their relation
Nacera Belala, Leonard Brauch, Thomas Heinen, Christina Bermeitinger
University of Hildesheim

How safety gear influences sensory information processing when using a tool
Oliver Simon Sack, Maryvonne Granowski, Christine Sutter
Work and Cognitive Psychology RWTH Aachen University
Talks, Tuesday, 17-18:30/18:40

Talk session
Accountability & negotiation

H1

17:00 The effects of process and outcome accountability on creative performance
Johanna U. Frisch¹, Jan A. Häusser¹, Stefan Schulz-Hardt²
¹University of Hildesheim; ²University of Göttingen

17:15 The Effects of Process and Outcome Accountability on Lossaversion
Arzu Cetin¹, Johanna U. Frisch¹, Jan A. Häusser¹, Stefan Schulz-Hardt²
¹University of Hildesheim; ²University of Göttingen

17:30 Prozess- vs. Ergebnisverantwortlichkeit bei Urteilen und Entscheidungen: Ein weiterer Fall nicht replizierbarer Befunde?
Stella Katherina Wanzel¹, Jan A. Häusser², Nadira Faulmüller³, Stefan Schulz-Hardt¹
¹Georg-August-Universität Göttingen; ²Universität Hildesheim; ³University of Oxford

17:45 (When) Do Prescriptive Norms Influence Causal Inferences?
Jana Samland, Michael Waldmann
University of Göttingen

18:00 Looking at my offer: Procedural framing of negotiation proposals affects the sender’s reference point of a transaction
Michael Weigl¹, David D. Loschelder², Malte Friese², Roman Trötschel³
¹Experimental Neuropsychology Unit, Saarland University; ²Department of Social Psychology, Saarland University; ³Department of Social and Organizational Psychology, Leuphana University

18:15 Overcoming the detrimental effects of intra- and interpersonal anger in negotiations with the help of if–then plans
Andreas Jäger, Malte Friese
Facility of Behavioral Sciences, Department of Psychology, Saarland University

Talk session
Memory

H2

17:00 Effects of load and distraction on alpha oscillations in a visual short term memory task
Niko A. Busch¹, Svea Schröder¹, Felix Ball²
¹Charité University Medicine Berlin, Institute for Medical Psychology; ²Otto-von-Guericke-Universität Magdeburg, Institut für Psychologie Otto-von-Guericke-Universität Magdeburg

17:15 Separating influences of sensory stimulation and memory load in a visual short term memory task
Sven Ohl, Martin Rolfs
Department of Psychology, Humboldt Universität zu Berlin
17:30 Generalization of Recognition Memory Models across YES/NO and Two–Alternative Forced–Choice Tasks Using Ternary Response Options
Quentin Frederik Gronau¹, Henrik Singmann², David Kellen³, Karl Christoph Klauer⁴
¹University of Amsterdam; ²University of Zurich; ³University of Basel; ⁴Albert-Ludwigs-Universität Freiburg

17:45 Comparing single–process and dual–process models of memory in a remember–know–new paradigm
Julia M. Haaf¹, Anjali Thapar², Christoph Stahl¹, Jeffrey N. Rouder³
¹University of Cologne, Department of Psychology; ²Bryn Mawr College; ³University of Missouri, Department of Psychological Sciences

18:00 Source Memory for Unrecognized Items – A Procedural Artifact
Simone Malejka, Arndt Bröder
University of Mannheim

18:15 Integrated audio–visual information transfers to long–term memory
Hauke S. Meyerhoff¹, Markus Huff²
¹Knowledge Media Research Center; ²Department of Psychology, University of Tübingen

Talk session
Potpourri

H3

E. Wascher

17:00 Job satisfaction, job security and organizational commitment at a temporary research project
Julia Bastian
Leuphana Universität Lüneburg Innovations-Inkubator Teilnahme 1.4 Graduate School

17:15 The level of expertise shapes the magnitude of adaptation aftereffects in biological representations
Antonia Reindl¹, Tilo Strobach²,³, Carola Becker¹,⁴, Gerhard Scholtz¹,⁴, Torsten Schubert¹,²
¹Cluster of Excellence »Image Knowledge Gestaltung. An Interdisciplinary Laboratory« Humboldt–Universität zu Berlin; ²Department of Psychology, Humboldt–Universität zu Berlin; ³Department of Psychology, University of Hagen; ⁴Department of Biology, Humboldt–Universität zu Berlin

17:30 What does it mean to be mentally fatigued?
Edmund Wascher, Melanie Karthaus, Tina Möckel, Stephan Getzmann
Leibniz Research Centre for Working Environment and Human Factors

17:45 „Feeling smart“ – A refreshing talk on how caffeine really enhances your brain
Susann Ullrich, Kathrin Ohla
German Institute of Human Nutrition Potsdam–Rehbrücke, Nuthetal, Germany

18:00 Non-perceptual factors in offside situations in soccer
Frowin Fasold¹, Peter Wühr², Daniel Memmert¹
¹German Sport University Cologne; ²TU Dortmund University
Talk session

(Emotional) face perception

H4  M. Bilalic

17:00  The Faces in Radiological Images – Fusiform Face Area Supports Radiological Expertise
Merim Bilalic
Alpen-Adria University Klagenfurt Department of Cognitive Psychology

17:15  Exploring the Other–Race Effect in Working Memory
Marleen Stelter, Juliane Degner
Universität Hamburg

17:45  Emotion sensitivity and task instruction affect brain activity and working memory performance for emotional faces
Peter Klaver¹, Anastasios Ziogas¹, ²
¹University of Zurich, Department of Psychology; ²Psychiatric University Hospital Zurich

18:00  Categorical Perception of Emotion Expressions in Wholes and Parts of Faces.
Martin Wegrzyn, Isabelle Bruckhaus, Johanna Kissler
Bielefeld University

18:15  Deviating deviants – an ERP study using emotional stimuli in a visual oddball paradigm
Christina Müller, Nathalie Fritsch, Kim Sara Krause, Lars Kuchinke
Ruhr Universität Bochum

Symposium
Cognitive Control

Musiksaal  N. K. Ferdinand

17:00  The influence of task complexity on the electrophysiological correlates of feedback processing in old age
Nicola Kristina Ferdinand, Jutta Kray
Saarland University

17:15  The influence of uncertain feedback on learning and feedback–related brain activity
Benjamin Ernst, Marco Steinhauser
Catholic University of Eichstätt–Ingolstadt
17:30  Electrophysiological Correlates of Task Switching under Uncertainty  
Florian Lange, Caroline Seer, Dorothea Müller, Bruno Kopp  
Hannover Medical School, Department of Neurology

17:45  The effects of experimentally induced positive and negative mood on feedback processing: An ERP study  
Aline Dillinger, Nicola Kristina Ferdinand, Jutta Kray  
Saarland University

18:00  The influence of a motivational game setting on a task-switching training in middle childhood  
Sandra Dörrenbächer, Philipp Matthias Müller, Johannes Tröger, Jutta Kray  
Saarland University

Symposium  How do we solve demanding situations – a discussion on driver skills and abilities

G307  M. Schwalm, S. Ladwig

17:00  Driver strategies in the context of multiple tasks: An inverse approach  
Gudrun Mechthild Irmgard Voß, Maximilian Schwalm, Stefan Ladwig  
RWTH Aachen University

17:15  A simulator study of investigating the effects of different worksites on driver behavior  
Eva–Maria Skottke1, Max Haberstroh2, Christian Scotti3  
1HMKW Campus Köln FB Medien & Wirtschaftspsychologie; 2ZLW–IMA, RWTH Aachen University; 3ISAC, RWTH Aachen University

17:30  Texting while driving as a dual-task situation resulting in changes in workload and performance parameters  
Stephanie Hofmann1, Hiltraut Paridon1,2, Fanny Schreiber1  
1TU Dresden; 2Institut für Arbeit und Gesundheit der Deutschen Gesetzlichen Unfallversicherung (IAG)

17:45  Real-time assessment of demanding driving scenarios  
Matthias Beggiato, Josef F. Krems  
Technische Universität Chemnitz

18:00  Consequences of high cognitive workload on driving behavior  
Odette Mantzke1, Roman Vilimek2, Andreas Keinath2  
1Bertrandt Ingenieurbüro GmbH; 2BMW Group

Talk session  Body, perception, & (inter)action

G207  M. Rieger

17:00  What is chosen first, the hand used for reaching or the target that is reached?  
Oliver Herbort  
Julius–Maximilians–Universität Würzburg
17:15 Posture vs. location recall: manual asymmetries in frames of reference?
Christian Seegelke¹, Charmayne M. L. Hughes², Kathrin Wunsch³, Robrecht P. R. D. van der Weel⁴, Matthias Weigelt⁵
¹CITEC Bielefeld University; ²Nanyang Technological University Singapore; ³University of Freiburg; ⁴Rutgers University; ⁵University of Paderborn

17:30 Looking at me? Influence of facing orientation of avatars and objects on distance estimation
Celia Foster¹, Kohske Takahashi², Simone Kurek¹, Chantal Horeis¹, Max Juri Bäuerle¹, Stephan de la Rosa¹, Katsumi Watanabe², Martin V. Butz³, Tobias Mellinger¹
¹Max Planck Institute for Biological Cybernetics; ²The University of Tokyo; ³The University of Tübingen

17:45 The perception of relative speed of two bodies as a function of independent observer movement
Tobias Meilinger¹, Bärbel Garsoffky², Chantal Horeis¹, Stephan Schwan²
¹Max-Planck-Institut für biologische Kybernetik; ²Leibniz-Institut für Wissensmedien

18:00 Execution Benefits Action Imagery
Martina Rieger
UMIT, Hall in Tirol

18:15 Movement, successive presentation and environmental structure and their influence on spatial memory in vista and environmental space
Marianne Strickrodt¹, ², Tobias Meilinger¹
¹Max Planck Institute for Biological Cybernetics; ²Justus Liebig University Giessen, Experimental Psychology and Cognitive Science

Talk session
No-Data Session 3
Deduktiver und induktiver Grammatikerwerb beim Fremdsprachenlernen

Katharina Braungart
Eberhard Karls Universität Tübingen, Graduiertenschule LEAD

Diskussion:
Arndt Bröder, Universität Mannheim, School of Social Sciences
Andreas Glöckner, University of Göttingen & MPI for Research on Collective Goods
Jan Rummel, Heidelberg University
Program Wednesday

Talks, Wednesday, 9-10:30

Talk session
Judgment & decision making II

<table>
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<tr>
<th>Time</th>
<th>Title</th>
<th>Authors</th>
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<tbody>
<tr>
<td>09:00</td>
<td>Distractor–based SR binding retrieves decisions as well as motor programs</td>
<td>Nadine Nett, Christian Frings</td>
<td>University Trier</td>
</tr>
<tr>
<td>09:15</td>
<td>The impact of cognitive effort on information integration in memory–based inferences</td>
<td>Marta Castela¹, Benjamin E. Hilbig², Martha Michalkiewicz¹, Rüdiger F. Pohl¹, Edgar Erdfelder¹</td>
<td>¹University of Mannheim; ²University of Koblenz–Landau</td>
</tr>
<tr>
<td>09:30</td>
<td>Explaining individual differences in use of the recognition heuristic: The impact of need for cognition and faith in intuition</td>
<td>Martha Michalkiewicz, Barbara Minich, Edgar Erdfelder</td>
<td>University of Mannheim</td>
</tr>
<tr>
<td>09:45</td>
<td>Using the recognition heuristic in highly selected item sets from domains with the same or with different recognition validities</td>
<td>Rüdiger Pohl, Martha Michalchiewicz, Edgar Erdfelder, Benjamin E. Hilbig</td>
<td>Department of Psychology School of Social Sciences University of Mannheim</td>
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<tr>
<td>10:00</td>
<td>Colors make the man... and get you the job! Halo effects in job application as a function of shirt color and the Big Two</td>
<td>Michael Gräf</td>
<td>University of Mannheim</td>
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Talk session
Priming

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<th>Time</th>
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<tbody>
<tr>
<td>09:15</td>
<td>Visuomotor priming of power and precision grips</td>
<td>Iris Güldenpenning¹, Christian Seeligke², Thomas Schack²</td>
<td>¹Paderborn University; ²Bielefeld University</td>
</tr>
</tbody>
</table>
Spatial Negative Priming: In Touch, It’s All About Location, Location, Location
Ann-Katrin Wesslein, Charles Spence, Frank Mast, Christian Frings
1 University of Trier, 2 University of Oxford

Subliminal primes elicit independent motor responses
Christoph Schütz, Iris Güldenpenning, Thomas Schack
1 Bielefeld University; 2 University of Paderborn

Subliminal priming of the goalkeeper’s position in penalty kicking
Benjamin Noël, John van der Kamp, Daniel Memmert
Institute of Cognitive and Team/Racket Sport Research, Deutsche Sporthochschule Köln

Unconscious Conflict Accumulation – A Closer Look at Unconsciously Triggered Sequential Conflict Adaptation
Heiko Reuss, Andrea Kiesel, Markus Janczyk, Wilfried Kunde
1 Julius-Maximilians-Universität Würzburg; 2 Eberhard Karls Universität Tübingen

Symposium
Neural bases of predictive processing in speech and language

H3
M. Scharinger, A. Tavano

Fronto–temporal prediction optimally tunes perception and learning of degraded speech
Ediz Sohoglu
UCL Ear Institute, London, UK

Modulation of speech and language functions with TMS
Gesa Hartwigsen
Biological Psychology Department of Psychology Christian–Albrechts–University Kiel

Anticipating words and word categories during reading: Extracting the neural substrates of predictive linguistic processes via combined fMRI and eye tracking
Corinna Eirene Bonhage
Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig; Institute of Cognitive Science, University of Osnabrueck

In a multi–talker scene, neural oscillatory speech–tracking depends on interactions of selective attention and speech acoustics
Johanna Maria Rimmele, Elana Zion Golumbic, Erich Schröger, David Poeppel
1 Department of Neurophysiology and Pathophysiology University Medical Center; 2 Gonda Center for Brain Research, Bar Ilan University, Israel, and Department of Psychiatry; 3 Institute of Psychology, University of Leipzig, Germany; 4 Department of Psychology and Center for Neural Science New York University New York, NY and Max–Planck Institute for Empirical Aesthetics
10:00  Top-down and bottom-up predictability effects in speech perception  
Alessandro Tavano  
*Institute of Psychology, University of Leipzig, Germany*

10:15  Oscillatory dynamics of lexical predictions in the perception of speech sounds  
Mathias Scharinger  
*Biocog – Cognitive incl. Biological Psychology University of Leipzig Germany*

Symposium  
**Intuition and insight: Two fundamentally different non-conscious (solution) processes? (Part I)**

**H4**  
T. Zander, K.G. Volz

09:00  Examining similarities and differences of intuitive and insight solution processes  
Thea Zander, Kirsten G. Volz  
*Centre for Integrative Neuroscience, University of Tübingen*

09:15  Understanding intuition from the perspective of fringe consciousness  
Elisabeth Norman  
*University of Bergen*

09:30  Does sleep transform intuition into insight?  
Rolf Verleger¹, Juliana Yordanova², Vasil Kolev³,  
¹Dept. of Neurology, Universitätsklinikum Schleswig–Holstein, and Institute of Psychology II, University of Lübeck; ²Dept. of Neurology, University of Lübeck, and Institute of Neurobiology, Bulgarian Academy of Sciences Sofia

09:45  Intuition and the Aha–experience  
Rolf Reber, Øystein Olav Skaar  
*University of Oslo*

10:00  Generation and the subjective feeling of „aha!“: Independent contributions to learning from insight  
Hannes Thürich¹, Jasmin M. Kizilirmak¹, Joana Galvao Gomes da Silva², Fatma Imamoglu³, Alan Richardson–Klavehn¹  
¹Otto–von–Guericke–University, Magdeburg, Germany; ²CogNovo, Plymouth University, UK; ³Helen Wills Neuroscience Institute, University California Berkeley, CA, USA, Berkeley

10:15  Discussion  

Symposium  
**Prioritization in Dual-Task Control**

**Musiksaal**  
A. Pieczykolan, T. Strobach

09:00  Limits of introspection in dual–task performance: What about motor interference?  
Daniel Bratzke, Donna Bryce  
*University of Tübingen*
09:15  Oculomotor dominance in multitasking – conflict resolution in cross-modal action  
Aleksandra Pieczykolan, Lynn Huestegge  
University of Würzburg

09:30  Prioritization strategies in continuous dual-task performance  
Michael B. Steinborn¹, Lynn Huestegge²  
¹Department of Psychology III, University of Wuerzburg; ²Department of Psychology III, University of Würzburg

09:45  Task pair switching in the PRP paradigm and the role of inhibition  
Patricia Cichecki, Sophie Nolden, Iring Koch  
Cognitive and Experimental Psychology, Institute of Psychology, RWTH Aachen University

10:00  Improved dual–task performance after practice due to efficient task instantiation  
Tilo Strobach, Torsten Schubert  
Humboldt University Berlin

Symposium  
How and What Am I Doing? New Findings on Metacognitive Monitoring and Control  

G207  
09:00  Diagnosticity and Utility of Response Latency in Delayed Judgments-of-Learning  
Eftychia Volz–Sidiropoulou, Siegfried Gauggel  
RWTH Aachen–University Hospital Department of Medical Psychology and Medical Sociology

09:15  Perceptual Fluency Contributes to Size Effects on Judgments of Learning  
Monika Undorf, Malte F. Zimdahl  
University of Mannheim

09:30  Loud = Better! Metacognitive Illusions about Volume Transfer to Source Memory and Bias Source Attributions  
Beatrice G. Kuhlmann  
Heinrich–Heine–Universität Düsseldorf

09:45  The impact of disfluency on metacognitive monitoring and control  
Elisabeth Pieger, Christoph Mengelkamp, Maria Bannert  
Instructional Media, University of Wuerzburg

10:00  Metacognitive accuracy in attentional performance  
Barbara Drüke  
Department of Medical Psychology and Medical Sociology, RWTH Aachen University

Symposium  
R: Statistics at your command  

G407  
09:00  RKWard: A cross–platform graphical user interface and development environment for R  
Thomas Friedrichsmeyer¹, Meik Michalke²  
¹Ruhr–University Bochum; ²Heinrich–Heine–University Düsseldorf
09:15  papaja: Create publication-ready manuscripts in R
Frederik Aust, Marius Barth
University of Cologne

09:30  Make packages, not scripts! How roxyPackage makes sharing your code a no-brainer
Meik Michalke
Heinrich-Heine-Universität Düsseldorf Institut für Experimentelle Psychologie Abt. für Diagnostik und Differentielle Psychologie

09:45  The ndl package: a tool for computational models of discrimination learning.
Cyrus Shaoul¹, Petar Millin¹, Michael Ramscar¹, Antti Arppe², Samuel Bitschnau¹, Peter Hendrix¹, Harald Baayen¹
¹University of Tuebingen; ²University of Alberta

10:00  TreeBUGS: A Tool for Hierarchical MPT Modeling using BUGS
Nina Rebecca Arnold¹, Denis Arnold²
¹University of Mannheim; ²Eberhard-Karls-Universität Tübingen
Talks, Wednesday, 11-12:30

**Talk session**

**Judgment & decision making: Social perspectives**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker 1</th>
<th>Speaker 2</th>
<th>Institution</th>
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<tbody>
<tr>
<td>11:00</td>
<td>Modeling Social Influence on Human Decision-Making with Reinforcement Learning Theory</td>
<td>Lei Zhang, Jan Gläscher</td>
<td></td>
<td>University Medical Center Hamburg Eppendorf</td>
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<td>11:30</td>
<td>Accurately perceived, falsely retrieved: Illusory correlations originate from biased retrieval of accurately encoded contingencies</td>
<td>Michael Weigl, Axel Mecklinger, Timm Rosburg</td>
<td></td>
<td>Experimental Neuropsychology Unit, Saarland University</td>
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<td>11:45</td>
<td>Gedächtnisverzerrungen als Grund für schlechte Gruppenentscheidungen?</td>
<td>Annika Nora Giersiepen, Stefan Schulz-Hardt</td>
<td></td>
<td>Georg-August-University Göttingen</td>
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**Talk session**

**Motor & sequential learning**

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<tr>
<th>Time</th>
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<th>Institution</th>
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<tr>
<td>11:00</td>
<td>Modality Shifting in Sequence Learning</td>
<td>Iris Blotenberg¹, Denise Nadine Stephan², Iring Koch²</td>
<td></td>
<td>University of Marburg: ¹RWTH Aachen University</td>
</tr>
<tr>
<td>11:15</td>
<td>How does EmiL feel? Emotional Implicit Sequence Learning</td>
<td>Clara Hellweg¹, Maximilian Theisen¹, Nicola K. Ferdinand², Christina Bermeitinger</td>
<td></td>
<td>Universität Hildesheim: ¹Universität des Saarlandes</td>
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<td>11:30</td>
<td>Early motor memory consolidation: Modulation by non-invasive transcranial alternating and direct current stimulation</td>
<td>Vanessa Krause, Anna Meier, Lars Dinkelbach, Bettina Pollok</td>
<td></td>
<td>Heinrich-Heine-University Düsseldorf</td>
</tr>
<tr>
<td>11:45</td>
<td>Directed forgetting in motor learning</td>
<td>Tobias Tempel, Christian Frings</td>
<td></td>
<td>Universität Trier</td>
</tr>
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</table>
12:00  Impact of creativity, selective attention and automatic execution on visuomotor adaptation: processing stages in skill acquisition?  
Anja Marie Simon, Otmar Bock  
Deutsche Sporthochschule Köln. Institut für Physiologie und Anatomie

12:15  Aufmerksamkeitsfokus beim motorischen Lernen: Überlegenheit des internen Fokus bei einer körperorientierten Gleichgewichtsaufgabe  
Svetlana Nowak, Gisela Müller-Plath  
Technische Universität Berlin

Talk session  
Reading

H3  
11:00  Associated Valence Modulates Early Event–Related Potentials during Reading  
Mareike Bayer, Annika Graß, Annekathrin Schacht  
Universität Göttingen

11:15  Letters in the forest: global precedence effect disappears for letters but not for non–letters under reading–like conditions  
Andreas Schmitt, Wouter Braet, Cees van Leeuwen, Thomas Lachmann  
Cognitive and Developmental Psychology Center for Cognitive Science TU Kaiserlautern

11:30  Short–term memory for serial order information co–develops with reading skills in elementary school children  
Wibke Maria Hachmann1, Francesca Postiglione2,  
1Cognitive and Developmental Psychology, Center for Cognitive Science, University of Kaiserslautern; 2Department of Cognitive Science and Psychology, and Center for Mind and Brain Scicences, Uni Trento, Italy

11:45  Children’s and adults’ generation of online emotional inferences in written and auditory texts  
Anna Katharina Diergarten, Gerhild Nieding  
Julius–Maximilians–Universität Würzburg

12:00  Resting–state brain connectivity of functional illiterates  
Melanie Boltzmann1, Bahram Mohammadi2, Thomas F. Münte3, Jascha Rüsseler1  
1University of Bamberg; 2International Neuroscience Institute; 3University of Lübeck

Symposium  
Intuition and insight: Two fundamentally different non-conscious (solution) processes? (Part II)

H4  
11:00  Loosing gut feeling: Preliminary results on impaired intuition in patients with Major Depressive Disorder  
Carina Remmers  
University of Hildesheim. Clinical Psychology
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<tr>
<th>Time</th>
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<th>Speaker(s)</th>
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<tr>
<td>11:15</td>
<td>Can specific emotions be detected shortly before an insight solution occurs?</td>
<td>Amory H. Danek, Division of Neurobiology, Department Biology II, Ludwig–Maximilians-Universität München</td>
</tr>
<tr>
<td>11:30</td>
<td>Triggering insight externally – The role of solution cues</td>
<td>Judit Petervari¹, Amory Danek², Queen Mary University of London, Ludwig–Maximilians-Universität München</td>
</tr>
<tr>
<td>11:45</td>
<td>Moving hands and jars: Interaction of sensorimotor information and problem presentation</td>
<td>Karsten Werner¹, Martin H. Fischer², German Sport University – GSU, Division of Cognitive Science, University of Potsdam</td>
</tr>
<tr>
<td>12:00</td>
<td>Same or different? A synopsis.</td>
<td>Kirsten G Volz, Werner Reichardt Center for Integrative Neuroscience</td>
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<td>12:15</td>
<td>General Discussion</td>
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**Attention**

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<tr>
<td>11:00</td>
<td>Visual search for letters and words in letter arrays: performance and eye movements</td>
<td>Maria Falikman, Sergey Yazykov, Lomonosov Moscow State University</td>
</tr>
<tr>
<td>11:30</td>
<td>Evidence for feature binding in guided and non-guided visual attention deployment within the framework of the response selection bottleneck</td>
<td>Christina Reimer, Clemens Nündel, Torsten Schubert, Humboldt–Universität zu Berlin</td>
</tr>
<tr>
<td>11:45</td>
<td>Task inhibition across stimulus modalities</td>
<td>Magali Kreutzfeldt, Klaus Willmes, Iring Koch, RWTH Aachen University</td>
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<tr>
<td>12:00</td>
<td>Inattentional blindness is influenced by exposure time not motion speed</td>
<td>Carina Kreitz, Deutsche Sporthochschule Köln</td>
</tr>
</tbody>
</table>
12:15  Naso–Temporal ERP Differences: Evidence for Increased Inhibition of Temporal Distractors
Christoph Huber-Huber¹, Anna Grubert², Ulrich Ansorge¹, Martin Eimer²
¹Department of Basic Psychological Research and Research Methods, University of Vienna; ²School of Psychology, Birkbeck College, University of London

Symposium
Spatial cognition – Wayfinding

G207  F. Röser, K. Hamburger

11:00  Parallel Exploration and Sketchmapping: A new approach for the visualization of spatial perception and learning processes
Rul von Stülpnagel¹, Carina Hoppenz¹, Julia Frankenstein¹,²
¹Universität Freiburg, Abteilung für Kognitionswissenschaft; ²Universität Mannheim, Lehrstuhl für Bildungspychologie

11:15  Mental mapping impossible environments
Tobias Meilinger, Agnes Henson, Heinrich H. Bülthoff
Tübingen University

11:30  Do you still know how to get there? Effects of cognitive ageing on route memory
Mary O’Malley, Anthea Innes, Jan Wiener
Bournemouth University

11:45  Language cues in the formation of hierarchical representation of space
Wiebke Schick, Marc Halfmann, Gregor Hardiess, Hanspeter A. Mallot
Cognitive Neuroscience Dept. of Biology Faculty of Science University of Tübingen

12:00  There and back again – Landmark-based wayfinding
Kai Hamburger, Thomas Hinterecker, Florian Röser
Justus-Liebig University Giessen Experimental Psychology and Cognitive Science

12:15  Whereabouts are you headed? – Structural aspects of landmark selection for route descriptions
Marianne Strickrodt, Florian Röser, Kai Hamburger
Justus Liebig University Giessen, Experimental Psychology and Cognitive Science

Talk session
Experimentation

G407  B. E. Hilbig

11:00  Was, wenn Debriefings wirkungslos wären?
Stefanie Miketta, Malte Friese
Saarland University

11:15  The Being a Patient effect – Group labelling affects patient performance in clinical research
Katharina A. Schwarz
Department of Systems Neuroscience, University Medical Center Hamburg–Eppendorf
11:30  Online vs. Offline – Ein systematischer Vergleich zwischen Online- und Laborexperiment
Markus Burkhardt
TU Chemnitz

11:45  Reaction time effects can be detected reliably in web-experiments
Benjamin E. Hilbig
Universität Koblenz–Landau
Talks, Wednesday, 15-16:30

Symposium
Group Performance and Collective Decision-Making

**H1**

15:00  The effects of regulatory focus on verbal and non-verbal interaction patterns during group decision-making  
Michael Josef Burtscher¹, Klaus Jonas¹, Christian Bucher¹, Sebastian Feese², Gerhard Tröster³  
¹University of Zurich; ²ETH Zurich

15:15  Advice Taking in Groups and Individuals  
Thomas Schultz¹, Andreas Moizisch², Stefan Schulz-Hardt¹  
¹Georg-August-Universität Göttingen, Georg-Elias-Müller-Institut für Psychologie; ²University of Hildesheim

15:30  Sleep Deprivation and Advice Taking  
Jan Häusser¹, Johannes Leder¹, Charlene Ketturat¹, Martin Dresler², Nadira Faulmüller³  
¹University of Hildesheim; ²University of Nijmegen; ³University of Oxford

15:45  A Cognitive Explanation for Preference-Consistent Information Sampling in Group Decision-Making  
Andreas Moizisch¹, Annika Giersiepen¹, Jan A. Häusser¹, Nadira Faulmüller², Stefan Schulz-Hardt³  
¹University of Hildesheim; ²University of Oxford; ³Georg-August-Universität Göttingen

16:00  Compensatory Motivation Following Unintentional Group Norm Violations: Evidence from Professional Soccer  
Joachim Hüffmeier¹, Thomas Schultz²  
¹Federal Institute of Occupational Safety and Health, Dortmund, Germany, and Technical University Dortmund, Germany; ²Georg-August-Universität Göttingen

Symposium
Breaking the rules: Cognitive mechanisms and behavioral signatures of non-conformity

**H3**

15:00  Difficulties and aftereffects of rule violations  
Robert Wirth, Roland Pfister, Anna Foerster, Wilfried Kunde  
University of Würzburg

15:15  Electrophysiological correlates in rule reversals and rule violations  
Mike F. Imhof, Jascha Rüsseler  
Department of Experimental Psychology, University of Bamberg, Bamberg Graduate School of Affective and Cognitive Sciences, Bamberg
15:30 Smooth criminal: Profound cognitive flexibility of convicted rule-breakers
Aiste Jusyte\textsuperscript{1,2}, Roland Pfister\textsuperscript{3}, Sarah Verena Mayer\textsuperscript{2}, Katharina Alexia Schwarz\textsuperscript{4}, Robert Wirth\textsuperscript{3}, Michael Schönenberg\textsuperscript{2}
\textsuperscript{1}LEAD Graduate School, University of Tübingen; \textsuperscript{2}Department of Clinical Psychology and Psychotherapy, University of Tübingen; \textsuperscript{3}Department of Psychology, University of Würzburg; \textsuperscript{4}Department of Systems Neuroscience, University Medical Center Hamburg–Eppendorf

15:45 Unethical behavior in economic decision-making paradigms: What criminals can teach us about fairness norms
Sarah Verena Mayer\textsuperscript{1}, Aiste Jusyte\textsuperscript{1,2}, Michael Schönenberg\textsuperscript{1}
\textsuperscript{1}Department of Clinical Psychology and Psychotherapy, University of Tübingen; \textsuperscript{2}LEAD Graduate School, University of Tübingen

16:00 The Implicit Cognition of Lying
Franziska Schreckenbach, Nicolas Koranyi, Klaus Rothermund
\textit{Friedrich–Schiller University Jena}

16:15 Can Reaction Time Measures Differentiate between Truthful and Deceptive Responses? – A Meta-Analysis
Kristina Suchotzki\textsuperscript{1,2}, Bruno Verschuere\textsuperscript{3}, Bram Van Bockstaele\textsuperscript{3}, Gershon Ben-Shakhar\textsuperscript{4}, Geert Crombez\textsuperscript{1}
\textsuperscript{1}Ghent University; \textsuperscript{2}University of Würzburg; \textsuperscript{3}University of Amsterdam, \textsuperscript{4}The Hebrew University of Jerusalem

Talk session
Various modalities (tactile, odor, taste stimuli)

\textit{Musiksaal} \hspace{1cm} \textit{S. Brandenburg}

15:00 In touch with VWM: Selective interference between tactile stimulation and visual representations of rotations
Johannes Lohmann, Martin Butz
\textit{University of Tübingen}

15:15 Tactile stimuli increase effects of modality compatibility in task switching
Denise Nadine Stephan, Iring Koch
\textit{Institute of Psychology RWTH Aachen University}

15:30 tactile picture recognition and correlations with symmetry, complexity, image agreement and familiarity.
Anila Mukhtar
\textit{Karachi University Pakistan}

15:45 Olfaction influences steering behavior: Why cars shouldn’t smell bad
Stefan Brandenburg
\textit{Technische Universität Berlin}

16:00 Odor emotional quality predicts odor identification
Anne-Kathrin Bestgen
\textit{Ruhr–Universität Bochum}
16:15  Taste quality decoded – dynamic brain response patterns parallel taste sensations
Kathrin Ohla¹, Niko A. Busch²,³, Sebastian M. Crouzet²
¹German Institute of Human Nutrition Potsdam-Rehbrücke, Nuthetal, Germany; ²Institute of Medical Psychology, Charité University Medicine, Berlin, Germany; ³Berlin School of Mind and Brain, Humboldt-University, Berlin, Germany

Symposium
Vestibular Cognition: Affect, Space and Body Representation

G207  F. W. Mast

15:00  Acrophobia impairs visual exploration and balance during standing and walking
Thomas Brandt, Günter Kugler, Roman Schniepp, Max Wuehr, Doreen Huppert
German Center for Vertigo and Balance Disorders, University of Munich

15:15  The effect of emotional information on vestibular perception
Nora Preuss, Andrew W. Ellis, Fred W. Mast
Department of Psychology, University of Bern

15:30  Suspending the dynamic representation of gravity
Heiko Hecht, Nuno De Sá Teixeira
Johannes Gutenberg-Universität Mainz

15:45  Vestibular contributions to spatial aspects of the bodily self
Christian Pfeiffer
Ecole Polytechnique Fédérale de Lausanne

16:00  Mental Imagery in the Vestibular Domain
Fred W. Mast
University of Bern, Department of Psychology

Symposium
The Reproducibility Project: Estimating the Reproducibility of Psychological Science

G407  S. Fiedler

15:00  Reproducibility Project: Background and Motivation
Georg Jahn
University of Lübeck

15:15  Reproducibility Project: Design
Hedderik van Rijn
University of Groningen

15:30  Reproducibility Project: Results
Frank Renkewitz
Department of Psychology, University of Erfurt
15:45  The Reproducibility Project: Implications
Susann Fiedler
Max Planck Institute for Research on Collective Goods

Discussant: Andreas Glöckner, University of Göttingen
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For your notes
Mensa daily menu

Monday:

Main courses:
1. Tortelloni Napoli mit Gemüsefüllung und Tomatensoße (V) *Tortelloni Napoli, filled with vegetables, with tomato sauce*
2. Putenstreifen in Ruccola-Pesto mit Tomaten-Basilikum-Farfalle (M–V) *Turkey stripes, pesto of arugula, tomato–basil–farfalle*
3. Schweineschnitzel mit Pfeffersoße (S) *Pork cutlet with pepper sauce*

Side dishes:
- Kaisergemüse *Mixed vegetables*
- Tomaten–Basilikum–Farfalle (M–V) *Tomato–basil–farfalle*
- Schwenkkartoffeln *Sautéed potatoes*
- Tagessalat *Salad*

Dessert: Zitronencreme *Lemon cream*

Tuesday:

Main courses:
1. Putensteak mit Zitronenpfeffersoße *Turkey steak with lemon–pepper sauce*
2. Currywurst mit pikanten Soße (S) *Curried sausage with spicy sauce*
3. Erbseneintopf mit Brötchen (V) *Pea stew with bread roll*

Side dishes:
- Brokkoli *Broccoli*
- Pommes frites *French fries*
- Wildreis *Wild rice*
- Tagessalat *Salad*

Dessert: Panna Cotta mit Himbersoße *Panna cotta with raspberry sauce*

Wednesday:

Main courses:
1. Schweinebraten mit Zwiebelsoße (S, AT) *Roast pork with onion sauce*
2. Mediterranes Gemüsegulasch mit Räuchertofu, dazu Sommerweisen (vegan, M–V) *Mediterranean vegetable goulash with smoked tofu and spring wheat*

Side dishes:
- Honigkarotten (M–V) *Honey carrots*
- Chilikartoffeln (M–V) *Chili potatoes*
- Kartoffelkroketten *Potato croquettes*
- Tagessalat *Salad*

Dessert: Capuccinomousse *Capuccino mousse*

A = alkoholhaltig *with alcohol*  |  S = Schweinefleisch *pork*  |  AT = artgerechte Tierhaltung *meat from species–appropriate husbandry*  |  V = vegetarisch *vegetarian*  |  M–V = Mensa Vital (http://www.stw-on.de/mensavital)
Mensa daily menu

Monday:

Main courses:
1. Tortelloni Napoli mit Gemüsefüllung und Tomatensoße (V) Tortelloni Napoli, filled with vegetables, with tomato sauce
2. Putenstreifen in Rucola-Pesto mit Tomaten-Basilikum-Farfalle (M-V) Turkey stripes, pesto of arugula, tomato-basil-farfalle
3. Schweineschnitzel mit Pfeffersoße (S) Pork cutlet with pepper sauce

Side dishes:
- Kaisergemüse Mixed vegetables
- Tomaten-Basilikum-Farfalle (M-V) Tomato-basil-farfalle
- Schwenkkartoffeln Sautéed potatoes
- Tagessalat Salad

Dessert: Zitronencreme Lemon cream

Tuesday:

Main courses:
1. Putensteak mit Zitronenpfeffersoße Turkey steak with lemon-pepper sauce
2. Currywurst mit pikanter Soße (S) Curried sausage with spicy sauce
3. Erbseneintopf mit Brötchen (V) Pea stew with bread roll

Side dishes:
- Brokkoli Broccoli
- Pommes frites French fries
- Wildreis Wild rice
- Tagessalat Salad

Dessert: Panna Cotta mit Himbeersoße Panna cotta with raspberry sauce

Wednesday:

Main courses:
1. Schweinebraten mit Zwiebelsoße (S, AT) Roast pork with onion sauce
2. Mediterranes Gemüsegulasch mit Räuchertofu, dazu Sommerweizen (vegan, M-V) Mediterranean vegetable goulash with smoked tofu and spring wheat
3. Pikante Hähnchenbrust mit Tomaten-Joghurt-Dip (M-V) Spicy chicken breast with tomato-yoghurt-dip

Side dishes:
- Honigkarotten (M-V) Honey carrots
- Chilikartoffeln (M-V) Chili potatoes
- Kartoffelkroketten Potato croquettes
- Tagessalat Salad

Dessert: Capuccinomousse Capuccino mousse

A = alkoholhaltig with alcohol  |  S = Schweinefleisch pork  |  AT = artgerechte Tierhaltung meat from species-appropriate husbandry  |  V = vegetarisch vegetarian  |  M-V = Mensa Vital
(http://www.stw-on.de/mensavital)
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