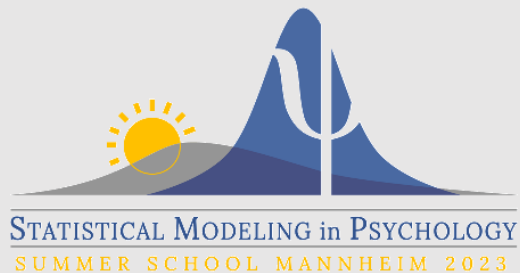


# SMiP SUMMER- SCHOOL 2023



funded by  
the Deutsche Forschungsgemeinschaft (DFG,  
German Research Foundation) – GRK 2277  
“Statistical Modeling in Psychology”,

in collaboration with  
the Interuniversity Graduate School of  
Psychometrics and Sociometrics (IOPS)

and  
the University of Mannheim

Contact:  
SMiP\_SummerSchool@uni-mannheim.de



<https://www.uni-mannheim.de/smip-summer-school/>

# TIMETABLE

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## Monday, 26 June

- 17:30 Registration (checkroom provided)  
Mittelbau, Mannheim Palace
- 18:00 Opening session & keynote talk  
Rittersaal, Mannheim Palace
- 19:30 Joint dinner  
1 free drink, cash payment only  
Gartensaal, Mannheim Palace

## Tuesday, 27 June

- 9:00–12:30 Parallel workshops
- 14:00–17:15 Parallel workshops
- 17:30–18:30 Social event: joint guided tour of  
Mannheim Palace (offered in  
German and English)

## Wednesday, 28 June

- 9:00–12:30 Parallel workshops
- 14:00–15:00 Keynote talk  
O 138, Mannheim Palace
- 15:15–17:45 Parallel workshops
- 18:00 Get-together “Women, increase  
your network!”  
With refreshments and snacks  
Rektoratshof, Mannheim Palace  
\* in case of bad weather: O 138, Mannheim Palace

## Thursday, 29 June

- 9:00–12:30 Parallel workshops
- 14:00–15:45 Parallel workshops
- 16:00–18:30 Poster session with refreshments  
and snacks  
Katakomben, Mannheim Palace

## Friday, 30 June

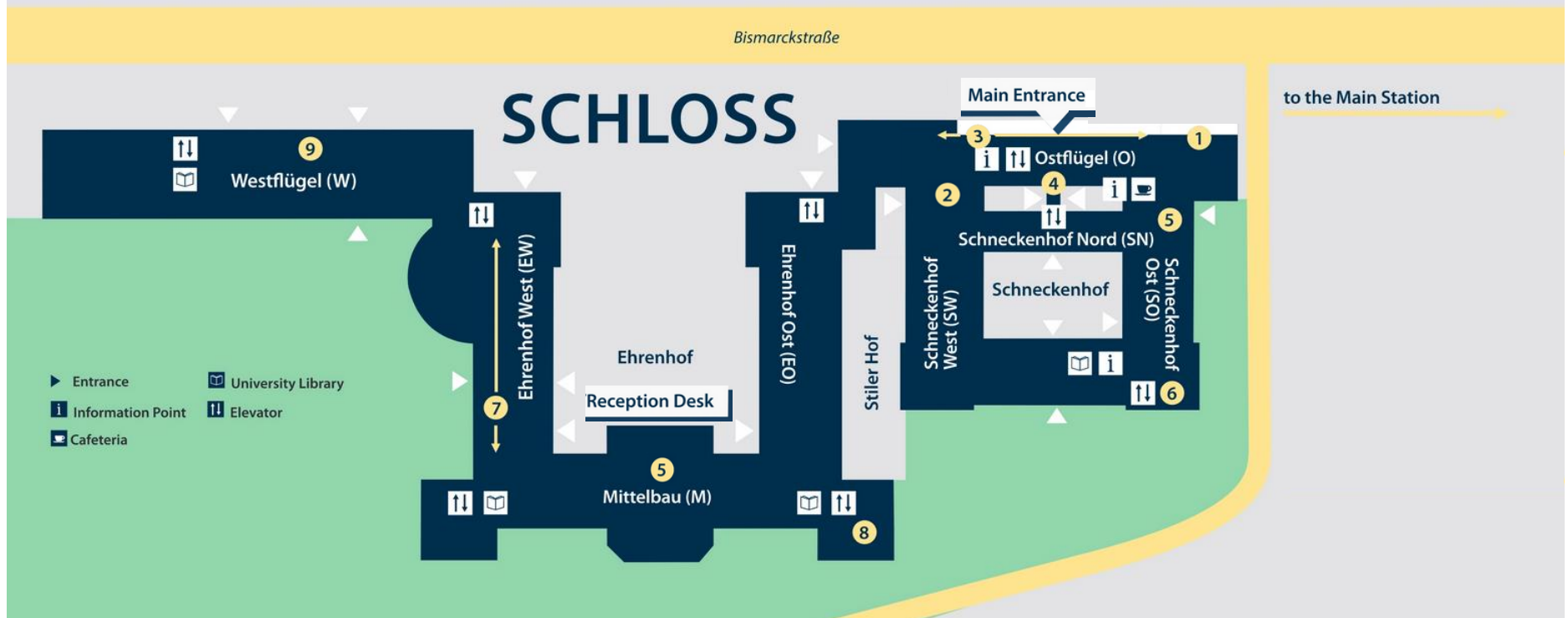
- 9:00–13:00 Parallel workshops
- 14:00–15:45 Keynote Talk, Poster Awards and  
Farewell Session  
O 138, Mannheim Palace

# UNIVERSITY PLAN



## LECTURE HALLS AND CLASSROOMS

- 1 O 048**  
Ostflügel, ground floor
- 2 Rektoratshof**
- 3 O 126 to O 151**  
Ostflügel, 1. floor
- 5 Rittersaal, Gartensaal**
- 6 SO 115 to SO 422**  
Schneckenhof Ost (Bahnhofsturm), 1.-4. floors
- 8 M 003**  
Mittelbau, ground floor



## KEYNOTE TALKS

26 June, 18:30



Heiko Paulheim

AI algorithms and how they interact with Society

Room: Rittersaal

28 June, 14:00



Eunike Wetzel

Disentangling the effects of age and time in research on personality development using multilevel models and local structural equation modeling

Room: O 138

30 June, 14:00



Julia Haaf

Hierarchical modeling as a fine-tooth comb: Investigating individual differences in various cognitive tasks

Room: O 138

## WORKSHOPS

An introduction to cognitive modelling

Chris Donkin (LMU Munich) & Nathan Evans (University of Queensland)

Room: SO 418

Multilevel measurement models

Lesa Hoffman (University of Iowa) & Jonathan Templin (University of Iowa)

Room: O 126

Dynamic longitudinal modelling

Manuel Voelkle (Humboldt University Berlin) & Charles Driver (University of Zurich)

Room: O 048

Modeling heterogeneity of response processes in item response theory

Mirka Henninger (University of Zurich), Esther Ulitzsch (IPN Kiel/ University of Mannheim) & Thorsten Meiser (University of Mannheim)

Room: SO 422

# POSTERSESSION A

"What if applicants fake their responses?": Modeling socially desirable responding in an item response theory framework	Timo Seitz
Bridging the gap between clinical and mainstream personality research: The dark factor of personality as a common core for all aversive traits	David Scholz
Correcting for Extreme Response Style: Model Choice Matters	Martijn Schoenmakers
Fluctuations in state grandiose and vulnerable narcissism and their relations to daily events and perfectionistic cognitions	Charlotta Jacobsen
Who told you what to do? How Source Memory Influences Advice Taking	Johanna Höhs
Cognitive Affective Maps Tools: Proposing Multiple Software Solutions to Collect and Analyze Belief Systems	Julius Fenn
Is the Decision to Work from Home Dependent on Demands and Resources Available: A Vignette Study	Anna Neumer
Time to Jump: Exploring the Distribution of Noise in Evidence Accumulation as a Function of Time Pressure	Julia Liss
How do modifications of validated scales impact replicability in existing data	Caroline Böhm
Understanding the Information Search Pattern under Discriminatory Conditions	Hooman Habibnia
Measuring Trust in Pedagogical Autonomous Agents using LME	Franzisca Hapsari
Spatial Presence in VR : Can human behavior predict Spatial Presence?	Andreas Winklbauer
Model Based Approach to Understand Human Decision and Confidence	Cem Tabakci

Dynamic interplay of physical activity and work-related variables	Malte Roswag
Certain what you see? - Modelling sensory evidence accumulation during speeded perceptual decision-making based on variable sensory evidence	Nele Bögemann
Development of State Items in the Context of Romantic Relationships	Melanie Koch
Evidence of Task-Triggered Retrieval of the Previous Response: A Binding Perspective on Response-Repetition Benefits in Task Switching	Elena Benini
The Assessment of Effect Size Measures for Differential Item Functioning in Computerized Adaptive Testing	Lara Weiß
Stress effects on conflict processing: the role of cardioafferent traffic.	Leon von Haugwitz
Investigating daily abusive supervision as antecedent of subordinates' detachment and relaxation: A diary study	Julia Iser-Potempa
A Bayesian efficient observer model to explain attractive and repulsive temporal context effects when perceiving multistable dot lattices	Eline van Geert
A Revalidating of The Relationship between Absolutist Dictionary and Extreme Response Styles Using Irtree	Tuo Liu
The shape of recovery – development of a computational model describing off-job recovery processes.	Richard Janzen

# POSTERSESSION B

Does post-encoding alcohol consumption really enhance memory consolidation? A preregistered encoding-maintenance-retrieval analysis	Julian Quevedo Pütter
A multidimensional IRT model of dominance and ideal point response processes	Viola Merhof
Non-selective effects of a manipulation of the non-decision time on diffusion model parameters	Katja Pollak
Does the Procedure Matter? Applying a Multiverse Analysis Approach to Ambulatory Assessment Data to Examine the Robustness of Findings on Negative Emotion Differentiation	Sabrina Ecker
Thurstonian Scaling with 99 Items: A Simulation Study	Jan Killisch
Multilevel Signal Detection Theory – A Maximum Likelihood Approach	Marie Jakob
Estimation, Validation, and Comparison of Non-Stationary Diffusion Decision Models	Lukas Schumacher
Deep Learning for Comparing Bayesian Hierarchical Models: Applications in Cognitive Modeling	Lasse Elsemüller
A mixture IRTree model for exploring heterogeneity in response strategies	Emre Alagöz
Unravelling Partner Models in Explanations.	Erick Ronoh
Understanding treatment effects on symptom interaction with time-varying longitudinal network models	Lea Schumacher
How differential guidance of attention shapes infants' visual cortical processing	Anna Banki
Slider Scales or Radio Buttons? Comparing the Psychometric Properties of Slider Scales with Traditional Radio Button Scales in Ambulatory Assessment	Dominik Vollbracht

Short- and Long-Delay Consolidation of Memory Accessibility and Precision across Middle Childhood and Young Adulthood	Iryna Schommartz
Antecedents and Consequences of Approach and Avoidance Goals in Intimate Relationships.	Miriam Pfister
Dynamic Associations of Sleep with Daily Functioning in Older Adults' Daily Lives	Anna Jori Lücke
How Sampling Strategies Shape Experience-Based Risky Choice	Linus Hof
Anticipatory processes as predictors for day-specific crafting patterns across life domains and cognitive recovery processes	Anja Isabel Morstatt
Working memory and attentional control in the context of task interruptions: Effects of Anticipation	Soner Ülkü
Predicting emotion regulation success based on fMRI assessments of executive functions	Stephanie Schmidt
Development of a Bayesian IRT based strategy for continuous norming	Hannah Heister
Development of dynamic attention in infancy: a longitudinal study	Alicja Brzozowska
The Application of the Answer-Until-Correct-Format in Computerized Adaptive Testing	Cosima Schenk