

# **TeaP 2020**

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## **Programme**

of the 62<sup>nd</sup> Conference of Experimental Psychologists

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Jena, Germany

March 22 - 25, 2020

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# Welcome Address from the President of the Friedrich Schiller University Jena

On behalf of the Friedrich Schiller University, I wish all delegates of the 62nd Conference of Experimental Psychologists a warm welcome. It is a special honour for Jena to host the TeaP 2020 – one of the largest and most important conferences on research in experimental psychology in Germany, and one, which attracts an increasing number of international scientists.

Since its foundation in 1558, the Friedrich Schiller University Jena has represented political change and an open commitment to freedom of belief and conscience. In September 2019, the joint “Jena declaration/Jenaer Erklärung” (see [https://www.uni-jena.de/en/190910\\_JE\\_en.html](https://www.uni-jena.de/en/190910_JE_en.html)) clarified that there is no biological basis for the classification of humanity into races, and that the concept of race is the result of racism, not its prerequisite. This exemplifies how the University strives to do justice to its historical responsibility in the dark years of the Third Reich, and how it stands firmly against racism of any kind on scientific and historical grounds. Today, the University of Jena is the largest institution of higher education and the only comprehensive University in the German state of Thuringia. It attracts students of all disciplines, as well as scientists from all over the globe. The University pools its top research and culture of interdisciplinary study within three profile lines: Light, Life, and Liberty, which both reflect its thematic focus and ongoing societal commitment, deeply rooted in its history.

The Department of Psychology plays a major role in this mission. Psychological Science in Jena is renowned for its specific profile in the areas of Perception and Human Interaction, as well as in Human Development and Mental Health. Using and updating a wide variety of research methods, the department also links different thematic profiles of the Friedrich Schiller University: The Department of Psychology is part of various interdisciplinary research networks that involve medicine, computer science, linguistics, biology, sports, communication science, the Max Planck Institute for the Science of Human History, or the Fraunhofer Institute for Optics and Precision Engineering in Jena. As you all know, academic psychology in Germany is currently facing the challenge of implementing an additional branch of study for qualifying students in evidence-based psychological psychotherapy. While this is an important development, it is equally clear that academic psychology cannot be reduced to a ‘repairing role’ in the context of mental health. To the contrary, psychological science is needed to identify science-based perspectives for current societal challenges, such as causes and effects of climate change, nationalism, conflict resolution, social inequality, human interaction, and human-machine interaction in the digital age. Experimental Psychology has the potential to identify causal relationships that influence human experience and behaviour and will therefore continue to play an important role in this endeavour.

I wish you all a great and successful conference, with new insights, intensive discussions, and inspiring exchange with your colleagues.

Jena, March 2020

Walter Rosenthal  
President of the Friedrich Schiller University Jena

## Welcome Address from the Organizing Committee

We are delighted to welcome you all to the 62nd Conference of Experimental Psychologists (also known as Tagung experimentell arbeitender Psychologen, TeaP). Since its very first meeting in Marburg in 1959, the TeaP has steadily grown and transformed to become what it is today – one of the largest conferences for experimental psychologists originating from the German-speaking world. At the Friedrich Schiller University of Jena, we are honored to host the TeaP for the second time, after hosting the 51st TeaP in 2009. Acknowledging the fact that English is the current language for communicating psychological science, TeaP today is a truly international meeting: Since 2012, the official TeaP conference language is English, and you will see how this change has manifested in an ever-increasing number of international contributions. We are very pleased to have attracted three eminent colleagues as keynote lecturers. On Monday, Gabriella Vigliocco (University College London) will review experimental work contributing to her real-world, ecological approach to language learning and language processing - a perspective which builds heavily on the availability of multimodal cues, and which contrasts with traditional reductionist approaches to language learning. On Tuesday, Tobias Egner (Duke University) will discuss neurocognitive mechanisms that enable „control learning“, i.e. human ability to adapt cognitive control mechanisms to changing task demands, by exploiting statistical regularities in the environment in an anticipatory manner. On Wednesday, Antonia Hamilton (University College London) completes the triad by presenting her research program on social signalling as a framework to understand human non-verbal communication – work that builds heavily on new methods to study social communication behavior as well as brain signatures in live interactions. You will have noted that this Jena TeaP succeeds the first TeaP that was hosted in the UK, the London TeaP in 2019. Sadly for us, it also is the first TeaP after Brexit. Quite possibly, this year's selection of keynote speakers reflects both our bonds with our friends and colleagues in the UK and our commitment to foster these bonds with persistence, times being calm or turbulent!

There are several other reasons for why we cannot wait to experience TeaP with you. The conference has almost 700 attendees and hosts no less than 578 contributions (3 keynote lectures, 32 symposia, 372 talks, and 203 posters). When reviewing the abstracts that were submitted to this conference, we were equally impressed by the quality of the contributions and the range of topics that were covered in these. Although the contributions are experimental in nature, many of them link basic research with applications, many link experimental behavioral research with neuroscience and many make substantial contributions to the development and modification of psychological models and theories. Moreover, several contributions illustrate how experimental psychological science is essential to address current challenges for our societies, such as climate change, inequality, human-machine interaction, social communication or conflict resolution. Last but not least, our thanks should go to the "Fachgruppe Allgemeine Psychologie" for their support, and to the big team of voluntary assistants and individuals for their work and contributions to make this event possible. We wish you all a number of productive, inspiring, and enjoyable days in Jena.

Jena, March 2020

Christian Dobel, Carina Giesen, Laura Anne Grigutsch, Jürgen M. Kaufmann, Gyula Kovács, Franziska Meissner, Klaus Rothermund, Stefan R. Schweinberger

# General Information

## Organizing committee

Christian Dobel, Carina Giesen, Laura Anne Grigutsch, Jürgen M. Kaufmann, Gyula Kovács, Franziska Meissner, Klaus Rothermund, Stefan R. Schweinberger

Friedrich Schiller University  
Institute of Psychology  
Am Steiger 3/Haus 1  
07743 Jena  
Germany

## Support

Bettina Kamchen (organizing assistance)  
Jakob Naton (e-mail correspondence and organizing assistance)  
Philipp Sprengholz (conference website and data management)

Student assistants on-site: Katharina Abad Borger, Amelie Angermann, Lisa Estell Erli, Zoe Foerstendorf, Madeleine Frister, Antonia Haddenhorst, Katharina Heffe, Hannah Klink, Mathilda Kraft, Leonie Kuhn, Alisa Lange, Laura Luther, Jonas Marquardt, Solveig Menrad, Jessica Munstein, Lars Niebusch, Angelika Pecher, Birthe Rackwitz, Alison Scheel, Lena-Emilia Schenker, Josephine Schmidt, Julia Schön, Luisa Schröder, Felix Steinke, Matteo Wieczorek, Rebecca Wientzek

## Conference venue

The 62<sup>nd</sup> Conference of Experimental Psychologists (Tagung experimentell arbeitender Psychologen, TeaP) will take place in the *central lecture hall complex* (Carl-Zeiss-Straße 3) of the Friedrich Schiller University Jena. It is located on the university campus (Ernst-Abbe-Platz) directly in Jena's city centre (see **Maps**).

## Conference office / Registration

The conference office can be found in room E37 on the ground floor of the *central lecture hall complex* (see **Floor Plan**). Opening hours are as follows:

Monday: 8:00 - 18:00

Tuesday: 8:00 - 18:00

Wednesday: 8:00 - 14:00

Please note that attendees can pick up their conference material already during the pre-conference welcome evening (see **Special Events**). Attendees who have not registered yet via the conference website [www.teap2020.com](http://www.teap2020.com) can register on-site in the conference office.

## Conference name badge

Attendees will receive their conference name badges with their conference material and are kindly asked to wear their badges throughout the entire conference. The conference material can be picked up either during the pre-conference welcome evening (see **Special Events**) or, from Monday on, at the conference venue. Note that on Monday morning, we will hand out conference materials at a reception desk near the coffee station in the ground floor foyer. Later arriving attendees can pick up their conference material in the conference office.

## Certificate of attendance

Certificates of attendance will be included in the conference material. The conference material can be picked up either during the pre-conference welcome evening (see **Special Events**) or, from Monday on, at the conference office.

## Child care

Child care will be offered on site at the *central lecture hall complex* in cooperation with the *JUni-Kinder* of the Friedrich Schiller University. Please note that you have to book child care in advance (**by March 9, 2020**). For further information, see [www.teap2020.com](http://www.teap2020.com). Besides that we have reserved seminar room 309 for attendees and their children who need a rest from the crowd. For those who prefer fresh air, nice playgrounds are located within walking distance (10 to 15 minutes) from the *central lecture hall complex*.

## Getting around

The conference will take place on the university campus (Ernst-Abbe-Platz) which is located at the very heart of the city of Jena. Starting from there, you can reach interesting spots within a few minutes' walk (see **Jena beyond the TeaP** or [www.teap2020.com](http://www.teap2020.com)). Restaurants, hotels and shops are close by. For a short break in nature, we recommend the *Paradiespark* and *The Botanical Garden*, both within a 10-15 minutes walking distance. For hotels and sights outside the city centre, we recommend public transport (see **Maps**).

## Internet access

The Friedrich Schiller University Jena provides **free WiFi** for all TeaP 2020 attendees. For attendees whose home university participates in the eduroam project, we recommend to use their own **eduroam** login. Alternatively, TeaP 2020 attendees can also use the **guest login** provided in their conference material.

## Coffee breaks

Coffee, tea, beverages, and snacks will be served at three coffee stations during the conference. Two stations will be located in the foyer on the ground floor, and another one will be located in the hallway on the 1<sup>st</sup> floor (see **Floor Plan**).

## Lunch

There are several options for lunch at or near the conference venue. The Ernst-Abbe-Mensa is located right on the campus (Ernst-Abbe-Platz), opposite to the central lecture hall complex, and is recognizable by its distinctive round glass facade. It offers different (vegetarian and non-vegetarian) dishes, snacks and salad at reasonable prices. TeaP 2020 attendees with a student ID will get a student discount in the Ernst-Abbe-Mensa.

Furthermore, several restaurants, bistros, and cafés are located in the Wagnergasse, a mere 5 minutes' walk away from the campus, as well as throughout the city center. For further suggestions, consult the **Food and Drinks** section in this programme.

## Pharmacy / Emergency phone numbers

The closest pharmacy, the *Centrum Apotheke*, is located at Goethestraße 3, opening hours: Mon-Sat, 9:00 - 20:00, Phone: ++49 6221 22 514.

Police: 110

Fire brigade/Ambulances: 112

Pharmacies emergency service: (++49 3641) 59 76 20

## Prices and tips

A one-way-ticket for public transport is about EUR 2.10 (alternatively, four one-way-tickets bought together are about EUR 7.60). Day-tickets are available from EUR 5.40 onwards. For further information, see <http://www.nahverkehr-jena.de>

In restaurants, cafes, bars, etc. prices include taxes and service. Usually, a tip of approximately 10% is appreciated.

## Smoking

Due to the strict non-smoking policy with regard to public buildings, smoking is prohibited in all conference venues as well as in most of the restaurants, cafes, etc. Outside the *central lecture hall complex* on the campus, there are smoking areas and smoking is generally permitted in the street.

## Tourist information

The tourist information can be found at the marketplace of Jena (address: Markt 16) within ten minutes walking distance from the Ernst-Abbe-Platz. The building itself is worth a visit (see photo on the right). Opening hours: Monday-Friday, 10:00 to 18:00 and Saturday 10:00-15:00. Phone: +49 3641 498050.

For more information and recommendations for a visit in Jena, see [www.visit-jena.de](http://www.visit-jena.de)



## Lockers

Lockers - if necessary - are to be found in the basement. However, in order to use lockers, attendees have to bring their own padlock.

## Wheelchair accessibility

The *central lecture hall complex* is designed to be wheelchair accessible (ramps and elevators are marked in the **Floor Plan**). A wheelchair accessible restroom is located on the groundfloor (see **Floor Plan**). Please note, that the key for this restroom has to be requested at the information desk (see **Floor Plan**).

## Food and Drinks

Venue	Address	Cuisine	Price Range
<b>Restaurants</b>			
Stilbruch	Wagnergasse 1	German	€€
Jen	Markt 4	Japanese	€€
Brauhaus Papiermühle	Erfurter Str. 102	German	€€
Zur Sonne	Markt 22	Italian	€€
Fritz Mitte Streetfood	Johannisplatz 21	Fries	€
Fritz Mitte	Neugasse 5	Fries & Burgers	€
Zur Noll	Oberlauengasse 19	German	€€
Saigon	Johannesplatz 18	Vietnamese	€€
Vietfresh	Grietgasse 21	Vietnamese	€€
Café Immergrün	Jenergasse 6	International	€
Salü – Genuss am Fluss	Burgauer Weg 1	Vegetarian	€€ - €€€
Restaurant Landgrafen	Landgrafenstieg 25	German	€€ - €€€
Taj of India	Unterm Markt 3	Indian	€€
Kartoffelhaus Nr. 1	Markt 13-14	German	€€
Haus im Sack	Oberlauengasse 14	German	€€
Köz	Schloßgasse 1	Anatolian	€€
Gaststätte Grünowski	Schillergäßchen 5	German & Bar	€€
<b>Cafés, bakeries &amp; bars</b>			
El Sombrero	Löbdergraben 9A	Bar and Restaurant	€€
Zuhause	Weigelstrasse 7	Bar	€ - €€
Fiddlers Green	Bachstrasse 39	Irish Pub	€ - €€
Boulangerie & Patisserie	Grietgasse 10	Bakery & Café	€ - €€
Kaffeehaus Gräfe	Johannisplatz 8	Bakery	€ - €€
Café Central	Markt 23	Bar (Smoking allowed)	€ - €€

**Note:** All of these options are close to the conference venue (within 15 minutes walking distance). You will also find plenty of other possibilities - bakeries, cafes, restaurants et cetera. To enjoy Jena's nightlife, the most popular options can be found in the Wagnergasse.

## Jena beyond the TeaP

**Zeiss Planetarium:** The Zeiss-Planetarium in Jena is the oldest continuously operating planetarium in the world. It was engineered by German engineer Walther Bauersfeld and opened on July 18, 1926. The Zeiss-Planetarium is a projection planetarium, i.e. the planets and stars are projected onto the inner surface of a white cupola. It is owned and operated by the Ernst-Abbe-Stiftung.

**Botanical Garden:** The Botanical Garden Jena (4.5 hectares) is the second oldest botanical garden in Germany, maintained by the University of Jena and located at Fürstengraben 26, Jena. It is open daily; a small admission fee is charged. The garden was first established in 1586 as a hortus medicus. The first heated greenhouse was added in 1674, at which time the garden first began to maintain a collection of tropical plants.

**Viewing platform JenTower:** The JenTower is a skyscraper in Jena. Including the antenna, the tower reaches a height of 149 meters. The building is the tallest in Eastern Germany. In 2001 the 28th and 29th floors were added and converted into a restaurant and a viewing platform.

**Schiller's Garden House:** Schiller's Garden House is the only remaining domicile of Schiller's years in Jena. Ten years of his life he spent in Jena, a period that can easily be considered to have been the most prolific in his entire professional life, encompassing the diverse tasks of a poet, a philosopher, a historian and a university professor. He and his family used the Garden house as a summer residence between 1797 and 1799. During this time Schiller wrote poems and dramas here, such as major parts of the Wallenstein drama, as well as the beginning and the end of Maria Stuart.

**Phyletisches Museum:** Founded by Ernst Haeckel, the Phyletische Museum is a globally unique institution. It is not just a natural history museum, but has been, from the start, a place dedicated to illustrating the development of life. It focuses on phylogeny and evolution theory, and it also celebrates the meeting of art and nature.

**Stadtmuseum "Göhre":** Since the 13th century, the City Museum has been a residential building, a mill and a wine restaurant. Today it houses the Jena Art Collection and a gallery of modern art. The development of the city of Jena is depicted over multiple floors beginning with the founding of the town and also includes information on the geology of the central Saale Valley, as well as special features such as the Seven Wonders of Jena and a walk-in planetarium from the 17th century. Other exhibits include documents on the foundation of Jena University and the Jena Lutheran Bible.

**City Church St. Michael:** The Protestant town church of St. Michael in Jena has been the center of ecclesiastical life of the city for over 750 years. It invites to worship services - usually on Sundays at 10 am 6 pm - times of prayer and silence as well as to church music events. St. Michael is located in the city center and shapes the cityscape. It also contains the original tombstone of church reformer Martin Luther.

**Imaginata:** The Imaginata is an "experimentarium" for the senses. It promotes the inventive spirit, imagination and creativity. Together with more than 100 sometimes walk-in experiments in the Stations Park and the Imaginata theatre, there are also exhibitions and workshops for all who want to have a try – be they children or adults.

**Napoleonstein:** The Windknollen at Jena is the highest elevation of the Landgrafenberg. This 361 meter high mountain is characterized by a typical short grass vegetation. In the autumn of 1806, world history was written here, when the Prussian and Napoleon's troops made the place a huge battlefield. The Napoleonstein and the museum in nearby Cospeda recall this event from over two hundred years ago. Napoleon has most likely chosen exactly this place as a strategic vantage point before and during the battle.

**Fuchsturm:** The Fox Tower (Latin: Vulpecula Turris) is an old castle keep on a nearby mountain, and formerly belonged to the castle Kirchberg. The Fuchsturm is worth the trip. Sitting in splendour high above the Saale river, the tower is a popular destination for days out. It is also the site of Jena's oldest hilltop restaurant, which serves Thuringian specialities. You can walk there from the city centre in less than one hour (~ 3km).

**City Tour:** A guided tour of Jena is the easiest way to see several places of interest in one go. It includes the Collegium Jenense, where the university was founded, as well as St John's Gate and the Pulverturm tower, the market square with the historical town hall, St Michael's Church, and many other significant locations and buildings. Tours are offered in English or German. For more information, see here: <https://www.jena-stadtfuehrung.de/en/index.shtml>

Please also consider a visit in the beautiful city of Weimar and in the state capital Erfurt. For a list of sights that are worth visiting, see below. For more information on each of these sights as well as some helpful links, please use the QR code on the right.

**Weimar (distance to Jena ~ 24 km)**

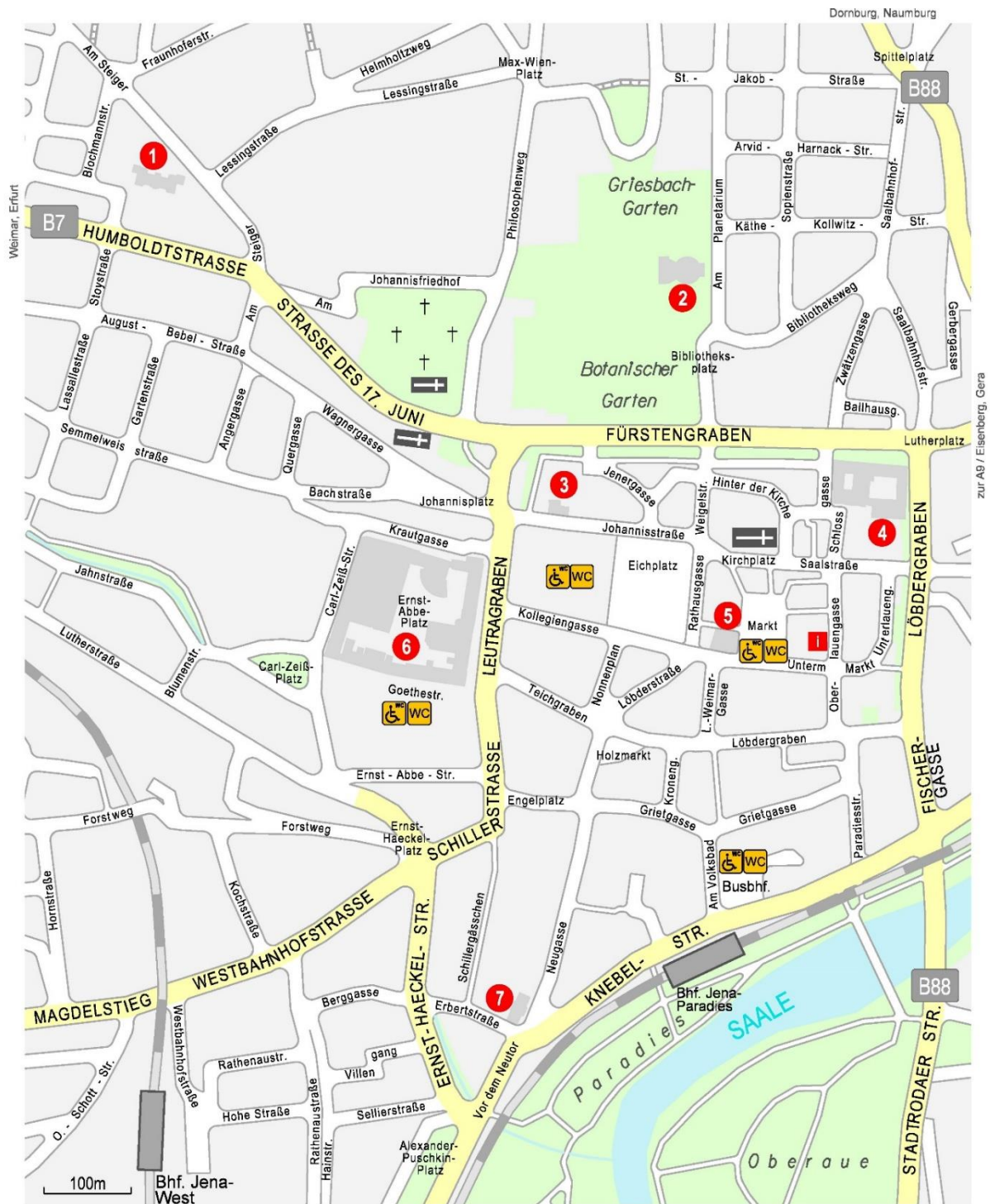
Goethe's Residence with National Museum  
Herzogin Anna Amalia Bibliothek  
Museum of Pre- and Ancient History  
Bauhaus Museum  
New Museum  
Buchenwald Memorial



**Erfurt (distance to Jena ~ 55 km)**

Erfurt Cathedral  
Krämerbrücke  
Memorial and Education Centre Andreasstraße  
Old Synagogue and Jewish Museum

# Maps

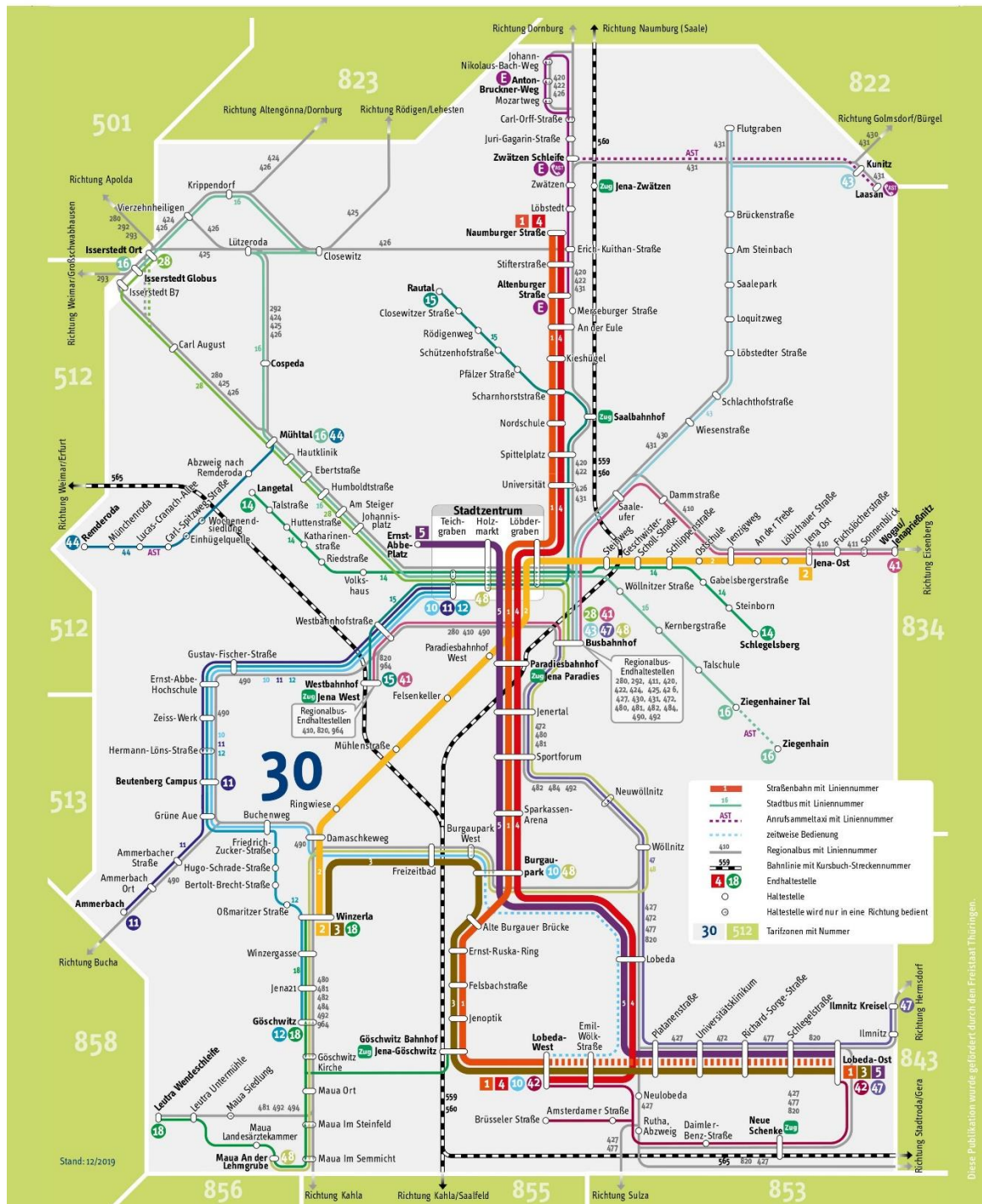


## Legende

- 1 Institut für Psychologie
- 2 Zeiss-Planetarium Jena
- 3 Studentenklub Rosenkeller e.V.
- 4 Universitätshauptgebäude
- 5 Wirtshaus Ratszeise
- 6 Campus der Friedrich-Schiller-Universität
- 7 Phyletisches Museum

**1** Jena-Tourist-Information

# Netzplan Jena



VMT-Servicetelefon 0361 19449  
Mo bis Fr 6–21 Uhr, Sa/So/Fierrtag 9–17 Uhr

Internet [www.vmt-thueringen.de](http://www.vmt-thueringen.de)  
E-Mail [service@vmt-thueringen.de](mailto:service@vmt-thueringen.de)

Jenaer Nahverkehr GmbH  
Keßlerstraße 29, 07745 Jena

Telefon 03641 414-0  
Internet [www.nahverkehr-jena.de](http://www.nahverkehr-jena.de)

The QR code leads you to the website of the public transport of Jena (Jenaer Nahverkehr, JeNah).

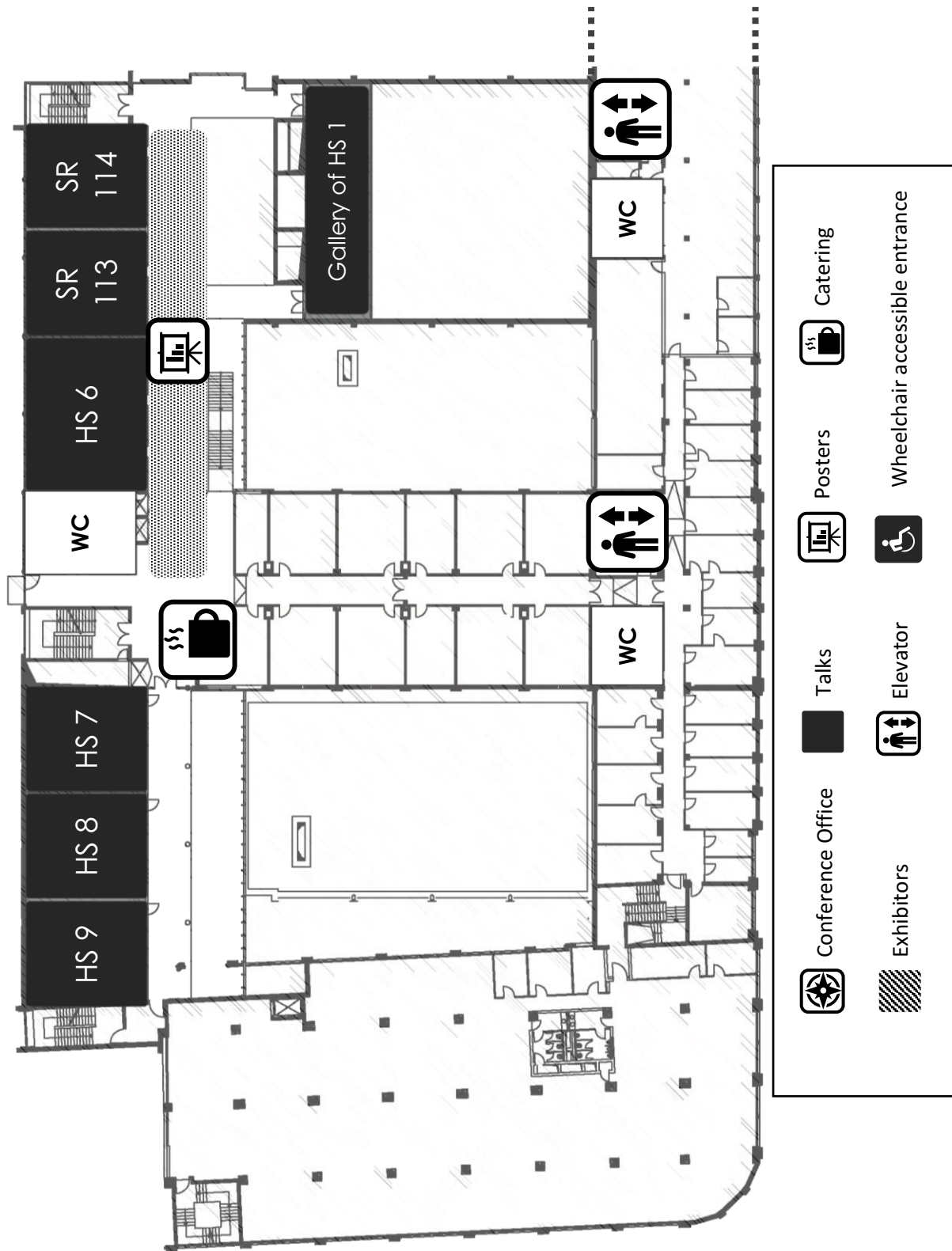
Alternatively, see here: [www.jenah.de](http://www.jenah.de)



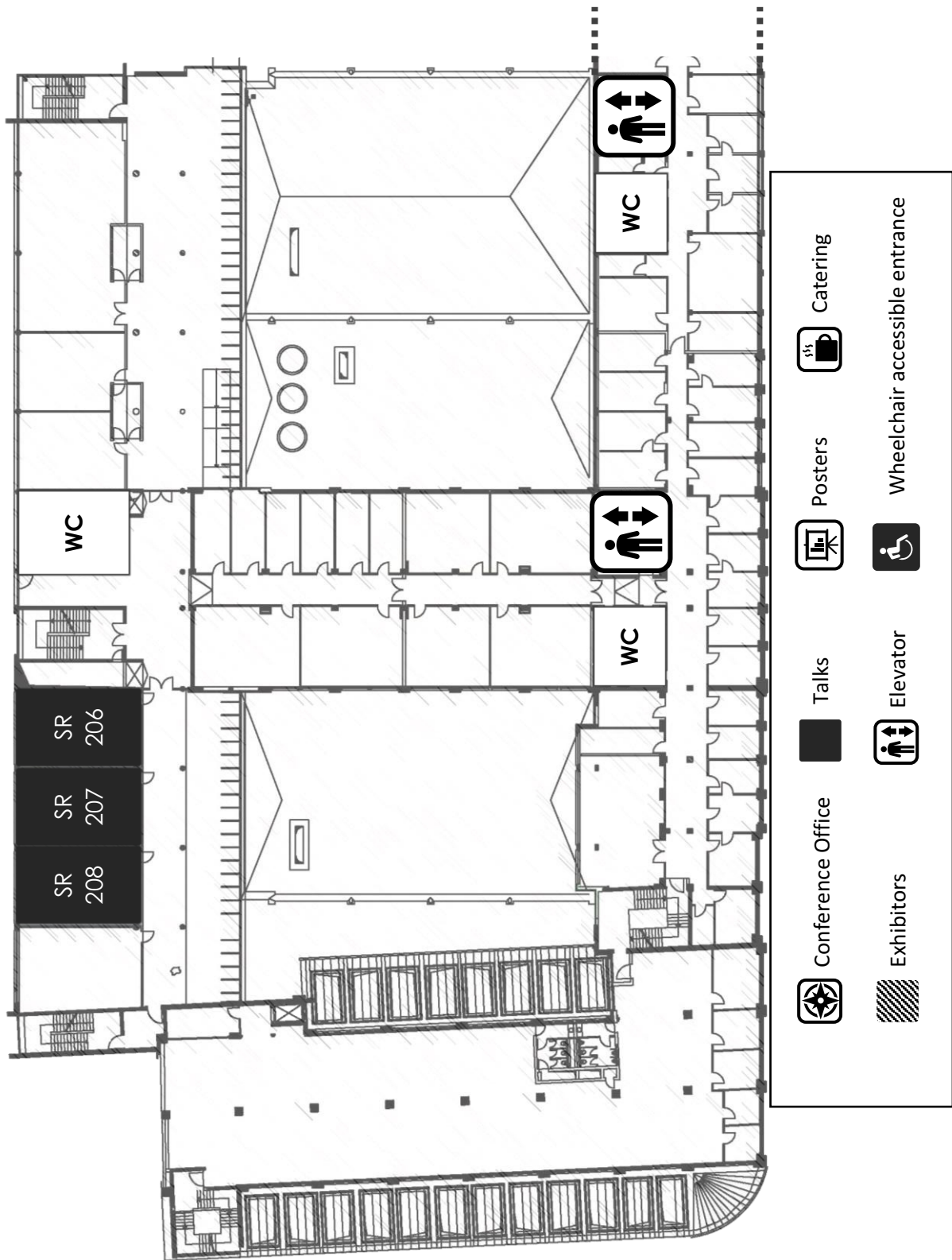
## Ground floor



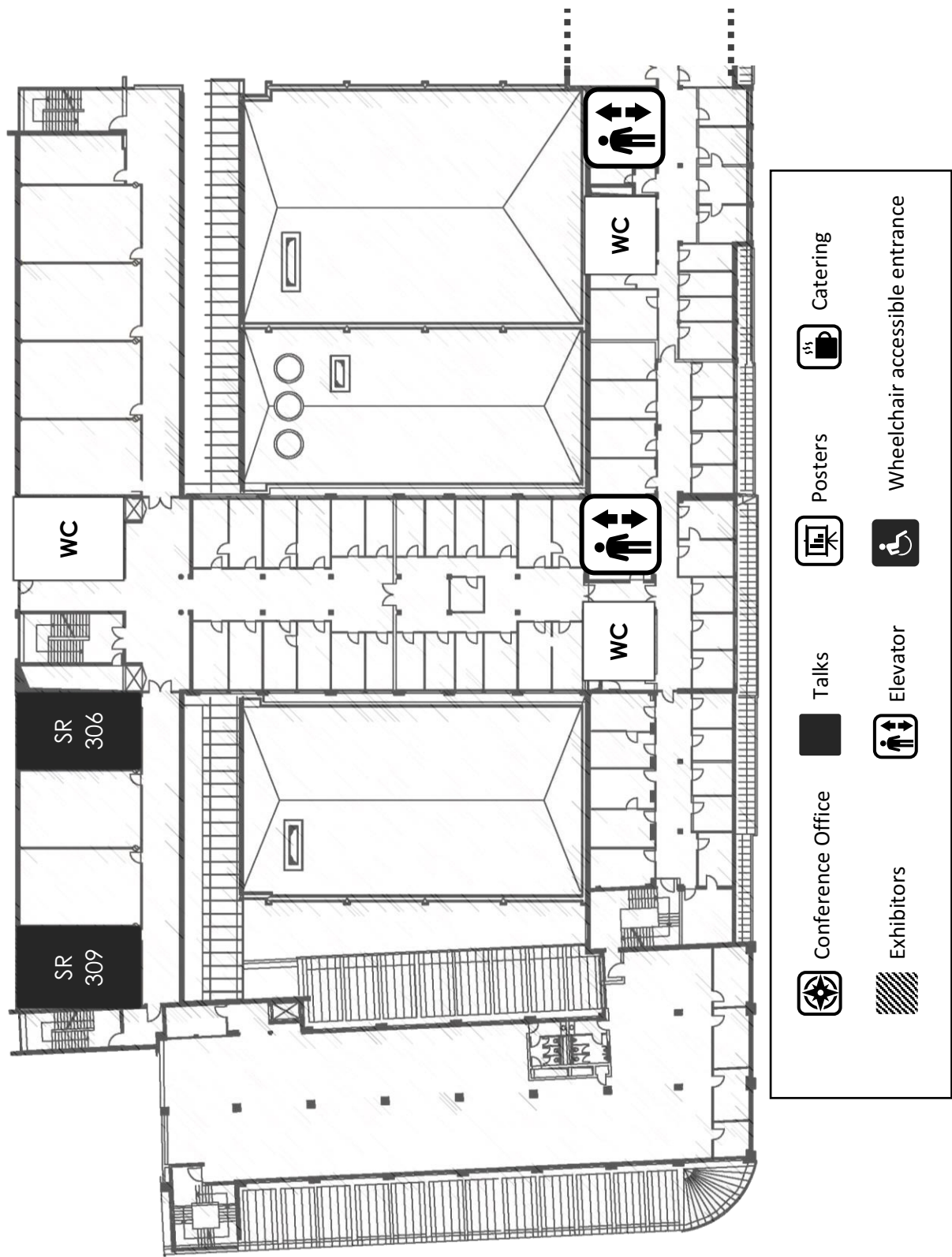
# 1<sup>st</sup> floor



## 2<sup>nd</sup> floor



3<sup>rd</sup> floor



# Special Events

## Pre-conference welcome reception

We recommend attendees of the TeaP 2020 to use this opportunity to meet colleagues, to pick up their conference material and to visit a great museum. For TeaP 2020 attendees, guided tours will be offered for free.

**When?** Sunday, March 22, 17:30 – 20:00

**Where?** *Phyletisches Museum* (Address: Vor dem Neutor 1, 07743 Jena)

## Meeting of the "DGPs-Fachgruppe Allgemeine Psychologie"

In German. For DGPs members only.

**When?** Monday, March 23, 18:00 – 20:00

**Where?** Central lecture hall complex, HS 4

## 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, discussions, and information exchange. The table in the restaurant *Ratszeise* is reserved for "TeaP 2020".

**When?** Monday, March 23 at 20:00. Note that food will be served only until 21:00.

**Where?** Restaurant *Ratszeise* (Address: Markt 1, 07743 Jena)

## Conference dinner

The event will take place at the centrally located *Rosenkeller*. This venue is a student club with a long history. It is situated in a vine cellar dating back to the 15<sup>th</sup> century, which gives it a very special atmosphere. The dinner ticket includes a rich buffet and a welcome drink (additional drinks can be purchased at student friendly prices at the bar). There will also be live music by the Latin band La Maga: The warm voice of Peruvian singer Jackie Vicente, supported by a group of international musicians, will make you dream. Our special guest Frank Galahad will deliver magic and illusions directly to your table. A rare chance to enjoy the magical world of illusions so close to you. There will also be the chance to move your feet: Our DJ will be there until 1 am.

**When?** Tuesday, March 24, at 20:00

**Where?** *Rosenkeller* (Address: Johannisstraße 13, 07743 Jena)

**Note that attending the conference dinner is only possible if you have a dinner ticket (to-be purchased before the conference)!**

## DGPs poster award announcement

The Section General Psychology of the German Psychological Society (DGPs) will grant three **Poster Awards** for posters presented at the 62nd TeaP. The deadline for nomination is March 13, 2020. For more information, we refer to the Poster Award section on the conference website [www.teap2020.com](http://www.teap2020.com).

**When?** Wednesday, March 24, 13:00 – 13:30

**Where?** Central lecture hall complex, HS 1

## Pre-data session

The aim of the pre-data format is to give researchers the possibility to present and discuss research ideas before they start data collection.

**When?** Tuesday, March 24, 10:30 – 12:00

**Where?** Central lecture hall complex, SR 208

## Workshops

### Multinomial-Processing-Tree (MPT) Modeling: Basic Methods and Recent Advances

This pre-conference workshop is funded by the William K. & Katherine W. Estes Fund, jointly overseen by the Association for Psychological Science and the Psychonomic Society. In this workshop, Edgar Erdfelder (University of Mannheim), Daniel W. Heck (Philipps-Universität Marburg) and Franziska Meissner (Friedrich Schiller University Jena) together with guest lecturer K. Christoph Klauer (Albert-Ludwigs-Universität Freiburg) provide a systematic and application-oriented overview of the basics and the most recent developments in MPT modeling. Note that attending this pre-conference workshop is **only possible if you have registered** for this event! For more information, please refer to [www.teap2020.com](http://www.teap2020.com).

**When?** Saturday, March 21, 13:00 – 19:00 and Sunday, March 22, 9.00 – 17.00

**Where?** Central lecture hall complex, SR 206

### Recording human and animal physiological data in the lab, in the field and in MRI: Implementations for teaching and research

For over 30 years, BIOPAC Systems Inc. provides high quality research equipment for physiological research and education. With tens of thousands of peer reviewed publications utilizing BIOPAC hardware and software, BIOPAC is recognized as the gold standard in the field of life sciences. In this particular workshop session, attendees will receive an overview of the wireless and wired amplifiers, sensors and transducers used to record a variety of signals - ECG, EMG, fEMG, EOG, EEG, EDA, fNIRS, eye-tracking, force, acceleration, temperature, bioimpedance, blood pressure, non-invasive cardiac output, etc. Signal processing, real time data transfer and synchronization with stimulus presentation software and third party devices will be covered as well.

This is a product presentation workshop provided by Biopac Systems, Inc.®

**When?** Monday, March 23, 10:30 – 12:00

**Where?** Central lecture hall complex, SR 306

### Building studies with lab.js: A free, open, online experiment builder

Browsers are a powerful, flexible tool for both online and in-laboratory data collection. With lab.js, a free, open-source experiment builder that offers a graphical interface, it is now easy to construct studies in and for the browser. We would like to give you a brief demonstration of our software, and show you how to start building your own studies, as well as the resources available for teaching with lab.js. You are very welcome to bring your own laptop if you would like to try building a study yourself -- no specific technical knowledge is required.

This workshop is presented by Felix Henninger, Pascal J. Kieslich and Yury Shevchenko.

**When?** Monday, March 23, 14:45 – 15:30

**Where?** Central lecture hall complex, SR 306

# Information for Presenters

## Oral presentations

All lecture rooms are equipped with Windows 10 notebooks for MS PowerPoint or PDF presentations. If you prepare a PowerPoint presentation, please make sure that it is compatible with PowerPoint 2019 for Windows. Furthermore, we recommend using standard fonts for preparing the presentations to minimize the risk of distorted layout. Please refrain from bringing your own laptop, in order to save time and avoid compatibility problems. If you need any additional equipment, please let us know in advance by contacting [teap2020@uni-jena.de](mailto:teap2020@uni-jena.de). Please make sure to transfer your presentation files to the respective computer in the lecture room at least 20 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.

## Language

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

## Timing

Since the number of talks per session depends on session type, there are different rules.

**Timing in talk sessions.** Each talk (including discussion and speaker change) is allocated a time slot of 18 minutes. We recommend that presentations last 15 minutes followed by one or two questions. Session chairs are asked to strictly keep to the schedule of the sessions. In talk sessions with less than five talks, we suggest to make use of the remaining time at the end by starting an open discussion.

**Timing in symposia.** Each symposium lasts 90 minutes, and chairs are responsible for allocating speaker times. Speakers are asked to strictly adhere to their allocated time slots. Depending on the number of talks (four to six), we recommend that each talk (including discussion and speaker change) should be allocated a time slot of about 15 to 20 minutes. In some cases, it might be possible to postpone the discussion until the end of the session.

**Timing in the Pre-Data session.** During the pre-data session, there are 6 presentation slots of 15 minutes (discussion and speaker change). In this session format, especially, presenters are encouraged to prepare short presentations in order to have more room for discussion.

## Poster presentations

Poster presenters are asked to prepare their posters in DIN A0 portrait format (900 mm x 1200 mm maximum). There will be three poster sessions, one on each day of the conference. The sessions take place on the ground floor and 1st floor of the central lecture hall complex (Ernst-Abbe-Platz). Each poster is assigned a number, which can be found in the program. Each poster number starts with a letter indicating whether it is scheduled for Monday (M), Tuesday (T) or Wednesday (W). The first number then indicates whether it can be found on the ground floor (0) or first floor (1). The second number indicates the individual poster board (1-50). Please put your posters up in the morning, to give interested colleagues the opportunity to view them all day. Pins are available on each poster wall or can be requested from technical assistants present. 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.

## Information for Chairs

Thank you very much for chairing one of the talk sessions or symposia. 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. Please note that the timing of each talk varies depending on the session type (see below). Please feel free to use the number displays on the last pages of this program to inform the speaker about the remaining time. 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, please contact the technical assistants of your lecture room.

### Timing in talk sessions

Each talk (including discussion and speaker change) is allocated a time slot of 18 minutes. We recommend that presentations last 15 minutes followed by one or two questions. Session chairs are asked to strictly keep to the schedule of the sessions. This allows attendees to switch between different talk sessions. In talk sessions with less than five talks, we suggest to make use of the remaining time at the end by starting an open discussion. In case of talks being cancelled on short notice, session chairs are asked to insert a break (or discussion) at the respective time slot instead of simply switching to the next talk.

### Timing in symposia

Each symposium lasts 90 minutes, and chairs are responsible for allocating speaker times. Speakers are asked to strictly adhere to their allocated time slots. Depending on the number of talks (four to six), we recommend that each talk (including discussion and speaker change) should be allocated a time slot of about 15 to 20 minutes. In some cases, it might be possible to postpone the discussion until the end of the session.

## Exhibitors and Sponsors



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## Important Note on Timing

At TeaP 2020, talk sessions and symposia last 90 minutes. Note however, that due to some new, more flexible rules for symposia, the timing of talks will not be fully synchronized across sessions.

**Talk sessions** consist of up to five individual talks. Each talk lasts 18 minutes with the last three minutes being dedicated to questions and speaker change. This enables attendees to flexibly switch between talk sessions. In talk sessions with less than five talks, we suggest to make use of the remaining time at the end by starting an open discussion.

**Symposia** on the other hand are meant to be attended from the beginning to the end. Hence, the timing for talks in symposia is less strict. Furthermore, for the TeaP 2020, we granted symposium chairs some flexibility with regard to the number of talks presented within their 90 minutes slot. Therefore, the number of contributions varies across symposia. Note that it is the **symposium chairs who are responsible for allocating speaker times within their symposium**. The programme schedule does not specify starting times for symposium talks. Depending on the number of talks within the slot, each talk within a symposium might last less than 15 or more than 20 minutes.

For more details on timing and on the role of chairs, see **Information for Presenters** and **Information for Chairs**.

## Programme Overview

Please also consider attending one of the **workshops** at the TeaP 2020 (see **Special Events**).

Sunday, March 22, 2020		
17:30	Pre-Conference Welcome Reception + Registration	<i>Phyletisches Muesum</i>
Monday, March 23, 2020		
8:00	Registration	Conference Office
8:30	Talk Sessions	Lecture Halls, Sem. Rooms
10:00	Coffee Break	
10:30	Talk Sessions (+ workshop, see <b>Special Events</b> )	Lecture Halls, Sem. Rooms
12:00	Lunch Break	
13:00	Welcome Address and Keynote Lecture I <b>Gabriella Vigliocco</b> "Ecological language: A multimodal approach to language learning and processing"	HS 1
14:00	Poster Session (+ workshop, see <b>Special Events</b> )	Hallway Ground +1 <sup>st</sup> Floor
15:30	Coffee Break	
16:00	Talk Sessions	Lecture Halls, Sem. Rooms
18:00	Meeting "Fachgruppe Allgemeine Psychologie"	HS 4
20:00	Meeting of Young Scientists	<i>Ratszeise</i>
Tuesday, March 24, 2020		
8:00	Registration	Conference Office
8:30	Talk Sessions	Lecture Halls, Sem. Rooms
10:00	Coffee Break	
10:30	Talk Sessions (including Pre-Data Session)	Lecture Halls, Sem. Rooms
12:00	Lunch Break	
13:00	Keynote Lecture II <b>Tobias Enger</b> "Neurocognitive mechanisms of contextual adjustments in cognitive control"	HS 1
14:00	Poster Session	Hallway Ground +1 <sup>st</sup> Floor
15:30	Coffee Break	
16:00	Talk Sessions	Lecture Halls, Sem. Rooms
20:00	Conference Dinner*	<i>Rosenkeller</i>
Wednesday, March 25, 2020		
8:30	Talk Sessions	Lecture Halls, Sem. Rooms
10:00	Coffee Break	
10:30	Poster Session	Hallway Ground +1 <sup>st</sup> Floor
12:00	Keynote Lecture III <b>Antonia Hamilton</b> "Social signalling as a framework for understanding human non-verbal behaviour"	HS 1
13:00	Concluding Session, Announcement of Poster Award	HS 1
13:30	Coffee Break/End of Conference	

\*requires dinner ticket, to be purchased before the conference

## Programme Monday

Please also consider attending one of the **workshops** at the TeaP 2020 (see **Special Events**).

HS 4	HS 5	HS 6	HS 7	HS 8	HS 9	SR 113	SR 114	SR 206	SR 207	SR 208
Monday, 8:30 – 10:00, Talks										
* Bottom-up and top-down processes in attention to emotional faces	* Statistical Models in Psychology (1): development and validation	* Emotions - a timely matter	* Advances in TVA-based visual attention research I: Moving towards new stimuli, tasks, and data	Action I: Action Effects	* The Cognitive Self: On the structure of the self and on effects of self-relevance in cognitive information processing	* Phasic alertness and temporal expectations	Speech	* Mechanisms and Modulators of Self Control	Applied Psychology I	* Mobile EEG and mobile Brain/Body Imaging - New methods, new results?
Monday, 10:30 – 12:00, Talks										
* Mental State Ascriptions in Various Emotional and Social Contexts	* Statistical Models in Psychology (2): application	Emotion & Attention	* Advances in TVA-based visual attention research II: Clinical profiles, effects of manipulations and neural correlates	Action II: SR-Binding	* Source Memory	* Cognitive and Neural Processes During Action Observation	Reading	Motivation	Applied Psychology II	* Up- and down-tuning in attention
<b>Monday, 13:00 – 14:00, Keynote, Gabriella Vigliocco, HS 1</b>										
Monday, 14:00 – 15:30, Posters, Hallway, ground + 1 <sup>st</sup> floor										
Monday, 16:00 – 17:30, Talks										
* Advances in person perception research: Processing identity and emotion in faces and voices	* Computational modeling in cognitive psychology	Emotion and Ambivalence	Attention	* Binding and Retrieval in Action Control: Specifying Modulators of Both Processes	Working Memory	Perception I	Language	Personality	Applied Psychology III	Neuro-psychology
Monday, 18:00 – 20:00, Meeting Fachgruppe, HS 4										
Monday, 20:00 – 22:00, Meeting Young Scientists, Ratszeise										

\*Symposium

HS 4	HS 5	HS 6	HS 7	HS 8	HS 9	SR 113	SR 114	SR 206	SR 207	SR 208
Tuesday, 8:30 – 10:00, Talks										
Face Perception I	Decision Making I	* Automatic processes in evaluative learning I	Cognition I	Action III: Action Control	Memory I	Perception II	* Automatic imitation: Novel methodological and theoretical approaches further the understanding of underlying mechanisms	* Current trends in experimental ageing research	* Passenger Psychology and automated driving – The impact of novel interior concepts on human perception	Methods I
Tuesday, 10:30 – 12:00, Talks										
Face Perception II	Decision Making II	* Automatic processes in evaluative learning II	Cognition II	Action IV: Motor Control	Memory II	Perception III	Implicit Measures	Development and Ageing	Traffic Psychology I	PRE DATA Session
<b>Tuesday, 13:00 – 14:00, Keynote, Tobias Egner, HS 1</b>										
Tuesday, 14:00 – 15:30, Posters, Hallway, ground + 1 <sup>st</sup> floor										
Tuesday, 16:00 – 17:30, Talks										
* Empirical Aesthetics: How to Investigate Preferences in Different Domains	Decision Making III	Evaluative Conditioning	* Binding and Time	Action V: Interference and Inhibition	* Aspects of remembering: Current topics in experimental memory research	* The role of action-specific predictions on perception	Social Psychology	Learning I	Traffic Psychology II	Methods II
Tuesday, 20:00 – 01:00, Conference Dinner, Rosenkeller										

\*Symposium

HS 4	HS 5	HS 6	HS 7	HS 8	HS 9	SR 113	SR 114	SR 206	SR 207	SR 208
Wednesday, 8:30 – 10:00, Talks										
Virtual Reality	Social Decision Making	* Apples and Oranges? Common Ground and Unique Advantages of Different Process Tracing Techniques	* How the cognitive and motor domains interact: the nature of cognitive processes involved in the control of body balance and gait.	Action VI: Rule Violations and Errors	* Metamemory: New insights on memory monitoring	* Perception and Action in Sports	* Masked Priming – a window to non-conscious cognition	Learning II	Complex Cognition	* On the problem of judging non-linear relationships: biases, mental models and applications
Wednesday, 10:30 – 12:00, Posters, Hallway, ground + 1 <sup>st</sup> floor										
<b>Wednesday, 12:00 – 13:00, Keynote, Antonia Hamilton, HS 1</b>										
Wednesday, 13:00 – 13:30, Concluding Session, Announcement of Best Poster Award, HS 1										

\*Symposium

## Keynote Lectures

We are very pleased to welcome three outstanding keynote speakers to this year's TeaP conference: **Gabriella Vigliocco** (University College London), **Tobias Enger** (Duke University) and **Antonia Hamilton** (University College London).

The Keynote lectures will take place on each conference day in the **HS 1** on the ground floor of the central lecture hall complex (see **Floor Plan**), starting at **13:00** after the lunch break on Monday and Tuesday and starting at **12:00** after the last poster session on Wednesday.

Keynote Lecture I - Monday, March 23, 13:00, HS 1

### **Ecological Language: A Multimodal Approach to Language Learning and Processing**

**Gabriella Vigliocco**

*University College London*

The human brain has evolved the ability to support communication in complex and dynamic environments. In such environments, language is learned, and mostly used in face-to-face contexts in which processing and learning is based on multiple cues both linguistic and non-linguistic. Yet, our understanding of how language is learnt and processed comes for the most from reductionist approaches in which the multimodal signal is reduced to speech or text. I will introduce our current programme of research that investigates language in real-world settings in which learning and processing are intertwined and the listener/learner has access to – and therefore can take advantage of – the multiple cues provided by the speaker. I will then describe studies that aim at characterising the distribution of the multimodal cues in the language used by caregivers when interacting with their children (mostly 2-3 years old) and provide data concerning how these cues are differentially distributed depending upon whether the child knows the objects being talked about (allowing us to more clearly isolate learning episodes), and whether the objects are present (ostensive vs. non-ostensive). I will then move to a study using EEG addressing the question of how discourse but crucially also the non-linguistic cues modulate predictions about the next word in a sentence. I will conclude discussing the insights we have and (especially) can gain using this real world, more ecologically valid, approach to the study of language.





Keynote Lecture II - Tuesday, March 24, 13:00, HS 1

### **Neurocognitive Mechanisms of Contextual Adjustments in Cognitive Control**

**Tobias Enger**

*Duke University*

When routine behavior runs into trouble, "cognitive control" processes are recruited to bring information processing in line with current demands. For instance, encountering an almost-accident on our commute will reinforce our attentional focus on the traffic and away from the radio. How does the brain accomplish this? In this talk, I will present behavioral, neuroimaging, and neuro-stimulation data that delineate the cognitive and neural mechanisms underlying our ability to adapt to changing task demands. Specifically, I will present a "control learning" perspective that views cognitive control as being guided by learning and memory mechanisms, exploiting statistical regularities in our environment to anticipate the need for control. Control learning not only adapts attentional sets to changing demands over time, but it can also directly associate appropriate top-down attentional sets with specific bottom-up cues. This type of learning holds the promise of combining the speed of automatic processing with the flexibility of controlled processing, and could form the basis of novel interventions in clinical conditions that involve impaired cognitive control.

Keynote Lecture III - Wednesday, March 25, 12:00, HS 1

## **Social signalling as a framework for understanding human non-verbal behaviour**

**Antonia Hamilton**

*University College London*

Face to face social interactions between two people involve a rich exchange of verbal and non-verbal signals, but the cognitive and neural mechanisms supporting dynamic interactions remain poorly understood. This talk will use a social signalling framework to make sense of one particularly social behaviour – imitation – which has been described as a 'social glue' that causes affiliation and liking. However, it is not clear what cognitive and brain mechanisms could link imitation to affiliation. By placing the 'social glue' hypothesis within a signalling framework, it is possible to make specific testable predictions for how and why we imitate. First, to act as social glue, imitation should be produced when another person is watching and can receive the imitation signal. Second, the person watching should change their evaluation of the imitator.

I will describe a series of studies which test the first of these predictions in detail, using a behavioural and neuroimaging methods with infants, children, typical adults and adults with autism spectrum condition. The results converge in showing that being watched increases the tendency to imitate, and supports the interpretation of imitation as a signalling behaviour.

Building on this, the second part of this talk describes the new methods available to explore social signalling behaviour in live interactions. Using detailed motion capture together with wavelets analysis, we can track and quantify precise patterns of natural mimicry behaviour and other social cues in two person conversation. Using functional near-infrared spectroscopy, we can record neural signatures of imitating and being imitated while freely-moving attendees are engaged in naturalistic tasks. These new approaches can give deeper insights into the details of social behaviour and allow us to define the neural mechanisms of dynamic social interactions. Applying these methods and interpreting them within the context of a social signalling framework shows how we can turn the idea of 'second person neuroscience' into a concrete reality.



*Note that the keynote lecture by Antonia Hamilton is scheduled for **12:00**.*

## Monday, 8:30 – 10:00, Talks

Symposium

### **Bottom-up and top-down processes in attention to emotional faces**

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HS 4

Benedikt Wirth

**Attentional bias to emotional faces is contingent on top-down influences**

Swantje Tannert (Friedrich-Schiller-Universität Jena), Klaus Rothermund

**The role of social processing in attentional bias towards angry faces**

Benedikt Wirth (Saarland University), Dirk Wentura

**Interaction of top down and bottom attention in capture to threatening stimuli: insight from electrophysiology**

Nicolas Burra (Université De Genève)

**Utilization of emotional faces for anticipatory attentional orienting: The role of contingency awareness**

Timea Folyi (Saarland University), Michaela Rohr, Dirk Wentura

Symposium

### **Statistical Models in Psychology (1): development and validation**

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HS 5

Anne Voormann

**Using probabilistic classifications on the individual level to test hypotheses on the group level**

Daniel W. Heck (Philipps-Universität Marburg), Clinton P. Davis-Stober, Daniel R. Cavagnaro

**A Lévy-Flight model of decision making**

Andreas Voss (Heidelberg University), Marie Wieschen, Stefan Radev

**Let's tailor models to research, not vice versa**

Andre Aßfalg (Albert-Ludwigs-Universität Freiburg), Karl Christoph Klauer

**Validation of the Bayesian algorithm behind response-time extended multinomial processing tree (RT-MPT) models**

Raphael Hartmann (University Of Freiburg), Lea Johannsen, Karl Christoph Klauer

**Evaluating memory models for paired word recognition**

Anne Voormann (University Of Freiburg), Mikhail S. Spektor, Karl Christoph Klauer

Symposium

**Emotions - A timely matter**

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HS 6

Christian Dobel

**Behavioral and Magnetoencephalographic (MEG) Correlates of Fear Generalization predict responses to Virtual Reality Exposure Therapy in Spider Phobia**

Katharina Roesmann (University Of Münster), Christian Steinberg, Marielle Clerc, Hannah Casper, Tilman Coers, Julia Wandschura, Bettina Gathmann, Elisabeth Johanna Leehr, Joscha Böhnlein, Fabian Seeger, Hanna Schwarzmeier, Niklas Sminski, Martin J. Herrmann, Udo Dannlowski, Ulrike Lueken, Thomas Straube, Markus Junghöfer

**Social context both biases and enhances memory for emotional words - Behavioral and ERP evidence**

Johanna Kißler (Bielefeld University), Ria Vormbrock, Sebastian Schindler

**On the limited impact of media source credibility on social judgments based on emotional headlines**

Rasha Abdel Rahman (Humboldt-Universität Berlin), Julia Baum

**Training the facial sensory-motor network**

Christian Dobel (Uniklinik Jena), Carsten Klingner

Symposium

**Advances in TVA-based visual attention research, Part I: Moving towards new stimuli, tasks, and data**

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HS 7

Jan Tünnemann, Ingrid Scharlau

**Decomposing the Attentional Blink**

Anders Petersen (University Of Copenhagen), Signe Vangkilde

**Investigating the interplay of response selection and visual attention by combining the PRP and TVA paradigms**

Erika Künstler (Universitätsklinikum Jena), Sebastian Kübler, Otto W. Witte, Torsten Schubert, Peter Bublak

**TVA in the wild - Using the TOJ-TVA paradigm in games and virtual reality**

Alexander Krueger (Paderborn University), Jan Tünnemann, Lukas Stratmann, Ingrid Scharlau

**TVA to the rescue? What should a theory of visual attention, visual working memory and foraging contain?**

Arni Kristjánsson (University Of Iceland)

**A TVA-based perspective on template switching in visual foraging**

Jan Tünnemann (Philipps-Universität Marburg), Anna Schubö

**Modelling RT-based attention paradigms with TVA**

Steven Blurton (University Of Copenhagen), Søren Kyllingsbæk, Claus Bundesen

Monday, 08:30 -10:00, Talks

Talk Session

## **Action I: Action Effects**

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HS 8

Christina Pfeuffer

- 08:30 Saccadic eye movements do not trigger a joint Simon effect**  
Roman Liepelt (FernUniversität in Hagen), Emanuele Porcu, Anna Stenzel, Markus Lappe
- 08:48 That will Catch my Attention!: Is the salience of an action's future effect anticipated and proactively monitored?**  
Christina Pfeuffer (University Of Freiburg), Stephanie Stengele
- 09:06 Perceived Contingency Affects ERP Amplitude Reductions for Self-Generated Sounds**  
Alexander Seidel (Heinrich-Heine-Universität Düsseldorf), Marta Ghio, Bettina Studer, Christian Bellebaum
- 09:24 Spatial action-effect binding depends on type of action-effect transformation**  
Marvin Liesner (Julius Maximilians University of Würzburg), Wladimir Kirsch, Roland Pfister, Wilfried Kunde

Symposium

## **The Cognitive Self: On the structure of the self and on effects of self-relevance in cognitive information processing**

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HS 9

Sarah Schäfer, Ann-Katrin Wesslein

### **The self as a feature bundle**

Stephan Verschoor (Leiden University), Bernhard Hommel

### **Where does the self end: Integration of others into the self-concept**

Sarah Schäfer (Trier University), Dirk Wentura, Marcel Pauly, Christian Frings

### **Self-relevance across the senses: The role of the percept**

Ann-Katrin Wesslein (Eberhard Karls University Tübingen), Sarah Schäfer

### **Attentional dynamics of self-associated stimuli: A comparison of highly familiar vs. recently established self-representations**

Gabriela Orellana Corrales (Eberhard Karls Universität Tübingen), Christina Matschke, Ann-Katrin Wesslein

### **The spatial self: On the interplay between the self and spatial cognition**

Pamela Baess (University Of Hildesheim)

Symposium

## **Phasic alertness and temporal expectations**

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SR 113

Marleen Haupt

### **The interplay of phasic alertness and accessory stimulation in visual choice reaction**

Christian H. Poth (Bielefeld University)

### **Intrinsic brain network correlates of phasic alertness in healthy aging**

Marleen Haupt (Ludwig-Maximilians-Universität München), Adriana L. Ruiz-Rizzo, Christian Sorg, Kathrin Finke

**EEG correlates of age-related decline in phasic alerting**

Iris Wiegand (Max Planck Institute for Human Development)

**Using expectations to regulate arousal during continuous performance tasks**

Nir Shalev (University Of Oxford), Anna Christina Nobre

**Hazard-rate influence on performance is independent of spatial locus of attention**

Noam Tal-Perry (Tel-Aviv University), Danielle Allon, Shlomit Yuval-Greenberg

Talk Session

**Speech**

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SR 114

Andrea M. Philipp

**08:30 Modality-specific influences on language control**

Andrea M. Philipp (RWTH Aachen), Iring Koch, Simone Schaeffner

**09:48 No Picture-Word-Interference in Communicative Settings**

Anna Katharina Kuhlen (Humboldt-Universität zu Berlin), Rasha Abdel Rahman

**09:06 On the lexical representation of noun-noun-compounds: A continuous picture-naming study**

Anna-Lisa Ndao (Humboldt-Universität zu Berlin), Rasha Abdel Rahman, Pienie Zwitserlood, Antje Lorenz

**09:24 Effects of healthy aging in noun-noun compound production: An ERP-study**

Antje Lorenz (Humboldt-Universität zu Berlin), Pienie Zwitserlood, Rasha Abdel Rahman

Symposium

**Mechanisms and Modulators of Self Control**

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SR 206

Franziska Korb

**Attentional filtering and value modulation as mediators of self-control**

Franziska Korb (TU Dresden), Johanna Kruse, Uta Wolfensteller, Thomas Goschke

**Fatigue and Self-Control: An Emerging Analysis of Behavioral Restraint Intensity**

Christopher Mlynski (Technische Universität Dresden), Rex Wright

**Self-control is linked to interoceptive inference: Craving regulation and the prediction of aversive interoceptive states induced with inspiratory breathing load**

Johann Kruschwitz (Charité Berlin), Henrik Walter, Anne Kausch, Martin Paulus, Thomas Goschke

**The relevance of boredom for self-control research**

Wanja Wolff (University of Bern), Corinna Martarelli

Talk Session

**Applied Psychology I**

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SR 207

André Wittenborn

**08:30 Automated Discomfort Detection in Aviation-Seating Contexts**

André Wittenborn (Institut Für Experimentelle Psychophysiologie), David Daxberger, Maike Lindhaus, Mats Bosshammer, Jarek Krajewski, Sebastian Schnieder

Monday, 08:30 -10:00, Talks

**08:48    Situational pressure moderates followers preferences for considerate versus initiating structure leaders.**

Johannes Rollwage (Georg-August-Universität Göttingen), Stefan Schulz-Hardt

**09:06    I, Robot – or Leader? Investigating Transformational and Transactional Behavior in Robot Leaders**

Jakub Edward Cichor (Technische Universität München), Sylvia Hubner, Claudia Peus, Franziska Emmerling

Symposium

## **Mobile EEG and mobile Brain/Body Imaging - New methods, new results?**

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SR 208

Klaus Gramann

**Mobile Brain Body Imaging and Mobile EEG to investigate embodied and real-world brain dynamics**

Klaus Gramann (TU Berlin)

**Estimating task load from spectral properties of the EEG**

Edmund Wascher (Leibniz Research Centre For Working Environment And Human Factors Dortmund), Julian Elias Reiser, Stefan Arnau, Melanie Karthaus, Stephan Getzmann

**Electrocortical parameters underlying cognitive-motor interference in younger and older adults during walking**

Janna Protzak (TU Berlin), Klaus Gramann

**Increased motor load impairs resource allocation in the EEG during a task switch paradigm in an outdoors environment**

Julian Elias Reiser (Leibniz Research Centre For Working Environment And Human Factors Dortmund), Edmund Wascher, Stefan Arnau

**Using blink-related brain activity to investigate visual information processing in the real world**

Anna Wunderlich (TU Berlin), Klaus Gramann

**Walking influences basic processing strategies of visual information**

Barbara Haendel (University of Würzburg), Liyu Cao

# Monday, 10:30 – 12:00, Talks

Symposium

## **Mental State Ascriptions in Various Emotional and Social Contexts**

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HS 4

Dana Schneider

**Spontaneous vicarious perception of another's visual perspective: social and non-social influences.**

Patric Bach (University of Plymouth), Eleanor Ward, Giorgio Ganis

**Why us, why now? Contextual mediators of spontaneous perspective-taking**

Andrew Surtees (University of Birmingham), Anna Lewis-Keen, Jing An

**Emotions matter! The moderating role of empathized emotions when responding to others in need.**

Claudia Sassenrath (Ulm University)

**The Ageing Brain: Examining the effect of age on real world and lab-based social attention tasks**

Elisabeth Bradford (University Of Kent), Heather Ferguson

**In- and outgroup effects on visual perspective taking for the social category of ethnicity**

Dana Schneider (Friedrich-Schiller-Universität Jena), Laura Anne Grigutsch, Thomas Kessler

**Embodied perspective-taking and being in two places (and nowhere) at the same time.**

Steven Samuel (University Of Essex), Geoff Cole, Madeline Eacott

Symposium

## **Statistical Models in Psychology (2): application**

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HS 5

Anne Voormann

**On the "Rationality" of Illusory Correlations and Pseudocontingencies**

Franziska M. Bott (Universität Mannheim), David Kellen, Karl Christoph Klauer

**Measuring Rule and Exemplar-Based Processes of Judgment in a Hierarchical Bayesian Framework**

David Izydorchyk (Universität Mannheim), Arndt Bröder

**Applying MPT models to gain new insights into the sleep benefit in episodic memory**

Sabrina Berres (Universität Mannheim), Edgar Erdfelder

**Studying individual differences in diffusion model parameters in a rather large sample**

Mischa Von Krause (Heidelberg University), Stefan Radev, Andreas Voss

**Predicting Acceptance with Cognitive-Affective-Maps**

Lisa Reuter (University of Freiburg), Sabrina Livanec, Michael Stumpf, Andrea Kiesel

Monday, 10:30 -12:00, Talks

Talk Session

## Emotion and Attention

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HS 6

Julian Keil

- 10:30 Does altered subcortical emotional salience processing and a 'jumping to conclusions' bias lead to psychotic symptoms in Parkinson's patients?**  
Franziska Knolle (Technische Universität München)
- 10:48 Emotion and cognition influence multisensory integration**  
Julian Keil (Christian-Albrechts-Universität Kiel), Georgios Michail, Michael Niedeggen, Daniel Senkowski, Christian Kaernbach
- 11:06 LATER Modelling of Emotional Antisaccades**  
Alexandra Hoffmann (Universität Innsbruck), Christian Büsel, Pierre Sachse
- 11:24 Attention Capture by Gaze and Emotion – First in Time, First in Line?**  
Roxana Kotter (Julius Maximilians University of Würzburg), Anne Böckler

Symposium

## Advances in TVA-based visual attention research - Part II: Clinical profiles, effects of manipulations and neural correlates

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HS 7

Kathrin Finke, Peter Bublak

**Attentional capacity in youth with Tourette syndrome and comorbid disorders**  
Signe Vangkilde (University of Copenhagen), Kristine Kristjansen

**TVA-based parameter changes in multiple sclerosis: relationship to visual impairment**  
Peter Bublak (Universitätsklinikum Jena)

**Long-term visual deprivation effects selective visual attention, short-term memory and cortical plasticity**  
Franziska Wagner (Universitätsklinikum Jena)

**Phasic alerting effects on visual processing speed in patient with amnesic Mild Cognitive Impairment (aMCI)**  
Kathrin Finke (Friedrich-Schiller-Universität Jena), Marleen Haupt, Christoph Preul, Steffen Jödecke, Christian Sorg, Otto W. Witte

**Aging, visual short-term memory capacity and posterior thalamo-cortical connectivity: A TVA based structural connectivity Analysis**  
Aurore Menegaux (Technische Universität München), Felix Bäuerlein, Natan Napiorkowski, Hermann Müller, Christian Sorg, Kathrin Finke

**Effects of visual attention and working memory span on the eccentricity bias**  
Celine Gillebert (KU Leuven), Lena Hofbauer, Tianlu Wang

Talk Session

## Action II: SR-Binding

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HS 8

Torsten Martiny-Huenger

- 10:30 Associative Learning Contributes to Performance on the Wisconsin Card Sorting Test**  
Alexander Steinke (Hannover Medical School), Bilal Al-Hafez, Bruno Kopp
- 10:48 Bonding under pressure! The strength of stimulus-response pairings in triple-tasks**  
Maximilian Stefani (Bundeswehr University Munich), Franziska Eichert, Marian Sauter, Wolfgang Mack
- 11:06 From verbal thought to automatic action: Is there evidence for response priming following verbally processed stimulus-response contingencies?**  
Torsten Martiny-Huenger (The Arctic University of Norway)
- 11:24 Taking a closer look: Distractor-response binding in a saccadic discrimination task**  
Lars-Michael Schöpper (Universität Trier), Markus Lappe, Christian Frings

Symposium

## Source Memory

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HS 9

Liliane Wulff, Nikoletta Symeonidou

**The effects of source presentation and test format on recognition memory for item and source**

Hilal Tanyaş (University Of Mannheim), Mine Misirlisoy

**The Metamemory Expectancy Illusion in Source Monitoring Affects Metamemory Control and Memory**

Marie Luisa Schaper (Heinrich-Heine-Universität Düsseldorf), Ute J. Bayen

**Emotional content = better memory!? Source memory deficit for negative high-arousing sources**

Nikoletta Symeonidou (University of Mannheim), Beatrice G. Kuhlmann

**The influence of mood on old new recognition and source memory for happy and sad faces**

Meike Kroneisen (University Of Mannheim)

**Source monitoring and advertising: Effects of source credibility**

Raoul Bell (Heinrich Heine University Düsseldorf), Laura Mieth, Axel Buchner

**Beyond Source Memory: What Governs Our Memory for the Destination of Outgoing Information?**

Liliane Wulff (University Of Mannheim), Nikoletta Symeonidou

Symposium

## Cognitive and Neural Processes During Action Observation

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SR 113

Angelika Lingnau

**Adaptation aftereffects reveal representations for encoding of contingent social actions**

Stephan de la Rosa (FOM University of Applied Sciences)

**The cognitive architecture of action representations**

Zuzanna Kabulska (Regensburg University), Angelika Lingnau

Monday, 10:30 -12:00, Talks

**Hierarchical organization of actions**

Tonghe Zhuang (Universität Regensburg), Angelika Lingnau

**The predictive impact of contextual cues during action observation**

Nadiya El-Sourani (University Of Münster), Ricarda Schubotz

**Decoding the meaning of actions across vision and language**

Moritz Wurm (University Of Trento), Alfonso Caramazza

Talk Session

**Reading**

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SR 114

Christian Scharinger

**10:30 The effects of decorative pictures on text reading and working memory performance as revealed by EEG alpha frequency band power and pupil dilation data**

Christian Scharinger (Leibniz-Institut Für Wissensmedien Tübingen)

**10:48 Evaluating neurocognitive visual word recognition models in the wild: Visual-orthographic information optimization and lexical categorization in natural reading**

Benjamin Gagl (Goethe University Frankfurt), Christian Fiebach

**11:06 Psycholinguistic Approaches to Rapid Automatized Naming**

Lisa Gerhards (University of Cologne), Barbara Schmidt, Alfred Schabmann, Prisca Stenneken, Anna Rosenkranz

**11:24 Looking in patterns: Recurrence quantification analysis (RQA) of eye movements**

Monika Tschense (Max Planck Institute For Empirical Aesthetics), Sebastian Wallot

Talk Session

**Motivation**

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SR 206

Florian Müller

**10:30 Can Food Preferences be Modified by Posthypnotic Suggestions? An event-related brain potential study**

Anoushiravan Zahedi (Humboldt Universität Berlin), Werner Sommer

**10:48 (No) bottom-up influences on voluntary task switching in different reward contexts**

Vanessa Jurczyk (Universität Regensburg), Kerstin Fröber, Gesine Dreisbach

**11:06 Can monetary reward influence central bottleneck processing in dual-task situations?**

Leif Erik Langsdorf (Martin-Luther-Universität Halle-Wittenberg), Torsten Schubert

**11:24 Risky Business: Risk-Taking and Cosmopolitan Cities**

Timur Sevincer (University of Hamburg)

**11:42 Motives and Incentives Interactively Predict Motor Performance in Darts**

Florian Müller (Friedrich Schiller University Jena), Rouwen Cañal-Bruland

Talk Session

## Applied Psychology II

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SR 207

Philipp Schmid

- 10:30 Weight-of-Evidence Strategies to Counter Science Denialism**  
Philipp Schmid (University of Erfurt), Marius Schwarzer, Cornelia Betsch
- 10:48 A media intervention using vicarious contact improves explicit and implicit outgroup attitudes.**  
Franziska Ehrke (Universität Koblenz-Landau)
- 11:06 To touch or not to touch: Exploring the effects of touchscreen usage on psychological ownership and stimulus evaluation**  
Lisa Rabl (University of Tübingen), Jürgen Buder
- 11:24 Fake news recognition in young and older adults**  
Petra Filkukova (Simula Research Laboratory), Peter Ayton, Johannes Langguth
- 11:42 Perceived truth of social media news: An experimental investigation of source reliability, repeated exposure, and presentation format**  
Lena Nadarevic (Universität Mannheim), Rolf Reber, Anne Josephine Helmecke, Dilara Köse

Symposium

## Up- and down-tuning in attention: neuro-cognitive mechanisms of target selection and distractor suppression

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SR 208

Malte Wöstmann, Daniel Schneider

**Neural alpha oscillations implement distractor suppression independent of target selection**

Malte Wöstmann (University Of Lübeck), Mohsen Alavash, Jonas Obleser

**Background processing and selective attention in complex auditory scenes**

Sabine Thomassen (Chemnitz University of Technology), Alexandra Bendixen

**EEG insights into neural tracking of target and distractor streams in continuous, naturalistic auditory scenes**

Bojana Mirkovic (University of Oldenburg), Stefan Debener

**Posterior alpha power lateralization reflects the selection and inhibition of spatial context information in working memory**

Daniel Schneider (Leibniz Research Centre For Working Environment And Human Factors Dortmund), Marlene Rösner

**More capture, more suppression: distractor suppression due to statistical regularities is determined by the magnitude of attentional capture**

Michel Failing (Charité Berlin), Jan Theeuwes

## Monday, 14:00 – 15:30, Posters

Poster Session

### Action I

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- M-0-1 Binding of Body-related and Body-external Effect Features in Action Planning Depends on Task-Relevance**  
Viola Mocke (University of Würzburg), Wilfried Kunde, Christian Frings, Klaus Rothermund
- M-0-2 Feature-response binding under cognitive load**  
Tarini Singh (Martin-Luther-Universität Halle-Wittenberg), Torsten Schubert
- M-0-3 Visual imagery of static and dynamic object categories**  
Zuzanna Kabulska (Regensburg University), Tonghe Zhuang, Seth Levine, Caterina Pedersini, Angelika Lingnau
- M-0-4 Effects of Time-on-Task on movement preparation and movement execution**  
Arpad Csatho (University of Pecs) Andras Matuz, Andras Zsido, István Hernádi
- M-0-5 Superior first, inferior second? Hunting for intention superiority and intention inhibition**  
Marcus Möschl (Technische Universität Dresden), Moritz Walser
- M-0-6 Manipulating uncertainty: Evaluating multisensory integration models of temporal binding**  
Annika Klaffehn (Julius Maximilians University of Würzburg), Roland Pfister, Wilfried Kunde
- M-0-7 The decline of great expectations with preparation: Sequential action biases decrease with foreperiod duration**  
Michael Steinborn (Julius Maximilians University of Würzburg), Robert Langner, Liyu Cao, Lynn Huestegge

Poster Session

### Applied Psychology

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- M-0-8 The Role of Working Memory in Multiple-Target Visual Search at the Airport Security Check**  
Anna Conci (Alpen-Adria Universität Klagenfurt), Robert Gaschler, Merim Bilalić
- M-0-9 Denktraining 2.0: Macht die Trainingsperson den Unterschied?**  
Laura Ackermann (Technische Universität Chemnitz), Heiner Rindermann
- M-0-10 A cognition-based human-machine interaction approach for thermal spraying**  
Franziska Bocklisch (Technische Universität Chemnitz), Pia Kutschmann, Rico Drehmann, Thomas Lampke
- M-0-11 Effects of score-sheet-based vs. standardized written feedback on student learning growth and change in reported self-efficacy**  
Astrid Haase (University of Erfurt), Christine Johannes

- M-0-12 The influence of individual aptitudes and instructional scaffolds on knowledge revision and science inquiry learning**  
Keke Kaikhosroshvili (Ludwig-Maximilians-Universität München), Nikita Banga, Katrina Bennett, Camilo Quiceno, Sarah Bichler
- M-0-13 User Experience and Usability in the Development of a Textile-integrated Sensor System for Feedback-assisted Rehabilitation after Surgery of the Anterior Cruciate Ligament**  
Eva Scholten (Institut Für Experimentelle Psychophysiologie), Dunja Storch, Julius Haupt, Jarek Krajewski, Sebastian Schnieder
- M-0-14 Effective information after digital identity theft: Testing the perception and effectiveness of leak-checkers**  
Silke Müller (Universität Duisburg-Essen), Roja Hoff, Andreas Oelker, Jaro Pekal, Matthias Brand

Poster Session

## Attention I

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- M-0-15 Individual Differences in Visual Attention: A Short, Reliable, Open Source, and Multilingual Test of Multiple Object Tracking in PsychoPy**  
Hauke S. Meyerhoff (Leibniz-Institut Für Wissensmedien Tübingen), Frank Papenmeier
- M-0-16 Temporal Preparation Facilitates Spatial Selection via an Increase in Bottom-Up Salience**  
Janina Balke (University Of Tuebingen), Bettina Rolke, Verena C. Seibold
- M-0-17 Look at Me, When I'm Talking – Impact of Audio-Visual Speech on Spatial Switching in a Multi-Talker Cocktail-Party Situation**  
Alexandra Begau (Leibniz Research Centre For Working Environment And Human Factors), Stephan Getzmann
- M-0-18 Can we mindfully control our attention: Comparing the effects of short mindfulness breathing meditation and progressive muscle relaxation on cognitive functions**  
Elena Vieth (Universität Duisburg-Essen), Silja Bellingrath, Lisa Von Stockhausen
- M-0-19 Validating the EmpaToM-Y: A new instrument to assess social understanding in adolescents**  
Christina Breil (University of Würzburg), Anne Böckler
- M-0-20 The effects of unattended threatening images on visual search performance: an eye-tracking study**  
Andras Zsido (University of Pecs), Diana Stecina, Rebecca Cseh, Orsolya Inhof, Andras Matuz, Arpad Csatho
- M-0-21 Sequential effect in reaction time and oculomotor inhibition**  
Noam Tal-Perry (Tel-Aviv University), Shlomit Yuval-Greenberg
- M-0-22 Personality Traits Modulate Gaze Behavior Towards Dynamic Stimuli High in Social Information**  
Felizitas Löffler (Universität Innsbruck), Lucas Haraped, Thomas Maran, Simon Liegl, Nino Mix, Pierre Sachse
- M-0-23 Exploring TVA-based assessment as a diagnostic tool within the context of a typical neurology ward.**  
Alexander Kessner (University Hospital Jena), Otto W. Witte, Peter Bublak

Monday, 14:00 -15:30, Posters

**M-0-24 Resting state functional connectivity correlates of the Time-on-Task effect and reward-induced changes in task performance**

Andras Matuz (University of Pécs), Gergely Darnai, Ákos Arató, Arpad Csatho

**M-0-25 Only learned target features guide visual attention**

Markus Grüner (Universität Wien), Florian Goller, Ulrich Ansorge

Poster Session

**Cognition I**

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**M-0-26 The effect of interruption duration and position on post-interruption performance**

Patricia Hirsch (RWTH Aachen), Luca Moretti, Iring Koch

**M-0-27 The influence of the writing instrument (pencil, tablet stylus or keyboard) on reading and writing performance at the letter and word level of kindergarten children**

Carmen Mayer (Universitätsklinikum Ulm), Stefanie Wallner, Nora Budde-Spengler, Markus Kiefer, Petra Arndt

**M-0-28 When rules change: Adolescents learn from gains and losses in a reversal-learning paradigm**

Corinna Lorenz (Saarland University), Jutta Kray, Kerstin Unger

**M-0-29 Effects of an instructor's eye gaze on cognitive performance in a question-answer interaction**

Maria Glaser (Humboldt-Universität Berlin), Hannah-Sophia Boltz, Helene Kreysa, Stefan R. Schweinberger

**M-0-30 How Linear Interpolation Influences Perceptions of Income Inequality**

Jonas Ebert (Julius Maximilians University of Würzburg), Roland Deutsch

**M-0-31 Spatial Components in the Mental Representation of Physical Dimensions**

Martina Wernicke (Stiftung Universität Hildesheim), Uwe Mattler

**M-0-32 Implicit learning of color and shape sequences**

Sarah Wilts (Universität Köln), Hilde Haider

**M-0-33 The contribution of finger counting gestures and number words to number comprehension**

Elena Sixtus (University of Potsdam), Karsten Werner, Jan Lonnemann

Poster Session

**Implicit Cognition**

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**M-0-34 Agency for prevention behaviour**

Solveig Tonn (Julius Maximilians University of Würzburg), Lisa Weller, Katharina Schwarz, Wilfried Kunde, Roland Pfister

**M-0-35 Are green and red related to truth and falsity? An investigation of colour-validity associations with a stroop-task**

Alina Kias (University of Mannheim), Lena Nadarevic, Nikoletta Symeonidou

**M-0-36 Modality of task-irrelevant response-effects in implicit sequence-learning**

Clarissa Lustig (Universität Köln), Hilde Haider

**M-0-37 Metacognitive performance predictions can be independent of objective performance**

Sarah Esser (Universität Köln), Clarissa Lustig, Hilde Haider

**M-0-38 When the same is not the same: Influence of Stimulus Type, Block Order and Stimulus Category in the Implicit Association Test (IAT)**

Lisa Viegas (Universität Hildesheim), Christina Bermeitinger, Pamela Baess

**M-0-39 Introducing the concept of test difficulty into IAT-research in order to improve the predictive validity of the IAT**

Merlin Urban (Friedrich-Schiller-Universität Jena)

Poster Session

**Language I**

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**M-0-40 Naming pictures and sounds – Semantic context effects in the blocked-cyclic naming paradigm**

Stefan Wöhner (Leipzig University), Jörg D. Jescheniak, Andreas Mädebach

**M-0-41 Thinking fast and slow about words and voices: RT-distributional analyses of voice-specific priming in auditory word recognition**

Malte Viebahn (Leipzig University)

**M-0-42 Investigating the grammatical SNARC effect for collective nouns**

Fabian Hurler (University of Tübingen), Nikole Patson, Tessa Warren, Barbara Kaup

**M-0-43 Several languages in the mind – On the architecture of the multilingual mental lexicon**

Laura Sperl (Friedrich-Schiller-Universität Jena), Jürgen M. Kaufmann, Helene Kreysa

**M-0-44 Evaluating neuro-cognitive inspired reading models based on behavioral training data.**

Klara Gregorova (Goethe University Frankfurt), Benjamin Gagl

Poster Session

**Memory I**

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**M-0-45 Is Long-Term Memory Used in a Visuo-Spatial Change-Detection Paradigm?**

Benjamin Goecke (Ulm University), Oliver Wilhelm, Klaus Oberauer

**M-0-46 How we forget what we no longer need: Insights from examining the role of post-cue encoding for list-method directed forgetting after longer delay**

Elisabeth Meier (Universität Regensburg), Magdalena Abel, Karl-Heinz T. Bäuml

**M-0-47 Event Cognition – Do changes in background lead to forgetting**

Svenja Eickemeier (Universität Hildesheim), Farina Rühls, Christina Bermeitinger, Ryan P. M. Hackländer

**M-0-48 Effects of different cognitive demands of interruptions on the performance in a procedural task with sequential constraints**

Tara Radovic (Technische Universität Berlin), Dietrich Manzey

**M-0-49 Exploring the impact of Instagram and Facebook usage after learning on the retention of new memories**

Markus Martini (University of Innsbruck), Robert Marhenke, Pierre Sachse

Monday, 14:00 -15:30, Posters

**M-0-50 Learning from insight: Age differences in schema-coherent long-term memory formation**

Jasmin Kizilirmak (Deutsches Zentrum Für Neurodegenerative Erkrankungen), Larissa Fischer, Justus Krause, Björn Schott

**M-0-51 Context-dependent memory of motor sequences**

Markus Schmidt (PH Ludwigsburg), Tobias Tempel

Poster Session

**Neuropsychology**

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**M-1-1 Correlates of motion sickness in event-related potentials and pupil diameter**

Lukas Kirst (Catholic University Of Eichstätt-Ingolstadt), Benjamin Ernst, Marco Steinhauser

**M-1-2 Trait empathy affects expectancy and subsequent neural processing of observed actions**

Christine Albrecht (Heinrich-Heine-Universität Düsseldorf), Christian Bellebaum

**M-1-3 The effect of tDCS over the left PMC on the consolidation of a newly learned motor sequence**

Stephanie Bettina Göller (Heinrich-Heine-Universität Düsseldorf), Bettina Pollok

**M-1-4 A late valence-dependent fronto-central component in the event-related potential of augmented feedback processing predicts behavioral adjustments in practicing a motor task**

Daniel Krause (Paderborn University), Laura Faßbender, Timo Koers, Lisa Maurer

**M-1-5 Scaling the Mental Number Line**

Ann-Kathrin Beck (Technische Universität Kaiserslautern), Andrey Nikolaev, Steffen Theobald, Thomas Lachmann, Cees van Leeuwen

**M-1-6 The influence of pre-stimulus occipital alpha oscillations on visual discrimination and reaction time**

Lino Toran Jenner (Christian-Albrechts-Universität Kiel), Julian Keil, Christian Kaernbach

**M-1-7 Who is coming? The development of expectations about person identity: an fMRI study of identity-specific predictions.**

Sophie-Marie Rostalski (FSU Jena), Jonathan Edward Robinson, Géza Gergely Ambrus, Gyula Kovács, Patrick Johnston

**M-1-8 Attentional deficits in patients with aMCI – New insights from a TVA-based task.**

Annie Srowig (Universitätsklinikum Jena), Otto W. Witte, Kathrin Finke

Poster Session

**Perception I**

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**M-1-9 Motion in vision and touch: Crossmodal motion information biases spatial localization**

Simon Merz (Universität Trier), Hauke S. Meyerhoff, Charles Spence, Christian Frings

**M-1-10 Audiovisual Speech Processing in Adult Subjects with Asperger's Syndrome**

Anna Borgolte (Hannover Medical School), Christopher Sinke, Mandy Roy, Daniel Wiswede, Stefan Bleich, Gregor Szyck

**M-1-11 ERP correlates of Distractor-Induced Deafness**

Eric Kasswan (Medical School Berlin), Henry Ipczynski, Matti Gärtner, Lars Michael

**M-1-12 Picking the small and missing the giant- Automatic encoding of objects' real-world size**

Katharina Limbach (TU Dortmund), Maria Johann, Sarah Weigelt

**M-1-13 Individual differences in metacontrast masking and object substitution masking**

Tomke Trußner (Georg-August-Universität Göttingen), Thorsten Albrecht, Uwe Mattler

**M-1-14 Smart or active? – Odors Influences on Cognitive Performance and Physiological State**

Dunja Storch (Institute of Experimental Psychophysiology), Maike Lindhaus, Jarek Krajewski, Sebastian Schnieder

**M-1-15 Electrophysiological correlates of distance-to-norm and familiarity in face perception in high and low performers in face recognition**

Anna Schroeger (Friedrich-Schiller-Universität Jena), Stella J. Wuttke, Jürgen M. Kaufmann, Stefan R. Schweinberger

## Monday, 16:00 – 17:30, Talks

Symposium

### **Advances in person perception research: Processing identity and emotion in faces and voices**

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HS 4

Stefan R. Schweinberger, Florian Bublitzky

**The so-called other-“race” effect in face memory: A question of appearance**

Jürgen M. Kaufmann (Friedrich-Schiller-Universität Jena), Stefan R. Schweinberger, Madeleine Frister

**Automatic detection of familiarity in face selective cortical areas: A cross-cultural study**

Charlotta Marina Eick (Friedrich-Schiller-Universität Jena), Xiaoqian Yan, Bruno Rossion, Gyula Kovács

**The interaction of face identity and emotion processing as a function of verbal threat and safety learning**

Florian Bublitzky (Central Institute Of Mental Health Mannheim/University of Landau), Pedro Guerra

**Parameter-specific face and voice morphing: Perspectives for investigating emotional and identity processing**

Stefan R. Schweinberger (Friedrich Schiller University), Celina Von Eiff, Jürgen M. Kaufmann, Verena G. Skuk

**The Role of Timbre and Fundamental Frequency in Vocal Emotion Adaptation**

Christine Wulf (Friedrich-Schiller-Universität Jena), Verena G. Skuk, Sascha Frühholz, Celina Von Eiff, Stefan R. Schweinberger

Symposium

### **Computational modeling in cognitive psychology**

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HS 5

Henrik Singmann, Thorsten Pachur

**How information integration costs shape strategy selection in decision making: A Bayesian multimethod approach**

Thorsten Pachur (Max Planck Institute For Human Development)

**Effects of frustration of the achievement motive on task processing: Findings from diffusion model studies**

Veronika Lerche (Universität Heidelberg)

**A comparison of conflict diffusion models in the flanker task through pseudo-likelihood Bayes factors**

Nathan Evans (University of Amsterdam), Mathieu Servant

**Model selection by cross validation for computational models of visual working memory**

Nicholas Lange (University of Warwick), Henrik Singmann

**A Strong Test of Empirical Validity for Cognitive Process Models.**

Julia Haaf (University of Amsterdam), Nathan Evans, Frederik Aust

Talk Session

## Emotion and Ambivalence

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HS 6

Thomas Verliefe

- 16:00 Emotional impact and cultural identity construction in the context of the music festivals**  
Jordi Oliva (Open University of Catalonia)
- 16:18 Boosting emotional facial expressivity: Transcutaneous vagus nerve stimulation (tVNS) enhances facial mimicry**  
Julia Kozlik (University of Greifswald), Rico Fischer, Maria Maraver, Lorenza Colzato
- 16:36 Product labels: Asymmetric information integration and buying decision under more or less ambivalence**  
Ulf-Dietrich Reips (University of Konstanz), Philipp Jahn
- 16:54 Investigating the effects of ambivalence in evaluative priming: A diffusion model approach**  
Thomas Verliefe (Eberhard Karls Universität Tübingen), Mandy Hütter
- 17:12 Intraindividual variability in affect: A formalized, theoretical approach**  
Maria Wirth (Friedrich Schiller University Jena), Klaus Rothermund, Andreas Voss

Talk Session

## Attention

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HS 7

Radha Nila Meghanathan

- 16:00 Does switching matter? Investigating the influence of increased dual-task coordination load on the indirect representation of sexual interest within a sexual distractor task**  
Teresa Greiwe (Friedrich-Schiller-Universität Jena), Kirsten Jordan, Klaus Rothermund, Jürgen L. Müller
- 16:18 Are individually preferred response strategies in multitasking stable? – Evidence from free concurrent dual-tasking with varied between-task crosstalk.**  
Jovita Brüning (TU Berlin), Roman Reinert, Dietrich Manzey
- 16:36 Task-relevant neural activity related to refixation behaviour**  
Radha Nila Meghanathan (TU Kaiserslautern), Andrey Nikolaev, Cees van Leeuwen

Symposium

## Binding and Retrieval in Action Control: Specifying Modulators of Both Processes

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HS 8

Christian Frings

**Binding for action slips**

Anna Foerster (University Of Würzburg), Birte Moeller, Greg Huffman, Wilfried Kunde, Christian Frings, Roland Pfister

**Investigating the influence of salience on binding effects**

Ruth Laub (Universität Trier), Philip Schmalbrock, Christian Frings, Bernhard Hommel, Andrea Kiesel, Klaus Rothermund

Monday, 16:00 -17:30, Talks

**Mistakes were made: Episodic retrieval of erroneous responses**

Juhi Jayesh Parmar (Friedrich-Schiller-Universität Jena), Lennart Kapinos, Maximilian Stock, Klaus Rothermund

**The disintegration of event files over time: Decay or interference?**

Bernhard Hommel (Leiden University), Christian Frings

**Overshadowing in Contingency Learning and Stimulus-Response Binding and Retrieval**

Mrudula Arunkumar (Friedrich-Schiller-Universität Jena), Carina G. Giesen

**Binding and Retrieval of control states**

Moritz Schiltenswolf (Universität Freiburg), Andrea Kiesel, Christian Frings, David Dignath

Talk Session

**Working Memory**

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HS 9

Markus Georgi

**16:00 Incidental encoding of visual information in spatial and temporal reference frames in working memory**

Anna Heuer (Humboldt-Universität Berlin), Martin Rolfs

**16:18 Reorganization of Spatial Configurations in Visual Working Memory**

Frank Papenmeier (University of Tübingen), J. David Timm

**16:36 Background speech interferes with verbal short-term memory: On the differential influence of speech-like quality (Sinewave Speech) and phonological content**

Markus Georgi (RWTH Aachen), Larissa Leist, Maria Klatte, Sabine Schlittmeier

**16:54 Which components of working memory is the best predictor of multiplication skills of 3rd grade children?**

Selma Boz (Eötvös Loránd University), Münire Erden

**17:12 Working memory biases perception and decision making at different levels of abstraction**

Zhiqi Kang (Max Planck Institute For Human Development Berlin), Thomas Christophel, Bernhard Spitzer

Talk Session

**Perception I**

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SR 113

Christian Valuch

**16:00 Perspective determines the way you interpret pointing gestures**

Lisa-Marie Krause (Julius Maximilians University of Würzburg), Oliver Herbolt

**16:18 Alpha rhythms in the visual cortex impact what we see and how fast we see it**

Andreas Wutz (University of Salzburg)

**16:36 Entraining visual cortex activity in grapheme-color synaesthesia**

Gregor Volberg (Universität Regensburg)

**16:54 The number of trials shapes the relationship between priming and visibility under interocular suppression**

Christian Valuch (Georg-August-Universität Göttingen)

- 17:12 Time course and shared neurocognitive mechanisms of mental imagery and visual perception**  
Martin Maier (Humboldt-Universität Berlin), Romy Frömer, Johannes Rost, Werner Sommer, Rasha Abdel Rahman

Talk Session

## Language

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SR 114

Tanja Roembke

- 16:00 Effects of domain-specific information on causal judgments across languages**  
Annelie Rothe-Wulf (University of Freiburg)
- 16:18 Consequences, Norms, or Willingness to Interfere – What drives the Foreign Language Effect in Moral Dilemma Judgment**  
Max Hennig (Eberhard Karls Universität Tübingen), Mandy Hütter
- 16:36 No evidence for a predictability benefit in language switching**  
Tanja Roembke (RWTH Aachen), Andrea M. Philipp, Iring Koch
- 16:54 The influence of morphological configuration in language switching**  
Carla Elizabeth Contreras Saavedra (RWTH Aachen), Klaus Willmes, Iring Koch, Stefanie Schuch, Andrea M. Philipp

Talk Session

## Personality

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SR 206

Birk Diedenhofen

- 16:00 It's all about the fit: The influence of application context on the usefulness of overclaiming questionnaires in hiring situations**  
Birk Diedenhofen (University of Duesseldorf), Adrian Hoffmann
- 16:18 Automated and Video-driven Inference of Personality Characteristics based on Compound Feature Extraction and multivariate Transition-Flows**  
Mats Bosshammer (Institute Of Experimental Psychophysiology), David Daxberger, Jarek Krajewski, Sebastian Schnieder
- 16:36 Why does it feel good to act extraverted? An experimental study of the mediators between extraverted behavior and positive affect**  
Wiebke Herrmann (Universität Hamburg), Annabel Marschner, Jan Wacker
- 16:54 Troll Story: Trolling and the Dark Tetrad Revisited**  
Sara Alida Volkmer (University College Cork), Susanne Gaube, Martina Raue, Eva Lerner

Talk Session

## Applied Psychology III

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SR 207

Susanne Gaube

- 16:00 Evaluating the Endocrinological Impacts of Human Centric Lighting in a Field Study with Elderly Dementia Patients**  
David Daxberger (Institut für Experimentelle Psychophysilogie), Maike Lindhaus, Dunja Storch, Jarek Krajewski, Sebastian Schnieder

Monday, 16:00 -17:30, Talks

**16:18 Vaccination as a social contract**

Lars Korn (University of Erfurt), Robert Böhm, Nicolas W. Meier, Cornelia Betsch

**16:36 Following the doctor's order: Persuading hospital visitors' to clean their hands**

Susanne Gaube (Universität Regensburg), Peter Fischer, Verena Windl, Eva Lermer

**16:54 Increasing vaccination intentions with extended health knowledge: longitudinal experimental evidence**

Sarah Eitze (University of Erfurt), Dorothee Heinemeier, Nora Katharina Küpke, Cornelia Betsch

**17:12 Does ethical living or practicing physical Yoga exercises influence the outcomes of meditation?**

Karin Matko (TU Chemnitz), Peter Sedlmeier, Holger Bringmann

Talk Session

**Neuropsychology**

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SR 208

Nora K. Schaal

**16:00 Anodal transcranial direct-current stimulation (tDCS) improves voluntary task scheduling in dual-task situations**

Sebastian Kübler (Martin-Luther-Universität Halle-Wittenberg), Tilo Strobach, Torsten Schubert

**16:18 Valence-dependent changes of neural processing of augmented feedback after extensive practice of a new motor task**

Linda Margraf (Paderborn University), Daniel Krause, Matthias Weigelt

**16:36 How to quarrel better: mediation improves conflict resolution in romantic couples**

Olga Klimecki (University of Geneva)

**16:54 Differences in event-related potentials indicate differential use of mental rotation processes in parity judgements of humanoid and alphanumeric stimuli**

Daniel Krause (Paderborn University), Benjamin Richert, Matthias Weigelt

**17:12 Exploring Cortical Haemodynamic Responses During the Maastricht Acute Stress Test: a fNIRS study**

Nora K. Schaal (Heinrich-Heine-Universität Düsseldorf)

## Tuesday, 8:30 – 10:00, Talks

Talk Session

### Face Perception I

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HS 4

Helene Kreysa

- 08:30 The representation of face-prior precision in the human brain**  
Helen Blank (University Medical Center Hamburg-Eppendorf), Christian Büchel
- 08:48 Face Adaptation Effects in Non-configural Information**  
Ronja Mueller (Medical School Hamburg), Sandra Utz, Claus-Christian Carbon, Tilo Strobach
- 09:06 Recognising personally familiar and famous faces from highly variable images: Evidence from event-related brain potentials**  
Holger Wiese (Durham University)
- 09:24 How does the voice affect the perception of a face? A comparison across age-groups**  
Helene Kreysa (Friedrich Schiller University Jena), Yasin Alkiz, Marieke Jahneke, Elena Lorenz, Paulina Michal, Chiara Spielmann

Talk Session

### Decision Making I

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HS 5

Simon Ciranka

- 08:30 Biased risk perception in decisions about cognitive enhancement**  
Nora Katharina Küpke (University of Erfurt), Guido Mehlkop
- 08:48 The Semantic Representation of Risk Across the Life Span**  
Dirk Wulff (University of Basel), Rui Mata
- 09:06 Risky decision making and cognitive functions in high versus low media multitaskers**  
Silke Müller (Universität Duisburg-Essen), Johannes Schiebener, Matthias Brand, Magnus Liebherr
- 09:24 Complexity Aversion in Risk Preferences – Bias or Noise?**  
Yvonne Oberholzer (University of Geneva), Sebastian Olschewski, Benjamin Scheibehenne
- 09:42 Adaptive risk-taking with endogenous imprecision in real-time**  
Simon Ciranka (Max Planck Institute for Human Development)

Symposium

### Automatic processes in evaluative learning - Part I

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HS 6

Mandy Hütter, Klaus Rothermund

**Do automatic inferences determine our preferences? The role of inferential processes in evaluative learning**  
Pieter Van Dessel (Ghent University)

**Negativity bias in evaluative (counter-)conditioning**  
Taylor Benedict (University of Cologne), Anne Gast, Jehan Sparks

**Memory Activation in Attitude Formation**

Anne Gast (University of Cologne), Jasmin Richter, Taylor Benedict

**No Evidence of Implicit Misattribution of Valence During Evaluative Conditioning**

Jasmin Richter (University of Cologne), Anne Gast

**The main effect of US valence in relational EC paradigms is a propositional phenomenon**

Karoline Bading (University of Cologne), Frederik Aust, Klaus Rothermund, Christoph Stahl

**Toward an item-level assessment of subjective memory states in EC**

Christoph Stahl (Universität Köln), Olivier Corneille, Adrien Mierop, Frederik Aust

Talk Session

**Cognition I**

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HS 7

Laura Bröker

**08:30 Neural Correlates of Conflict Adaptation in Working Memory**

Eva-Maria Hartmann (Katholische Universität Eichstätt-Ingolstadt), Miriam Gade, Marco Steinhauser

**08:48 Weighted influence of metacontrol bias vs. task adaptivity on subsequent dual-task performance**

Laura Bröker (Deutsche Sporthochschule Köln), Harald Ewolds, Stefan Künzell, Rita F. de Oliveira, Markus Raab

**09:06 You did great! – on the influence of habitual inner speech on the Simon and the arrow flanker task with larger stimulus sets**

Miriam Gade (Medical School Berlin), Marko Paelecke

Talk Session

**Action III: Action Control**

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HS 8

Ronald Hübner

**08:30 The indirect task advantage on low-level sensory input: new insights on unconscious priming**

Catarina Amado (Eberhard Karls University Tübingen), Sascha Meyen, Iris Zerweck, Volker Franz

**08:48 Can we process task-irrelevant stimuli better than task-relevant stimuli? The case of number- and line-stimuli**

Iris Zerweck (University of Tuebingen), Sascha Meyen, Catarina Amado, Volker Franz

**09:06 Sequential structure in subjective patterns of randomness**

Ronald Hübner (Universität Konstanz)

**09:24 The limitless mind: Structuralist and Gestalt-like representations of behavior**

Lynn Huestegge (Julius-Maximilians-University Würzburg), Iring Koch, Aleks Pieczykolan, Tim Raettig

Talk Session

## Memory I

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HS 9

Ryan P. M. Hackländer

- 08:30 Performance Feedback Enhances Test Potentiated Encoding: Oscillatory Correlates of the Testing Effect**  
Petra Ludowicy (TU Kaiserslautern), Pedro M. Paz-Alonso, Thomas Lachmann, Daniela Czernochowski
- 08:48 The Base Rate Neglect in Episodic Memory**  
Yong Lu (Cardinal Stefan Wyszyński University Warsaw), Marek Nieznański
- 09:06 Memory Benefits of Guessing with Delayed Feedback**  
Oliwia Zaborowska (SWPS University of Social Sciences and Humanities Warsaw), Ewa Butowska, Krzysztof Piątkowski, Katarzyna Zawadzka, Maciej Hanczakowski
- 09:24 Olfactory context dependent memory: What makes odors effective mnemonic cues?**  
Ryan P. M. Hackländer (University of Hildesheim), Helge Schlüter, Christina Bermeitinger
- 09:42 Category Labels can Influence the Effects of Selective Retrieval on Nonretrieved Items**  
Michael Wirth (Regensburg University), Karl-Heinz T. Bäuml

Talk Session

## Perception II

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SR 113

J. Walter Tolentino-Castro

- 08:30 Cognitive engagement and the perception of time - a mutual relationship?**  
Sven Thönes (Johannes Gutenberg Universität Mainz), Stefan Arnau, Edmund Wascher, Daniel Schneider
- 08:48 Temporal Binding Past the Libet Clock: Testing Design Factors for an Auditory Timer**  
Felicitas Muth (Julius Maximilians University of Würzburg), Robert Wirth, Wilfried Kunde
- 09:06 Temporal weighting patterns in the judgment of stimuli of different sensory modalities**  
Alexander Fischenich (Johannes Gutenberg-Universität Mainz), Alexandra Sekowski, Daniel Oberfeld-Twistel
- 09:24 The effect of auditory pitch manipulations on temporal and spatial accuracy in a manual interception task**  
J. Walter Tolentino-Castro (German Sport University Cologne), Anna Schroeger, Rouwen Cañal-Bruland, Markus Raab
- 09:42 The omission response reflects specific and unspecific predictions in action-effect couplings**  
Tjerk Dercksen (Leibniz-Institut für Neurobiologie Magdeburg), Andreas Widmann, Nicole Wetzel

Symposium

**Automatic imitation: Novel methodological and theoretical approaches further the understanding of underlying mechanisms**

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SR 114

Oliver Genschow

**Implementation of an online imitation inhibition task**

Mareike Westfal (University of Cologne), Emiel Cracco, Jan Crusius, Oliver Genschow

**Automatic imitation of multiple agents: A computational model**

Emiel Cracco (Universiteit Gent), Richard P. Cooper

**Sociomotor Actions: Anticipated Partner Responses Are Primarily Represented in Terms of Spatial, Not Anatomical Features**

Lisa Weller (University of Würzburg), Roland Pfister, Wilfried Kunde

**Neuro-cognitive dynamics of self-other distinction are involved in interference control during automatic imitation in a social context**

Daniela Pfabigan (University of Oslo), Birgit Rauchbauer, Corinna Lorenz, Claus Lamm

**A social comparison perspective on imitation - Focusing on dissimilarities as compared to similarities decreases automatic imitation**

Oliver Genschow (Universität Köln), Emiel Cracco, Pieter Verbeke, Mareike Westfal, Jan Crusius

Symposium

**Current trends in experimental ageing research: bringing together perception, cognition, and motor control**

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SR 206

Jutta Billino

**Approaching optimality: functional adaptation and age-related changes in visual perception.**

Karin S. Pilz (University of Groningen)

**Age effects on metaperception: Linking individual differences in cognitive control and perception**

Lena Klever (Justus-Liebig-Universität Gießen), Jutta Billino, Pascal Mamassian

**Age-related changes in perception and recognition of social signals from faces**

Bozana Meinhardt-Injac (Catholic University of Applied Social Sciences Berlin), Günter Meinhardt

**Age differences in prospective memory: The role of strategic and associative demands**

Alexandra Hering (University of Geneva), Katharina Schnitzspahn, Yee Lee Shing, Matthias Kliegel

**Saccadic eye movements and postural control: Evidence for age-related prioritization?**

Maximilian Davide Broda (Justus Liebig University Giessen), Méline Wölfel, Jutta Billino

**The effects of biological motion information on spatial navigation performance in the elderly**

Nadine Diersch (DZNE), Martin Riemer, Paul-Christian Bürkner, Thomas Wolbers

Symposium

## **Passenger psychology and automated driving – The impact of novel interior concepts on human perception**

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SR 207

Stefan Ladwig, Viktoria Arling, Gudrun M. I. Voß

### **The Impact of Visual and Proprioceptive Factors on Subjective Ratings of Different Rotated Seating Positions and its Relevance for Automated Driving**

Sandra Hensen (RWTH Aachen), Julia Pelzer, Viktoria Arling, Gudrun M. I. Voß, Stefan Ladwig

### **The Influence of Visual Perception on the Subjective Evaluation of Rotated Seating Positions and its Relevance for Automated Driving**

Julia Pelzer (RWTH Aachen), Viktoria Arling, Stefan Ladwig, Gudrun M. I. Voß

### **Do Turn Warning Cues and Postural Stabilization Mitigate Passenger Motion Sickness While Reading?**

Judith Josupeit (TU Dresden), Eike Schmidt

### **Physiological Indicators of Discomfort in Automated Driving – Results of two Driving Simulator Studies**

Matthias Beggiato (Chemnitz University of Technology), Franziska Hartwich, Josef Krems

### **Reducing Discomfort in Automated Driving by Increasing System Transparency via HMI**

Franziska Hartwich (Chemnitz University of Technology), Matthias Beggiato, Josef Krems

Talk Session

## **Methods I**

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SR 208

Kenneth Holmqvist

**08:30 The influence of shared visual context on the successful emergence of novel conventions: From lab experiment to large-scale online smartphone application**

Thomas Müller (Max Planck Institute for The Science Of Human History), James Winters, Olivier Morin

**08:48 Video-based P-CR eye-trackers are not suitable for the measurement of small saccades**

Kenneth Holmqvist (Universität Regensburg), Saga Öhrbom, Mark Shovman

**09:06 Multidimensional Detrended Fluctuation Analysis (MdDFA) for the quantification of global long-memory processes and its application to EEG data**

Sebastian Wallot (Max Planck Institute for Empirical Aesthetics), Monika Tschense

**09:24 Reducing p-value Misconceptions: A Latent Growth Model Approach to Estimating Individual Rates of Improvement**

Arian Musliu (Ludwig-Maximilians-Universität München), Arianne Herrera-Bennett

**09:42 Quantifying perceptual efficiency of data visualizations**

Sven Ohl (Bernstein Center for Computational Neuroscience Berlin), Adu Matory, Martin Rolfs

## Tuesday, 10:30 – 12:00, Talks

Talk Session

### Face Perception II

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HS 4

Marleen Stelter

- 10:30 The influence of rater training and personal relevance on halo effects**  
Michael Gräf (FOM University of Applied Sciences)
- 10:48 Stable first impressions about unfamiliar people from dynamic face-voice information**  
Romi Zäske (University Hospital Jena), Celina Von Eiff, Stefan R. Schweinberger
- 11:06 The Ambiguous Face of Ecstatic Delight: Understanding the Role of Faces and Bodies in Real Life Videos**  
Kirsten Stark (Humboldt-Universität Berlin), Hillel Aviezer, Ran R. Hassin
- 11:24 Individuating outgroup faces: Investigating the cognitive processes underlying individuation versus categorization**  
Marleen Stelter (Universität Hamburg), Juliane Degner
- 11:42 The head-fake effect in basketball is based on the automating processing of head orientation, but not on gaze information**  
Matthias Weigelt (University of Paderborn), Iris Güldenpenning, Yvonne Steggemann-Weinrich

Talk Session

### Decision Making II

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HS 5

Linda McCaughey

- 10:30 Relation between Parameters of the Parallel Constraint Satisfaction Network Model of Decision Making and Other Individual Differences**  
Marc Jekel (Universität Köln), Tillmann Net, Andreas Glöckner
- 10:48 Information Always Comes at a Cost: Investigating Time and Money as Costs in Self-Truncated Sampling**  
Linda McCaughey (Heidelberg University), Johannes Prager, Klaus Fiedler
- 11:06 Distortions of numerical magnitude in decisions from sequential samples: When are extreme values over- or underweighted?**  
Verena Clarmann von Clarenau (Max Planck Institute for Human Development Berlin), Stefan Appelhoff, Thorsten Pachur, Bernhard Spitzer
- 11:24 Signal detection theory for multiple signals**  
Christian Kaernbach (Christian-Albrechts-Universität Kiel), Joshua Lorenzen
- 11:42 Integration of probabilities from different representation formats**  
Kevin Tiede (University of Konstanz), Wolfgang Gaissmaier

Symposium

**Automatic processes in evaluative learning - Part II**

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HS 6

Mandy Hütter, Klaus Rothermund

**Are there two independent evaluative conditioning effects in relational paradigms?**

**Dissociating the effects of CS-US pairings and their meaning**

Niels Kukken (Eberhard Karls Universität Tübingen), Mandy Hütter

**On the (un)controllability of attitude formation: Recent evidence regarding the 'when' and 'how'**

Mandy Hütter (Eberhard Karls Universität Tübingen), Steven Sweldens

**Testing the controllability of Evaluative Conditioning: Insights from instruction-based paradigms and ambivalent attitudes acquisition**

Adrien Mierop (Catholic University of Louvain), Olivier Corneille, Christoph Stahl, Mandy Hütter

**Beyond contingency awareness: The role of influence awareness and default option in resisting conditioned attitudes**

Florin Alin Sava (West University of Timisoara), B. Keith Payne, Andrei Rusu

**Investigating instruction- versus experience-based evaluative learning to understand processes underlying implicit measures**

Colin Smith (University of Florida)

Talk Session

**Cognition II**

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HS 7

Irina Monno

**10:30 Voluntary task choices as a function of task difficulty and error commission**

Markus Spitzer (Albert-Ludwigs-University Freiburg), Andrea Kiesel, David Dignath

**10:48 Neurophysiological Patterns associated with Individual Preferences in Task Switching**

Marie Mueckstein (International Psychoanalytic University), Jovita Brüning, Dietrich Manzey, Klaus Gramann

**11:06 No interaction of stimulus-response- and modality compatibility on task-switching**

Erik Friedgen (RWTH Aachen), Iring Koch, Denise Stephan

**11:24 Optimization criteria of self-organized task switching: tradeoff between waiting costs and switch costs in multitasking**

Irina Monno (Albert-Ludwigs-Universität Freiburg), Markus Spitzer, David Dignath, Andrea Kiesel

**11:42 Auditory-visual cross-modal transfer effects from task switching training: Evidence from old and young adults**

Benjamin Toovey (Martin-Luther-Universität Halle-Wittenberg), Florian Kattner, Torsten Schubert

Talk Session

**Action IV: Motor Control**

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HS 8

Oliver Herbolt

**10:30 Shifts of the point-of-change can be attributed to a lower cost of motor execution**

Christoph Schütz (Bielefeld University), Thomas Schack

Tuesday, 10:30 -12:00, Talks

- 10:48 Motor-cognitive crosstalk in a nested task – Decision making is modulated by concurrent motor processes**  
Eric Griebach (Friedrich-Schiller-Universität Jena), Francesca Incagli, Oliver Herbort, Rouwen Cañal-Bruland
- 11:06 Perturbation of Initial and Final Action Goals during the Preparation of Grasping: An ERP Study**  
Lin Yu (Bielefeld University), Thomas Schack, Dirk Koester
- 11:24 Precise movements in awkward postures: Precision requirements determine grasp selections for object manipulations**  
Oliver Herbort (Julius Maximilians University of Würzburg), Wilfried Kunde
- 11:42 Modality matters, but why? Effects of response selection difficulty on effector system-based prioritization in multiple action control**  
Mareike A. Hoffmann (University of Würzburg), Lynn Huestegge

Talk Session

## Memory II

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- HS 9 Julia Groß
- 10:30 Hindsight bias is not a by-product of knowledge updating**  
Julia Groß (University of Mannheim), Hartmut Blank, Thorsten Pachur
- 10:48 How decorative pictures in learning videos both foster and hinder learning and information retrieval in subsequent learning tests**  
Sascha Schneider (Technische Universität Chemnitz), Steve Nebel, Maik Beege, Günter Daniel Rey
- 11:06 Selection Mechanisms in Perceptual Long-Term Memory**  
Fabian Hutmacher (Universität Regensburg), Christof Kuhbandner
- 11:24 In Case of Doubt for the Suspicion? – A Memory Bias from Fact toward Uncertainty in News Headlines**  
Ann-Kathrin Brand (Leibniz-Institut für Wissensmedien Tübingen), Annika Scholl, Hauke S. Meyerhoff
- 11:42 The processes underlying interference-induced and delay-induced forgetting in younger and older adults**  
Oliver Kliegl (Universität Regensburg), Karl-Heinz T. Bäuml

Talk Session

## Perception III

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- SR 113 Franz Wurm
- 10:30 Influence of exploration length on force adaptation in softness discrimination**  
Aaron C. Zoeller (Justus-Liebig University Giessen), Knut Drewing
- 10:48 History effects in predicting somatosensory consequences during grasping**  
Marie Mosebach (Justus-Liebig-Universität Gießen), Dimitris Voudouris, Katja Fiehler
- 11:06 The computational and neural basis of credit assignment: Evidence for hierarchical task representations in environments with multiple feedback**  
Franz Wurm (Katholische Universität Eichstätt-Ingolstadt), Benjamin Ernst, Marco Steinhauser

**11:24 Encoding of deterministic and stochastic auditory rules in the human brain: The mismatch negativity does not know basic probability**

Erich Schröger (Leipzig University), Urte Roeber

**11:42 Does the mismatch negativity reflect predictive processes?**

Joshua Lorenzen (Christian-Albrechts-Universität Kiel), Julian Keil

Talk Session

**Implicit Measures**

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SR 114

Manuel Becker

**10:30 Being afraid of North African Immigrants – Explicit and Implicit Threat Bias against North African men in Germany**

Ruben Laukenmann (University of Mannheim)

**10:48 There's more to life than "positive": Non-evaluative semantic stimulus relations in the Evaluative Decision Task, revisited**

Manuel Becker (Albert-Ludwigs-Universität Freiburg), Marie Jakob, Karl Christoph Klauer

**11:06 The importance of distinguishing between evaluation and motivation in development and application of implicit measures**

Nicolas Koranyi (Friedrich Schiller University Jena), Klaus Rothermund, Laura Anne Grigutsch

**11:24 The validity of trait implicit self-esteem**

Adrian Jusepeitis (Friedrich Schiller University Jena)

Talk Session

**Development and Ageing**

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SR 206

Magnus Liebherr

**10:30 Differential effects of irrelevant sounds on short-term memory in children and adults**

Larissa Leist (TU Kaiserslautern), Kirstin Bergström, Thomas Lachmann, Maria Klatte

**10:48 Thinking while walking: A closer look at executive functions in human gait**

Wenke Möhring (University of Basel), Stephanie Klupp, Robin Segerer, Sabine Schaefer, Alexander Grob

**11:06 Age-Related Differences in Switching Attentional Demands**

Magnus Liebherr (University Duisburg-Essen), Stephanie Antons, Matthias Brand

**11:24 Top-down control of probabilistic attentional distraction in children and adults: An ERP and pupillometry study**

Elena Selezneva (Leibniz-Institut für Neurobiologie Magdeburg), Andreas Widmann, Nicole Wetzel

**11:42 The impact of novelty and emotion on attention-related ERPs and pupil responses in children**

Carolina Bonmassar (Leibniz-Institut für Neurobiologie Magdeburg), Andreas Widmann, Nicole Wetzel

Tuesday, 10:30 -12:00, Talks

Talk Session

## **Traffic Psychology I**

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SR 207

Frederik Schewe

- 10:30 Ecological Interface Design und kognitive Arbeitsbelastung**  
Frederik Schewe (Technische Universität Braunschweig), Mark Vollrath
- 10:48 Wie reagieren menschliche Fahrer auf hochautomatisierte Fahrzeuge im Mischverkehr?**  
Vanessa Stange (TU Braunschweig), Matthias Kühn, Mark Vollrath
- 11:06 Better safe than sorry – Gap Acceptance related to Participants' Age, Vehicle Types and Speed**  
Ann-Christin Hensch (Chemnitz University of Technologie), Matthias Beggiato, Josef Krems

Talk Session

## **Pre-Data Session**

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SR 208

Carina G. Giesen

- 10:30 Does online collaboration work? Examining accuracy, detail, and efficiency of information sharing in sequential collaboration**  
Maren Mayer (University Of Mannheim), Daniel W. Heck
- 10:45 Investigating the Affect Misattribution Procedure by Hand: Examining the Cognitive Processes in a Socially Sensitive versus Non-Socially Sensitive AMP by Means of Mouse-Tracking**  
Lea Nahon (Philipps University Of Marburg), Sarah Teige-Mocigemba
- 11:00 Developing a research framework to investigate problem-solving skills in IT security experts**  
Martin Bordewieck (Ruhr University Bochum), Malte Elson
- 11:15 Investigating how prediction errors make us remember**  
Isabelle Ehrlich (Goethe-University Frankfurt), Javier Ortiz-Tudela, Yee Lee Shing, Sophie Nolden
- 11:30 Measuring change processes that constitute goal disengagement in a concrete situation: Developing a paradigm based on cyberball**  
Farina Rühls (Hildesheim University), Cathleen Kappes, Werner Greve
- 11:45 A Formal Examination of Privileged Social Categories**  
Samuel Klein (University Of California, Davis), Jeffrey Sherman

## Tuesday, 14:00 – 15:30, Posters

Poster Session

### Action II

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- T-0-1 The degree of randomness in a free-choice learning tasks predicts action-effect learning.**  
Yevhen Damansky (The Arctic University of Norway), Torsten Martiny-Huenger
- T-0-2 Central limitations contribute to the spatial interference effect in bimanual pointing**  
Markus Janczyk (University of Tübingen), Cosima Schneider, Moritz Durst, Constanze Hesse
- T-0-3 Separation of sequences within dual-task exercises**  
Christian Petry (Fernuniversität in Hagen), Christoph Naefgen, Hilde Haider, Robert Gaschler
- T-0-4 No reduction of between-task interference with a repeating sequence of SOAs**  
Eva Röttger (University of Bremen), Markus Janczyk, Hilde Haider, Rico Fischer
- T-0-5 Effects of motor proficiency for unipolar depression and healthy people**  
Dirk Koester (BSP Business School Berlin), Caroline Schwarzer, Wanja Bröchle, Thomas Schack, Udo Schneider, Karin Rosenkranz
- T-0-6 Effect of acquired grasp-object manipulation associations on grasp selection**  
Thomas Camus (Julius Maximilians University of Würzburg), Oliver Herbort
- T-0-7 Maintaining focus during preparation: Individual differences in long-foreperiod repetition benefits**  
Robert Langner (Heinrich Heine University Düsseldorf), Liyu Cao, Lynn Huestegge, Michael Steinborn

Poster Session

### Attention II

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- T-0-8 Inducing mind wandering when reading hypertexts**  
Teresa Schurer (Martin-Luther-Universität Halle-Wittenberg), Bertram Opitz, Torsten Schubert
- T-0-9 Searching for Two Colors in Single- vs. Dual-Task Versions of the Contingent-Capture Protocol**  
Christian Büsel (Universität Innsbruck), Christian Valuch, Ulrich Ansorge
- T-0-10 The detrimental impact of interruptions on working memory performance – evidence by frontal theta and posterior alpha oscillations in the EEG**  
Marlene Rösner (Leibniz Research Centre for Working Environment and Human Factors Dortmund), Bianca Zickerick, Edmund Wascher, Daniel Schneider
- T-0-11 Orienting attention to temporal and spatial locations in visual working memory**  
David Sebastian Steins (Humboldt-Universität Berlin), Martin Rolfs, Anna Heuer

Tuesday, 14:00 -15:30, Posters

- T-0-12 Monkey sees, monkey does? Self-generated vs. instructed strategies**  
Anja Kühnel (Medical School Berlin)
- T-0-13 Cross-modal association in visual search task: Role of task-relevance and importance of acoustic stimuli**  
Orsolya Inhof (University of Pecs), Zsófia Dina Sümegi, Balázs Beda, Andras Zsido
- T-0-14 Temporal dynamics of attentional shifting in frequency tagged random dot kinematograms**  
Tobias Grage (TU Dresden), Simon Frisch, Stefan Scherbaum
- T-0-15 Phasic alertness facilitates processing of salient stimuli in the flanker task**  
Verena C. Seibold (Eberhard Karls University of Tübingen)
- T-0-16 The cognitive deficit profile in survivors of severe sepsis – first results of the STARDUsT study**  
Elizabeth Hertel (Universitätsklinikum Jena), Christian Geis, André Scherag, Jonathan Wickel, Kathrin Finke
- T-0-17 Effects of acute stress on attentional adjustment and distractor-elicited response activation**  
Imke Gillich (Helmut-Schmidt-University), Mike Wendt, Andreas Löw, Susanne Vogel, Thomas Jacobsen
- T-0-18 The relation between bottom-up attention and awareness in visual masking**  
Diane Baier (University of Vienna), Florian Goller, Ulrich Ansorge

Poster Session

## Cognition II

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- T-0-19 Multitasking might involve costs but also benefits – effects of resource competition on performance outcomes of individual processing styles**  
Valentin Koob (Universität Bremen), Jovita Brüning, Dietrich Manzey
- T-0-20 Tidying up the Anchoring Shelf: Failure to Replicate Subliminal Anchoring**  
Lukas Röseler (University of Bamberg), Astrid Schütz, Marieluisa Dück, Sabine Fels, Jana Kupfer, Johannes Langer
- T-0-21 Functional relevance of acoustic and motor representations for verbs: A behavioral interference study**  
Margot Popp (Ulm University), Alexander Berger, Markus Kiefer
- T-0-22 Exploring Binding of Irrelevant Features through Task Switching Paradigms**  
Elena Benini (RWTH Aachen), Iring Koch, Susanne Mayr, Christian Frings, Andrea M. Philipp
- T-0-23 Changing automatized motor skills: On the role of proactive interference and interindividual differences**  
Laura Sperl (Friedrich-Schiller-Universität Jena), Rouwen Cañal-Bruland
- T-0-24 Visual and auditory context binding in working memory**  
Katrin Bittrich (Medizinische Hochschule Brandenburg), Patrick Khader, Kerstin Jost

**T-0-25 A short-term reduction of the number of candidate tasks diminishes n – 2 repetition costs**

Juliane Scheil (Leibniz Research Centre for Working Environment and Human Factors), Thomas Kleinsorge

**T-0-26 Zur Rolle musikalischer Expertise für die Handlungsplanung**

Miriam Gade (Medical School Berlin), Verena Brunner, Kathrin Schlemmer

Poster Session

**Emotion I**

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**T-0-27 Emotion-modulated Semantic Recall: Bimodal Effects of Nonverbal Facial & Vocal Cues**

Moutoshi Pal (Ludwig Maximilians Universität München), Begüm Bektöre, Shermain Puah, Yan Wing Kong, Arianne Herrera-Bennett

**T-0-28 The Role of Achievement Emotions in Visual Working Memory Performance: A Registered Report**

Sara Laybourn (Ludwig Maximilians Universität München), Anne C. Frenzel, Martin Constant

**T-0-29 Effects of Cueing on Processing Taboo and Neutral Words in L1 and L2**

Anke Huckauf (Ulm University), Ina Koniakowsky, Tatjana A. Nazir

**T-0-30 The effect of threat belief on generalization of extinction**

Alex Wong (University of Würzburg), Juliane Boschet, Valentina Glück, Paula Engelke

**T-0-31 Age differences in affective flexibility**

Maria Wirth (Friedrich Schiller University Jena), Klaus Rothermund

**T-0-32 Heartfelt Grief: A Within-Subject Experiment Measuring Heart Rate Variability**

Simon Liegl (University of Liechtenstein), Tilman Grünbaum, Thomas Maran, Stefano Manno, Pierre Sachse

**T-0-33 Suppressing signals: the competition of top-down and bottom-up attentional control in the presence of threatening stimuli**

Diana Stecina (University of Pecs), Rebecca Cseh, Julia Basler, Andras Zsido

Poster Session

**Language II**

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**T-0-34 Opening a file drawer – Surprisingly robust evidence for semantic interference from distractor pictures in picture naming**

Jörg D. Jescheniak (Leipzig University), Stefan Wöhner, Andreas Mädebach

**T-0-35 Cumulative Semantic Interference during Language Production in a Joint Task Setting – an EEG Study**

Roger Hauber (Humboldt Universität Berlin), Anna Katharina Kuhlen, Rasha Abdel Rahman

**T-0-36 The Experiential Basis of Compatibility Effects in Reading-by-Rotating Paradigms**

Francesca Capuano (Eberhard Karls University of Tübingen), Berry Claus, Barbara Kaup

- T-0-37 The effect of location-associated words on visuospatial working memory**  
Oksana Tsaregorodtseva (University of Tübingen), Barbara Kaup

Poster Session

## Memory II

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- T-0-38 Recognising other-race faces is more effortful: Effects of individuating instructions on encoding-related ERP Dm effects**  
Simone Tüttenberg (Saarland University), Holger Wiese
- T-0-39 May the source be with you: Electrophysiological evidence for the beneficial effects of retrieval orientations on performance in a source memory task**  
Julia Meßmer (Saarland University), Michael Weigl, Axel Mecklinger
- T-0-40 A truth effect for irrelevant speech: Increased subjective truth ratings for previously ignored statements**  
Jan Philipp Röer (Witten/Herdecke University), Raoul Bell, Laura Mieth, Axel Buchner
- T-0-41 Consequences of cognitive offloading: Boosting performance but diminishing memory**  
Sandra Grinschgl (University of Tübingen), Frank Papenmeier, Hauke S. Meyerhoff
- T-0-42 Is the Survival Processing Effect resource dependent?**  
Michael Kriechbaumer (Universität Koblenz-Landau), Meike Kroneisen, Edgar Erdfelder, Siri-Maria Kamp
- T-0-43 Auditory streaming and short-term memory: Effects of talker variability on serial recall and auditory distraction**  
Abdullah Jeleslati (TU Kaiserslautern), Larissa Leist, Thomas Lachmann, Maria Klatte
- T-0-44 A surprise to remember: How does prediction error strength influence memory?**  
Julie Sophie Von Westerman (Goethe University Frankfurt), Javier Ortiz-Tudela, Yee Lee Shing
- T-0-45 Future-oriented encoding benefits in middle and old age: Retrieval practice versus semantic elaboration**  
Alina Mailach (Leipzig University), Florian Hahne, Nils Heinrich, Robert Gaschler, Veit Kubik

Poster Session

## Methods and Innovation

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- T-0-46 Open Lab: a web application for conducting and sharing online-experiments**  
Yury Shevchenko (University of Konstanz), Felix Henninger
- T-0-47 Increasing compliance by lowering participant burden: The application of simple one-button wearables in Experience Sampling Methodology studies**  
Selina Volsa (Karl Landsteiner Privatuniversität für Gesundheitswissenschaften), Stefan Stieger, David Lewetz, Bernad Batinic
- T-0-48 Bayesian Model Averaging of Mixture Models: A case study of estimating the proportion of false positives in Psychological literature**  
Deniz Tuzsus (University of Cologne), Simon Kucharsky, Eric-Jan Wagenmakers

- T-0-49 A framework to study the digital behavior of large cohorts**  
Alexander Markowetz (Universität Bonn), Ionut Andone, Konrad Blaszkiewicz, Qais Kasem
- T-0-50 Validating mouse-tracking indices in online surveys**  
Franziska M. Leipold (Universität Mannheim), Pascal J. Kieslich, Felix Henninger
- T-0-51 Kindergarten children's numerical competencies, structural family background and quality of the Home Numeracy Environment**  
Jessica Feichtmayr (Ludwig-Maximilians-Universität München), Simone Lehl, Valérie-Danelle Berner, Lena Nürnberger, Lorenz Grolig, Frank Niklas
- T-0-52 Automated Detection and Monitoring of Pain: A video-based approach**  
Lisa Kiel (Institut für Experimentelle Psychophysiologie), Sonja Dana Roelen, Jarek Krajewski, Sebastian Schnieder
- T-0-53 Bayesian Analysis of Processed Information in Decision Making Experiments**  
Tillmann Nett (Fernuniversität in Hagen), Nadine Nett, Andreas Glöckner

Poster Session

## Perception II

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- T-1-1 The role of selective attention for object integration - evidence from pupillometry**  
Leonie Nowack (LMU Munich), Hermann Müller, Markus Conci
- T-1-2 You see it and you do it: Perceived and one's own motion in response priming**  
Christina Bermeitinger (Universität Hildesheim), Matthias Stiegemeyer, Ryan P. M. Hackländer, Marie Kollek, Alexandra E. Tränkner
- T-1-3 Multisensory integration in and out of the lab**  
Merle Marie Schuckart (Christian-Albrechts-Universität Kiel), Julian Keil
- T-1-4 Effects of data visualization on subjective assessments and evaluation of climate data**  
Mariam Katsarava (FernUniversität in Hagen), Robert Gaschler, Helen Landmann
- T-1-5 The effect of vertical perspective change on distance perception in a visual comparison task**  
Christoph Bernhard (Johannes Gutenberg-Universität Mainz), Christoph Freiherr Von Castell, Heiko Hecht
- T-1-6 Multimodal Emotion Perception in Cochlear Implant Users: A Pilot Study**  
Celina Von Eiff (Friedrich Schiller University), Stefan R. Schweinberger
- T-1-7 Testing and modeling the role of sensory uncertainty in the perception of causality**  
Susan Kang (Universität Osnabrück), Martin Rolfs, Sven Ohl

Poster Session

## Social Psychology

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- T-1-8 Persuasion as a Sequential Process**  
Jannis Hildebrandt (Universität Bielefeld), Roman Linne, Hans-Peter Erb, Gerd Bohner
- T-1-9 Now More Than Ever! Political Polarization as a Result of Exposure to Fake News**  
Deliah Sarah Bolesta (Friedrich-Schiller-Universität Jena), Lena Winkler, Thomas Kessler

Tuesday, 14:00 -15:30, Posters

- T-1-10 Why we feel unhappy reading about our happy online friends - Three studies on social comparisons, depression and social media use**  
Phillip Ozimek (Fachhochschule Münster), Hans-Werner Bierhoff
- T-1-11 Differences both in affective and semantic contents explain the representation of occupational labels**  
Ferenc Kocsor (University of Pecs)
- T-1-12 The Effect of Social Influence on Relief Learning**  
Marthe Gründahl (Universitätsklinikum Würzburg), Leonie Retzlaff, Marta Andreatta, Grit Hein
- T-1-13 Predicting individual differences in generalized reciprocity with HEXACO Agreeableness and Honesty-Humility**  
Lara Többen (Universität Mannheim), Pascal J. Kieslich
- T-1-14 When inclusion results in exclusion: Outgroups suffer from being disliked, as soon as we like one**  
Ronja M. J. Boege (Bielefeld University), Gerd Bohner, Laura Lender
- T-1-15 A Causal Judgment Paradigm for Discrimination Perception**  
Paul Heineck (University of Würzburg), Roland Deutsch
- T-1-16 Learning prosocial motives**  
Anne Saulin (University Hospital Wuerzburg), Kathrin Delius, Chih-Chung Ting, Jan B. Engelmann, Grit Hein

## Tuesday, 16:00 – 17:30, Talks

Symposium

### **Empirical Aesthetics: How to Investigate Preferences in Different Domains**

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HS 4

Gregor Hayn-Leichsenring

**Symmetry and Face attractiveness**

Helmut Leder (University of Vienna), Andreas Gartus

**Seeking (dis)order in visual patterns**

Claudia Muth (University of Bamberg), Gesche Westphal-Fitch, Claus-Christian Carbon

**Liking and perceived colour of abstract art**

Carolin S. Altmann (Universitätsklinikum Jena), Anselm Brachmann, Christoph Redies

**Instagram Photography: Subjective and objective balance measures and their relation to aesthetic liking**

Katja Thömmes (University of Konstanz), Ronald Hübner

**Expertise and the beauty of mathematical equations**

Gregor Hayn-Leichsenring (Universitätsklinikum Jena), Oshin Vartanian, Anjan Chatterjee

**Smooth as Glass or Hard as Stone: On the Conceptual Space of Materials**

Barbara E. Marschall (Helmut-Schmidt-University), Valentin Wagner, Thomas Jacobsen

Talk Session

### **Decision Making III**

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HS 5

Sebastian Scholz

**16:00 Conjoint effects of decision making and stimulus probability (oddball-effect) on pupil dilation**

Christoph Strauch (Ulm University), Ina Koniakowsky, Anke Huckauf

**16:18 The Attraction Search Effect in Older and Younger Adults**

Sophie Scharf (University of Mannheim)

**16:36 Effects of Time Pressure on Automation-Aided Decision Making in a Luggage Screening Task**

Tobias Rieger (Technische Universität Berlin), Dietrich Manzey

**16:54 Influence of to-be-forgotten information on future decision-making**

Sebastian Scholz (University of Münster), Stephan Dutke

Tuesday, 16:00 -17:30, Talks

Talk Session

## Evaluative Conditioning

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HS 6

Bruno Richter

- 16:00 The role of sampling decisions in evaluative conditioning**  
Zachary Niese (University of Tübingen), Mandy Hütter
- 16:18 Effects of evaluative conditioning on the selection from iconic memory**  
Alexandra Clausen (TU Darmstadt), Florian Kattner, Karla Salazar-Vogel
- 16:36 Evaluative conditioning of emotional content is independent of social identification with the unconditioned stimuli**  
Bruno Richter (Eberhard Karls Universität Tübingen), Mandy Hütter
- 16:54 Taking a closer look at potential evidence for unconscious evaluative conditioning**  
Philine Thomasius (University of Cologne), Christoph Stahl

Symposium

## Binding and Time

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HS 7

Johanna Bogon

- The dark property of time**  
Martin Riemer (University of Groningen)
- The short, the long, and the binding: Evidence for metric integration of response duration**  
Johanna Bogon (Universität Regensburg), Katrin Köllnberger, Roland Thomaschke, Roland Pfister, Gesine Dreisbach
- Binding of action-effect intervals**  
David Dignath (Freiburg University), Roland Thomaschke, Andrea Kiesel, Johanna Bogon
- Integrating actions - Temporal restrictions for response-response binding effects**  
Birte Moeller (Trier University), Christian Frings
- Temporal event segmentation by auditory context**  
Susanne Mayr (University of Passau), Malte Möller, Ruyi Qiu, Iring Koch
- Connecting EEG signal decomposition and response selection processes using the Theory of Event Coding framework**  
Adam Takacs (TU Dresden)

Talk Session

## Action V: Interference and Inhibition

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HS 8

Christian Wolf

- 16:00 Beyond mean reaction times: Combining distributional analyses with processing stage manipulations in the Simon task**  
Victor Mittelstädt (University of Tuebingen), Jeff Miller
- 16:18 Isolating persisting task inhibition in a prime-probe task-switching paradigm**  
Iring Koch (RWTH Aachen), Chiara Koch, Stefanie Schuch

- 16:36 The Quiet Eye and Response-Selection Demands. Inhibition of Potential Action Alternatives**  
André Klostermann (University of Osnabrück)
- 16:54 Top-down control of saccades requires inhibiting suddenly appearing stimuli**  
Christian Wolf (Westfälische Wilhelms-Universität Münster), Markus Lappe
- 17:12 Effects of distractor modality on the inhibition of irrelevant spatial information: Insights from movement trajectories in an accessory Simon task.**  
Malte Möller (University of Passau), Susanne Mayr

Symposium

**Aspects of remembering: Current topics in experimental memory research**

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HS 9

Magdalena Abel

**Voluntary forgetting of outdated information across prolonged delay: Testing theoretical accounts of list-method directed forgetting**

Magdalena Abel (Universität Regensburg), Karl-Heinz T. Bäuml

**When (and why) font size dissociates metamemory and memory for nonwords**

Monika Undorf (University of Mannheim)

**The mnemonic time-travel effect: A preregistered failure to replicate despite high statistical power**

Laura Mieth (Heinrich-Heine-Universität Düsseldorf), Raoul Bell, Axel Buchner

**The forward effect of testing across the adulthood: Testing the episodic context account**

Veit Kubik (Fernuniversität in Hagen/Martin-Luther-Universität Halle-Wittenberg), Torsten Schubert

**Retrieval Facilitation in Source Memory**

Beatrice G. Kuhlmann (University of Mannheim), Nikoletta Symeonidou

**Age differences in false memory: The influence of perceptual and semantic similarity**

Yana Fandakova (Max Planck Institute For Human Development), Sandra Düzel

Symposium

**The role of action-specific predictions on perception**

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SR 113

Belkis Ezgi Arian, Katja Fiehler

**The role of multisensory precision control in the body representation for action**

Jakub Limanowski (University College London)

**The role of prediction in somatosensory suppression during grasping**

Maximilian Davide Broda (Justus Liebig University Giessen), Katja Fiehler, Dimitris Voudouris

**Discrete vs continuous action-feedback and their effects on behavioural and neural processing during predictive action-feedback monitoring**

Bianca van Kemenade (Philipps-Universität Marburg), Christina Schmitter, Olaf Steinsträter, Tilo Kircher, Benjamin Straube

**A study of the factors influencing the perceived temporal order of action and sensory events**

Desantis Andrea (ONERA)

**The role of motor-sensory and inter-sensory components in motor-sensory recalibration**

Belkis Ezgi Arikani (Justus Liebig University Giessen), Bianca van Kemenade, Katja Fiehler, Tilo Kircher, Knut Drewing, Benjamin Straube

Talk Session

**Social Psychology**

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SR 114

Stefanie Hechler

**16:00 Motor Coordination Induces Social Identification: An Exploration into the link between Joint Action and Group Perception**

Felix Johannes Götz (Universität Regensburg), Anand Krishna

**16:18 What Makes Attitudes Strong? Extremity, Confidence, Durability, and Resistance to Change in the Formation of Novel Attitudes**

Kate Ratliff (University of Florida)

**16:36 Moneyball – Inducing situations of actual social exclusion**

Benedikt Werner (University of Erfurt), Wladislaw Mill, Wasilios Hariskos

**16:54 Novel advances in measuring implicit and explicit group evaluations**

Hannah Kunde (Technische Universität München), Franziska Emmerling, Claudia Peus

**17:12 Self-involvement biases learning of ingroup and outgroup information, but not retrieval**

Stefanie Hechler (Friedrich-Schiller-Universität Jena), David Urschler, Thomas Kessler

Talk Session

**Learning I**

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SR 206

Tingting Huang

**16:00 Learning in anticipation of reward and punishment: Perspectives across the human lifespan**

Anni Richter (Leibniz-Institut für Neurobiologie Magdeburg), Matthew J. Betts, Lieke de Boer, Björn Schott, Marc Guitart-Masip, Kerstin Krauel

**16:18 The Interaction between Abstraction and Reward Magnitude in Category Learning**

René Schlegelmilch (University of Bremen), Andy Wills, Bettina Von Helversen

**16:36 Stimulus-driven updating of an attentional bias from statistical context learning in visual search**

Markus Conci (Ludwig-Maximilians-Universität München)

**16:54 Selection history, top-down control and the attention bias**

Anna Schubö (Philipps-Universität Marburg), Hanna Kadel, Dion Henare

**17:12 Super-additive processing of category- and context-related information in stereotype formation**

Tingting Huang (Friedrich-Schiller-Universität Jena), Klaus Rothermund

Talk Session

## Traffic Psychology II

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SR 207

Mark Vollrath

- 16:00 Wie wollen menschliche Fahrer in der Stadt automatisiert gefahren werden?**  
Mark Vollrath (TU Braunschweig), Vanessa Stange, Stephanie Wülker
- 16:18 Radfahrstreifen schützen? Einfluss des geschützten Radfahrstreifens auf das Fahrgefühl**  
Susanne Gruener (TU Braunschweig), Mark Vollrath
- 16:36 Traffic Psychological Implications for a Productive Work Environment in SAE Level 3 Automated Vehicles: Text Comprehension in Heads-Up Reading vs. Auditory Listening**  
Klemens Weigl (Catholic University of Eichstätt-Ingolstadt), Clemens Schartmüller, Philipp Wintersberger, Andreas Riener, Marco Steinhauser

Talk Session

## Methods II

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SR 208

Felix Henninger

- 16:00 Honesty Contracts: Validating a new method to control social desirability in self-reports**  
Madita Frickhoeffer (Heinrich-Heine-Universität Duesseldorf), Jochen Musch
- 16:18 Ok Google: Using virtual assistants in psychological research**  
Philipp Sprengholz (University of Erfurt), Cornelia Betsch
- 16:36 Samply: A user-friendly web and smartphone application for conducting experience sampling studies**  
Yury Shevchenko (University of Konstanz), Tim Kuhlmann, Ulf-Dietrich Reips
- 16:54 lab.js: A free, open, online experiment builder**  
Felix Henninger (University of Mannheim/University of Landau), Yury Shevchenko, Ulf K. Mertens, Pascal J. Kieslich, Benjamin E. Hilbig
- 17:12 Improving the validity of Crosswise Model estimates**  
Julia Meisters (University of Duesseldorf), Adrian Hoffmann, Jochen Musch

## Wednesday, 08:30 – 10:00, Talks

Talk Session

### Virtual Reality

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HS 4

J. David Timm

- 08:30 Using realistic visualizations to highlight information in a learning task**  
Alexander Skulmowski (Chemnitz University of Technology), Günter Daniel Rey
- 08:48 Sensorimotor adaptation in VR: Magnitude and persistence of the aftereffect increase with the number of interactions**  
Svetlana Wähnert (Technische Universität Berlin), Alexander Gerhards, Gisela Müller-Plath
- 09:06 Everything Starts with a Handshake – Effects of Character Design and Interactions on Social Presence in Virtual Reality**  
Jakub Edward Cichor (Technische Universität München), Maxim Egorov, David Plecher, Claudia Peus, Franziska Emmerling
- 09:24 Is this real Horror? Comparing Virtual Reality based Stress Induction to Real-Life Scenarios**  
Albert Anoschin (Institut für Experimentelle Psychophysiologie), Kai Achtermann, David Daxberger, Maike Lindhaus, Jarek Krajewski, Sebastian Schnieder
- 09:42 Spatial context supports object memory in a viewpoint-dependent manner – an investigation using an immersive virtual environment**  
J. David Timm (University of Tübingen), Frank Papenmeier

Talk Session

### Social Decision Making

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HS 5

Marco Biella

- 08:30 Predicting Group Decisions Based on Confidence Weighted Majority Voting**  
Sascha Meyen (Eberhard Karls Universität Tübingen), Dorothee Sigg, Ulrike Von Luxburg, Volker Franz
- 08:48 The Interaction Game: Development and Validation of an Experimental Paradigm for Manipulating Social Distance**  
Marco Biella (University of Tuebingen), Mandy Hütter
- 09:06 Multiple-Cue Judgment in Groups: The Role of Learning Environment and Social Interaction**  
Anna Thoma (Max-Planck-Institute for Human Development), Christin Schulze, Dries Trippas, Ralf Kurvers, Thorsten Pachur
- 09:24 The price of predictability – Estimating inconsistency premiums in social interactions**  
Judith Gerten (Universität Köln), Michael Zürn, Sascha Topolinski

Symposium

## **Apples and Oranges? Common Ground and Unique Advantages of Different Process Tracing Techniques**

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HS 6

Pascal J. Kieslich, Stefan Scherbaum

### **Process tracing in the browser with lab.js, mousetrap-web, and beyond**

Felix Henninger (University of Mannheim / University of Landau), Pascal J. Kieslich

### **What two heads do different from one: Tracing non-verbal interaction processes in joint value-based decision making**

Stefan Scherbaum (Technische Universität Dresden), Maja Dshemuchadse, Diana Schwenke

### **Same same, but different: Comparing insights from eye- and mouse-tracking during exemplar categorization**

Pascal J. Kieslich (University of Mannheim), Rima-Maria Rahal

### **Using multiple process tracing measures to build and test cognitive models**

Joseph Johnson (Miami University), Mary Frame

### **Benefits and Drawbacks of Utilizing Multiple Process Tracing Methods**

Mary Frame (Wright State University), Joseph Johnson

Symposium

## **How the cognitive and motor domains interact: the nature of cognitive processes involved in the control of body balance and gait**

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HS 7

Leif Johannsen, Denise Stephan

### **Cognitive and motor control: Impact of postural control on congruency effects**

Denise Stephan (RWTH Aachen), Erik Friedgen, Iring Koch

### **Interference between cognitive control and balance control**

Leif Johannsen (RWTH Aachen), Andrea Kiesel, Iring Koch

### **Context-specific control depending on posture**

Andrea Kiesel (University of Freiburg), Markus Spitzer, Michael Stumpf, David Dignath

### **Temporal structure of task interference between a go/no-go reaction time task and balance control**

Falko Döhring (Justus Liebig University Giessen), Hermann Müller

### **Disentangling the effect of working memory load on different postural subsystems**

Tanja Dirks (Martin-Luther-Universität Halle-Wittenberg), Sebastian Kübler, Tarini Singh, Rene Schwesig, Andreas Lauenroth, Torsten Schubert

### **Validity of the 'posture first' hypothesis in cognitive-motor tasks may depend on cognitive task constraints**

Nicole Hudl (Technische Universität Chemnitz), Robert Stojan, Otmar Leo Bock, Claudia Voelcker-Rehage

### **Effects of a 6-Week Cognitive-Postural Multitasking Training in Old Age**

Markus Brahms (Universität Potsdam), Christine Stelzel, Gunnar Wahmkow, Stephan Heinzel, Michael Rapp, Urs Granacher

Talk Session

**Action VI: Rule Violations and Errors**

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HS 8

Leidy Yurani Cubillos-Pinilla

- 08:30 Rules are made to be broken! Cognitive conflict underlying conditional rule-breaking**  
Leidy Yurani Cubillos-Pinilla (Technische Universität München), Roland Pfister, Franziska Emmerling
- 08:48 The impact of errors on Backward Inhibition**  
Luca Moretti (RWTH Aachen), Iring Koch, Stefanie Schuch
- 09:06 Increased error-related brain activity for more costly errors: The role of error evaluation based on error sources**  
Martin E. Maier (Katholische Universität Eichstätt-Ingolstadt), Marco Steinhauser
- 09:24 What to do and what not to do: Breaking positively and negatively formulated rules**  
Robert Wirth (Julius Maximilians University of Würzburg), Anna Foerster, Wilfried Kunde, Roland Pfister
- 09:42 E pluribus unum: merging subtask-specific error signals in dual-tasking**  
Robert Steinhauser (Catholic University of Eichstätt-Ingolstadt), Stefanie Ochsenkühn, Marco Steinhauser

Symposium

**Metamemory: New insights on memory monitoring**

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HS 9

Monika Undorf, Beatrice G. Kuhlmann

- Does incongruent information about word frequency affect people's judgments of learning?**  
Pedro Simão Mendes (University of Minho), Karlos Luna, Pedro B. Albuquerque
- The effects of perceptual disfluency for news items on metacognitive judgments and memory**  
Miri Besken (Bilkent University), Ezgi Ersen, Elif Cemre Solmaz
- Perceptual Coherence Increases Judgments of Learning (JOLs)**  
Malte Felix Zimdahl (University of Mannheim), Monika Undorf
- Cue integration in metamemory judgments for pictures**  
Arndt Bröder (University of Mannheim), Monika Undorf
- Is All Metamemory Monitoring Spared from Aging? Further Evidence for Aging-Impairment of Recollection Monitoring**  
Beatrice G. Kuhlmann (University of Mannheim), Monika Undorf
- Confidence-accuracy relationships in forced-choice recognition**  
Maciej Hanczakowski (SWPS University), Ewa Butowska, Katarzyna Zawadzka

Symposium

**Perception and Action in Sports**

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SR 113

Iris Güldenpenning, Andrea Polzien

**Grunting noises modulate predictions of ball flight in tennis**

Rouwen Cañal-Bruland (Friedrich-Schiller-Universität Jena, Germany), Lars Jauernig, Florian Müller

**The brighter, the better? The impact of brightness contrasts on offside judgments in soccer**

Peter Wühr (TU Dortmund), Daniel Memmert

**Temporal distance between head turn and pass modulates the head fake effect in basketball**

Andrea Polzien (University of Paderborn), Iris Güldenpenning, Matthias Weigelt

**Producing deceptive actions in sports: The costs of generating head fakes in basketball**

Iris Güldenpenning (University of Paderborn), Matthias Weigelt, Wilfried Kunde

**Electrify your Game! Anodal tDCS Increases the Resistance to Head Fakes in Basketball**

Maximilian A. Friehs (Trier University), Iris Güldenpenning, Christian Frings, Matthias Weigelt

Symposium

**Masked priming - a window to non-conscious cognition**

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SR 114

Markus Kiefer, Dirk Wentura

**Affective processing does not require awareness. On the use of the perceptual awareness scale in response priming research**

Dirk Wentura (Saarland University), Michaela Rohr

**Assessing subjective prime awareness on a trial-by-trial basis interferes with masked semantic priming effects**

Markus Kiefer (Ulm University), Marcel Harpaintner

**Masked number priming with CRT and LCD monitors: A solid test for the use of LCD monitors in masked visual computer experiments**

Michaela Rohr (Saarland University), Alexander Wagner

**Response inhibition in the Negative Compatibility Effect in the absence of inhibitory stimulus features**

Thomas Schmidt (TU Kaiserslautern), Dirk Vorberg, Maximilian Wolkersdorfer, Sven Panis, Lena Krah

**Time course of the suppression of visual priming effects by forward masks**

Uwe Mattler (Universität Göttingen), Nicolas Becker

Wednesday, 08:30 -10:00, Talks

Talk Session

## Learning II

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SR 206

Cai Longman

- 08:30 Smart but slow: How (not) to predict success in gamified complex skill learning**  
Marian Sauter (Bundeswehr University Munich), Maximilian Stefani, Wolfgang Mack
- 08:48 Training gender and case with specially designed children's books and songs**  
Friederike Von Lehmden (Ruhr-University Bochum), Claudia Müller-Brauers, Eva Belke
- 09:06 Origami folding: Memory load effects on acquisition of sequential skills**  
Fang Zhao (Fernuniversität in Hagen), Robert Gaschler, Anneli Kneschke, Simon Radler, Melanie Gausmann, Christina Duttine
- 09:24 Components of learned control routines transfer between unique tasks with common structural elements**  
Cai Longman (University of The West of Scotland), Fraser Milton, Andy Wills
- 09:42 Retrieval Practice meets elements of Game-Based Learning: An experimental study on different practice test modalities**  
Daria Mundt (University of Kassel), Johanna Mösta, Lina Margarita Sora Cabarique, Mirjam Ebersbach

Talk Session

## Complex Cognition

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SR 207

Salsabil Hamadache

- 08:30 Fake News in Biofeedback: Sham Feedback on Skin Conductance Responses Influences Affective Processing**  
Jan Ehlers (Bauhaus-Universität Weimar), Janine Grimmer
- 08:48 CRT generator: Study on item behavior**  
Deborah Alexis Canales Romero (Universität Konstanz), Pablo Garaizar, Ulf-Dietrich Reips
- 09:06 Predictors of cognitive performance in software reverse engineering and code obfuscation**  
Salsabil Hamadache (Ruhr University Bochum)

Symposium

## On the problem of judging non-linear relationships: biases, mental models and applications

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SR 208

Mario Herberz, Ola Svenson

**On the human inability to process inverse variables in intuitive judgments: Different cognitive processes leading to the time loss bias**  
Ola Svenson (Stockholm University)

**Pay more to save less? Efficiency upgrades are more attractive when judged in joint vs. separate evaluation modes**  
Eyal Peer (Hebrew University of Jerusalem), Eyal Gamliel

**Time saving bias in resource management**  
Magne Joergensen (Simula Metropolitan Center of Digital Engineering)

**Reducing the time loss bias: Two ways to improved driving safety and energy efficiency**

Mario Herberz (University of Geneva), Celina Kacpersky, Florian Kutzner

**The effect of a new (vs. conventional) speedometer: On accuracy and time needed to judge journey travel times**

Gabriella Eriksson (The Swedish National Road And Transport Research Institute/Leeds University), John Maule, Wandt Bruine de Bruin

## Wednesday, 10:30 – 12:00, Posters

Poster Session

### Action III

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- W-0-1 Motor-cognitive cross-talk in nested tasks: The Multi-Lane Tracking Task**  
Francesca Incagli (Julius Maximilians University of Würzburg), Eric Grießbach, Rouwen Cañal-Bruland, Oliver Herbolt
- W-0-2 Learning to Expect the Future: How fast do anticipatory saccades towards future action consequences emerge?**  
Florian Gouret (University of Freiburg), Christina Pfeuffer
- W-0-3 How skewed! The role of one's own body positions on the Simon task**  
Pamela Baess (University of Hildesheim), Christina Bermeitinger
- W-0-4 Within and between subject variability in dual task performance**  
Christoph Naefgen (FernUniversität in Hagen), Christine Blech, Michael Kriechbaumer, Hilde Haider, Nilam Ram, Robert Gaschler
- W-0-5 Striking the chord vs. playing the melody: Transfer between sequential and parallel execution of associated responses**  
Robert Gaschler (FernUniversität in Hagen), Eliot Hazeltine, Hilde Haider
- W-0-6 Effects of cognitive load on simple motor cognitive behavior in patients with multiple sclerosis and healthy controls: a pilot study**  
Sarah Stoll (Universität Konstanz), Daniel Watolla, Sabina Schwarz, Christian Dettmers, Michael Jöbges, Jennifer Randerath
- W-0-7 Self-generated expectations: the influence of anticipated validity**  
Nadine Nett (FernUniversität in Hagen), Robert Gaschler

Poster Session

### Attention III

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- W-0-8 The Influence of Continuous, Lateralized Auditory Stimulation on Visuospatial Attention**  
Rebecca Rosa Schmid (Universität Wien), Ulrich Pomper, Ulrich Ansorge
- W-0-9 Differential associations between different forms of childhood maltreatment and facial emotion processing**  
Benjamin Iffland (Universität Bielefeld), Frank Neuner
- W-0-10 Adjustments of selective attention to response conflict—controlling for perceptual conflict and dismissing non-attentional alternative explanations pertaining to the CSE**  
Miriam Tomat (Helmut-Schmidt-University), Mike Wendt, Aquiles Luna-Rodriguez, Thomas Jacobsen
- W-0-11 Alpha Protocol - The Role of EEG Alpha Power in Differences in Visual Information Processing based on the Theory of Visual Attention (TVA) between Action Video Gamers and Control Participants**  
Yannik Hilla (Ludwig-Maximilians-Universität München), Jörg Von Mankowski, Julia Föcker, Paul Sauseng

- W-0-12 Attention and Multimedia Usage – A Study on Children Aged Between 6-10 Years**  
Melanie Zerr (University of Duisburg-Essen), Stephanie Antons, Matthias Brand, Magnus Liebherr
- W-0-13 Investigating attentional guidance in visual search with real-life scenes**  
Felice Tavera (University of Cologne), Hilde Haider
- W-0-14 Is the interdependence of context-specific Proportion Congruency Effects due to the reciprocal influence between context-specific selectivity adjustments or to the binding of task and stimulus representations?**  
Michael Sprengel (Helmut-Schmidt-University), Mike Wendt, Thomas Jacobsen
- W-0-15 Probing anticipatory feature-based attention**  
Svantje Tabea Kähler (Helmut-Schmidt-University), Thomas Jacobsen, Mike Wendt
- W-0-16 Will prior semantic category learning affect later attentional deployment?**  
Geun Hyun Kim (Philipps-Universität Marburg)\*, Yunyun Mu\*, Anna Schubö
- W-0-17 Two types of between-task conflict trigger respective processing adjustments within one dual-task**  
Devu Mahesan (University of Greifswald), Markus Janczyk, Rico Fischer
- W-0-18 Gaze Allocation during Joint Decision-Making in Pairs of Uneven Competence**  
Nino Mix (Universität Innsbruck), Lucas Haraped, Armin Deutz, Gunther Gressmann, Christian Kolbitsch, Pierre Sachse

*\*Both authors contributed equally to this work*

Poster Session

## Cognition III

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- W-0-19 Electrophysiological correlates of changing reward prospect in voluntary task switching**  
Jonathan Mendl (Universität Regensburg), Vanessa Jurczyk, Kerstin Fröber, Gesine Dreisbach
- W-0-20 Influence of BDNF Val66Met polymorphism on semantic priming: Analyses with drift-diffusion models**  
Alexander Berger (Ulm University), Simon Sanwald, Christian Montag, Markus Kiefer
- W-0-21 The number-weight illusion**  
Dennis Reike (University of Potsdam), Wolf Schwarz
- W-0-22 Lying once, lying twice: Flexible retrieval of repeated honest and dishonest behavior**  
Alice Rickert (University of Freiburg), Anna Foerster, Roland Pfister, Maxim Schmadlak, Christina Pfeuffer
- W-0-23 Can conditioned attributes like valence and arousal influence an aesthetic judgment?**  
Bettina Rolke (Eberhard Karls Universität Tübingen), Elisabeth Hein, Mandy Hütter
- W-0-24 Spatial abilities contribute to monitoring temporal deadlines in children: Testing the spatio-temporal hypothesis in multitasking**  
Veit Kubik (Universität Halle), Christian Ritter, Alain Chavaillaz, Andrea Frick
- W-0-25 Disentangling predictive processing in the brain: a study in favour of a predictive network across sensory modalities**  
Linda Ficco (University of Turin), Lorenzo Mancuso, Jordi Manuella, Tommaso Costa, Franco Cauda, Gyula Kovács

Wednesday, 08:30 -10:00, Talks

**W-0-26 Learning of across- and within-task contingencies modulates partial repetition costs in dual-tasking**

Lasse Pelzer (Universität Köln), Hilde Haider, Christoph Naefgen, Robert Gaschler

**W-0-27 The Role of Recognition in the Directed Forgetting of Incidentally-Learned Stimulus-Response Associations**

Hannah Dames (University of Freiburg), Marco Ragni, Andrea Kiesel, Christina Pfeuffer

Poster Session

**Decision Making**

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**W-0-28 Effects of attitudinal congruency of online news snippets on usage of the term "fake news"**

Robert Luzsa (Uni Passau), Susanne Mayr

**W-0-29 The Influence of an App's Risk on Trust, Distrust and Intention to Use**

Josephine Halama (TU Chemnitz), Susen Döbelt, Franziska Bocklisch

**W-0-30 Decisions in modular plants: How people choose between options that are characterized by qualitatively different risks**

Romy Müller (Technische Universität Dresden), Alexander Blunk

**W-0-31 Financial incentives enhance the efficiency of empathy-based decisions**

Vassil Iotzov (Universitätsklinikum Würzburg), Anne Saulin, Jochen Kaiser, Shihui Han, Grit Hein

**W-0-32 Jumping to conclusions? Lévy flights better describe younger than older adults' fast binary decisions**

Marie Wieschen (Heidelberg University), Aalim Makani, Andreas Voss, Julia Spaniol

**W-0-33 Influence of the BDNF Val66Met polymorphism on unmasked semantic priming: A descriptive comparison between repeated measures ANOVA and event history analysis**

Simon Sanwald (Ulm University), Sven Panis, Christian Montag, Markus Kiefer

**W-0-34 Estimating decision times from movement trajectories as alternative to reaction times**

Philipp Ulbrich (Deutsches Primatenzentrum GmbH), Alexander Gail

**W-0-35 Who knew?! The impact of simple intervention methods on debiasing the anchoring heuristic**

Kristina Krause (Technische Universität Chemnitz), Gunter Busch, Annika Kaufmann, Lisa Spindler, Clara Stosch, Franziska Bocklisch

**W-0-36 A new experimental paradigm for evaluating maladaptive habitual avoidance**

Valentina Glück (University of Würzburg), Andre Pittig

Poster Session

**Emotion II**

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**W-0-37 Spatial avoidance versus attraction evoked by gestures as evidenced by EEG/ERP**

Ulrike Zimmer (Medical School Hamburg), Leonie Wulff, Anja Ischebeck

- W-0-38 Smiling helps! Effects of positive emotional expression on the perception of facial asymmetry**  
Helene Kreysa (Friedrich Schiller University Jena), Julia Festini, Christian Dobel, Stefan R. Schweinberger, Gerd Fabian Volk
- W-0-39 Der Einfluss von Peerviktimisierung auf die psychophysiologische Reaktion auf soziale Bewertung**  
Hannah Tramp (Universität Bielefeld), Thea Paulina Nitschke, Frank Neuner, Benjamin Iffland
- W-0-40 Development of software for indirect measurement of arousal and viewing direction in green anoles**  
Jannes Freiberg (Christian-Albrechts-Universität Kiel), Christian Kaernbach
- W-0-41 Examination of test-retest reliability of stimulus intensity amplitude at pain threshold by using cutaneous electrical stimulation**  
Viola Wagner (Universität Regensburg), Carolina Kanig, Mark W. Greenlee, Rainer Rupprecht, Jens V. Schwarzbach
- W-0-42 Trait Anxiety as a Marker of Aberrant Precision Weighing in Perceptual Decision Making**  
Nils Kraus (Psychologische Hochschule Berlin), Guido Hesselmann

Poster Session

### Language III

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- W-0-43 Is processing of presuppositions triggered by determiners an automatic or capacity-limited process?**  
Cosima Schneider (University of Tübingen), Markus Janczyk
- W-0-44 Semantic Interference in the Picture-Word Interference Task: Is there a Pre-Lexical, Conceptual Contribution to the Effect?**  
Hanna S. Bethcke (Leipzig University)\*, Marie C. Beaupain\*, Stefan Wöhner, Jörg D. Jescheniak  
*\*Both authors contributed equally to this work*
- W-0-45 Is this really true? – Comprehenders take into account the pragmatics of negation in a truth-value judgement task**  
Franziska Rück (Eberhard Karls Universität Tübingen), Carolin Dudschig, Barbara Kaup
- W-0-46 Test effect on learning complex grammatical structures of artificial language Brocanto**  
Christopher Fust (Martin-Luther-Universität Halle-Wittenberg), Veit Kubik, Bertram Opitz, Torsten Schubert

Poster Session

### Memory III

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- W-0-47 Source of feeling of knowing judgments: An event-related potential study**  
Gözem Turan (Goethe University Frankfurt And Bahcesehir University), Can Soylu, Berna Güler, Metehan Irak
- W-0-48 Competition among levels of representation: Do retrieval-induced forgetting and ownership cancel each other out?**  
Corinna Beckmann (Westfälische Wilhelms-Universität Münster), Julia Englert, Nexhmedin Morina

Wednesday, 08:30 -10:00, Talks

**W-0-49 The impact of idiosyncratic encoding on metamemory judgments.**

Sofia Navarro-Báez (University of Mannheim), Monika Undorf, Arndt Bröder

**W-0-50 Subitizing and Visual Working Memory: A Common Capacity Limit?**

Sophia Heinlein (Medizinische Hochschule Brandenburg), Kerstin Jost

**W-0-51 Raiders of the Lost Effects: How Robust Is the Emotional Oddball Effect in Memory?**

Helge Schlüter (University of Hildesheim), Ryan P. M. Hackländer, Christina Bermeitinger

**W-0-52 Validation of the Visual Sensory Memory Test (VSMT) on the human behavioral and neuronal level**

Isabel Schneider (Uni Kiel), Thorsten Bartsch, Christian Kaernbach

**W-0-53 Estimating individual theta frequency as a predictor of working-memory capacity**

Patrick Khader (Medizinische Hochschule Brandenburg), Kerstin Jost

Poster Session

**Perception III**

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**W-1-1 Binding Time: Exploring the integration of visual stimulus duration into event files**

Katrin Köllnberger (Universität Regensburg), Johanna Bogon, Gesine Dreisbach

**W-1-2 Constructing a test for assessing the ability to learn and recognize voices: A pre-study**

Denise Humble (Universitätsklinikum Jena) Stefan R. Schweinberger, Christian Dobel, Axel Mayer, Romi Zäske

**W-1-3 Visual fit estimation in scatterplots: Influence of amount and decentering of noise**

Daniel Reimann (University of Hagen), Christine Blech, Nilam Ram, Robert Gaschler

**W-1-4 Speech but not speaker perception is impaired in unilateral tinnitus**

Nils Frisius (Universitätsklinikum Jena), Daniela Ivansic, Stefan R. Schweinberger, Orlando Guntinas-Lichius, Christian Dobel, Romi Zäske

**W-1-5 The influence of visual blur on temporal and spatial precision in a manual interception task**

Anna Schroeger (FSU Jena), J. Walter Tolentino-Castro, Markus Raab, Rouwen Cañal-Bruland

**W-1-6 Expectation of time and the individual alpha frequency influence table tennis performance**

Christian Neumann (Christian-Albrechts-Universität Kiel), Christian Kaernbach, Manfred Wegner, Julian Keil

**W-1-7 The influence of saccade programming on the duration estimation of peripheral stimuli**

Alina Krug (Ulm University), Peter Veto, Anke Huckauf

Poster Session

## Psychopathology

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- W-1-8 The detrimental impact of punishment on conflict adaptation in a clinical population characterized by heightened punishment sensitivity and "too much" cognitive control**  
Joseph A. King (TU Dresden), Senne Braem, Julius Steding, Laura-Sophie Diekmann, Ehrlich Stefan
- W-1-9 Kortikale Antwort von SchizophreniepatientInnen auf soziale und monetäre Belohnung und Bestrafung**  
Klara Blauth (Universität Bielefeld), Angelina Weitkämper, Frank Neuner, Benjamin Iffland
- W-1-10 Virtual Reality-based Support of Acute Therapy and Relapse Prevention in the Deep-Psychological Treatment of unipolar Depression**  
Eva Scholten (Institut Für Experimentelle Psychophysiologie), Steffen Holsteg, Sonja Dana Roelen, Andre Karger, Jarek Krajewski, Sebastian Schnieder

Poster Session

## Traffic Psychology

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- W-1-11 Does intersection complexity matter? Investigating the prevalence of driver distraction when waiting at a red light in a Germany city**  
Tina Morgenstern (Chemnitz University of Technology), Sarah Anders, Julia Dostmann, Lisa Jahn, Rahel Zeschke, Franziska Bocklisch
- W-1-12 Der Einfluss von Einmündungsmerkmalen und Erwartungshaltung auf das Blick- und Annäherungsverhalten von Autofahrern an bidirektionalen Radwegen**  
Frauke Luise Berghoefer (TU Braunschweig), Anja Katharina Huemer, Mark Vollrath
- W-1-13 Taking driver frustration into account: Towards a speech-based emotion regulation in-car assistant**  
Martina Lienhop (FernUniversität in Hagen), Michael Oehl
- W-1-14 Discomfort detection in autonomous driving using artificial neural networks**  
Roghayyeh Assarzadeh (TU Chemnitz), Franziska Hartwich, Julien Vitay, Franziska Bocklisch
- W-1-15 Kinetosis mitigation via light-based HMI motion cues in automated vehicles**  
Max Bergholz (Universität Trier), Marc Wilbrink, Uwe Drewitz, Michael Oehl

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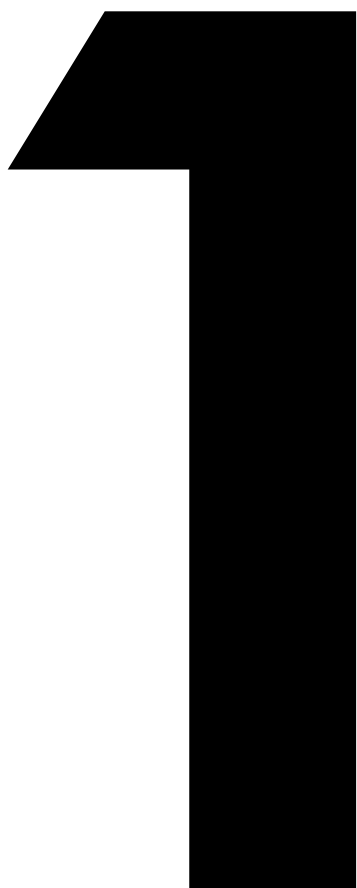
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