

SMiP Summer School 2023 in collaboration with IOPS

The SMiP Summer School 2023 will be held from 26th to 30th June, 2023, at the University of Mannheim, Germany. Key elements of the Summer School are (a) parallel courses on various topics of quantitative methods and statistical modeling, (b) plenary sessions and keynote talks, (c) a poster session and (d) social networking activities. The primary target group of the Summer School are doctoral researchers in the SMiP and IOPS programs. In addition, external guests are welcome as long as there are free places. Prerequisites for attendance in the Summer School are advanced knowledge of quantitative methods and multivariate statistics, and profound skills in data analysis with R.

Preliminary time schedule

- Monday, 26th June
 - 18.00-22.00: Opening session, keynote talk and joint dinner
- Tuesday, 27th June
 - 9.00-12.30: Parallel courses
 - 14:00-18.00: Parallel courses
- Wednesday, 28th June
 - 9.00-12.30: Parallel courses
 - 14.00-15.00: Keynote talk
 - 15.15-16.45: Parallel courses
 - 17.00: Excursion/social event
- Thursday, 29th June
 - 9.00-12.30: Parallel courses
 - 14.00-15.45: Parallel courses
 - 16.00-18.30: Poster session with refreshments and snacks
- Friday, 30th June
 - 9.00-12.30: Parallel courses
 - 14.00-15.45: Keynote talk and farewell session

Parallel courses

Each course of the Summer School will provide an introduction into the dedicated method, practical applications and hands-on exercises, as well as an in-depth overview of advanced topics. Attendees participate in *one* of the following courses throughout the Summer School. To allow for interactive classes and practical work, the number of attendees per course will be limited to 15 or 20 at the maximum.

Preliminary list of course titles and instructors:

- *Multilevel measurement models*
Lesla Hoffman & Jonathan Templin (both University of Iowa)
- *Metaanalysis and replication studies*
Rolf Ulrich (University of Tübingen) & NN
- *Bayesian analysis for advanced designs in psychological sciences*
Jeffrey Rouder (University of California, Irvine) & NN
- *Dynamic longitudinal modeling*
Manuel Voelkle (Humboldt University Berlin) & Charles Driver (University of Zurich)
- *Advanced multinomial processing tree modeling*
Beatrice Kuhlmann (University of Mannheim) & NN
- *Modeling heterogeneity in item response theory models*
Thorsten Meiser (University of Mannheim) & Mirka Henninger (University of Zurich)

Poster session

Attendees have the option to present a poster of their doctoral project during the poster session of the Summer School. The poster session gives attendees the opportunity to present their work and to discuss their ongoing project with peers and senior researchers. There will be refreshments and snacks to make the poster session a pleasant social experience. Last but not least, a poster presentation may facilitate getting reimbursement of the traveling and accommodation costs from the home university (see next point).

Terms and conditions

Doctoral researchers in the SMiP and IOPS programs can register with no regular fee for attendance in the Summer School. However, a financial contribution of 75 Euros is required per attendee to cover the costs of the catering for the plenary sessions and in the classes. Attendees have to cover their own costs for traveling and accommodation or claim reimbursement from their home universities where possible and appropriate.

Attendance of the Summer School can be used to meet the IOPS certificate criteria, up to a maximum of 2 ECTS (see also <https://www.iops.nl/smip/>).

Information needed for further planning

For our further planning and preparations of the SMiP Summer School 2023 in collaboration with IOPS, we need to calculate the approximate number of participants. We therefore ask you to let us know by 15th October, 2022,

- Whether you anticipate attending the Summer School 2023 and
- Which of the aforementioned parallel courses are of main interest to you.

For that purpose, please fill in your responses at

<https://forms.gle/8gLoHZ4fnXhbL3df9>

Please note: Your responses are not binding at this stage, just as the program of the Summer School is still subject to potential changes. But your input helps us to calibrate and optimize the courses and events according to your interests.

If you have any questions or suggestions, please contact anke.soellner@uni-mannheim.de or t.meiser@uni-mannheim.de.