

**International Biometric Society, German Region**  
Working Group „Bayes Methods“

**Invitation and Program:  
Workshop of the  
Working Group „Bayes Methods“**

**Design of Experiments under Uncertainty**

**08-09/12/2022  
Ingelheim am Rhein and online**

All times are CET (UTC+1)

**Thursday, 08.12.2022**

13:15–14:00 **Lunch**

14:00–14:05 **Welcome**

14:05–14:45 Ludger Sandig (TU Dortmund): Advanced Designs for Dose-Time-Response Models

14:45–15:30 Invited presentation:  
Claire Rothery (University of York): Introduction to Value of Information, with Examples, Part 1

15:30–15:45 **Coffee Break**

15:45–16:30 Claire Rothery: Introduction to Value of Information, with Examples, Part 2

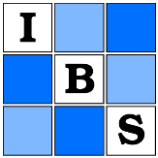
16:30–17:10 Christian Stock (Boehringer Ingelheim Pharma GmbH & Co. KG, Ingelheim am Rhein): Partial extrapolation in pediatric drug development using robust meta-analytic predictive priors, tipping point analysis and expert elicitation

17:10–17:50 Alexander Stemke (Universität Ulm, Boehringer Ingelheim Pharma GmbH & Co. KG, Biberach): A MAP prior approach for piecewise constant hazards and competing risks

17:50–18:00 **Coffee Break**

18:00–18:30 Meeting: WG Bayes methods

19:45 **Informal Get-together and Dinner**  
(Restaurant t.b.d.)



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## **Friday, 09.12.2022**

08:30–09:10 Riko Kelter (Universität Siegen): A novel group-sequential phase II design for clinical trials with binary endpoints based on Bayesian evidence values

09:10–09:50 Tobias Mütze (Novartis Pharma AG, Basel): Sample size re-estimation incorporating prior information on a nuisance parameter

09:50–10:10 **Coffee Break**

10:10–10:50 Rainer Schwabe (Otto-von-Guericke-Universität Magdeburg): Optimality Criteria in Design of Experiments: A Review

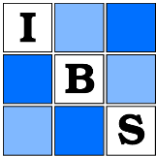
10:50–11:30 Julian Wäsche (Universität Bielefeld): Design of animal experiments investigating leukemia treatment outcome

11:30–12:10 Leonie Schürmeyer (TU Dortmund): Comparison of Different Designs for Simultaneous Analysis of Concentration-Response Gene Expression Data

12:10–12:15 **Farewell**

12:15–13:00 **Lunch**

The Working Group thanks Boehringer Ingelheim Pharma GmbH & Co. KG for providing the workshop venue and technical support.



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## Registration

Participation is free.

Registration of participants – if not done already – is requested no later than **November 30, 2022**. Please mention explicitly participation in the evening (at own cost), so that a sufficient number of places may be reserved. All participants get the link to the BigBlueButton meeting.

Address for Registration: Dr. Christian Röver  
E-Mail: [christian.roever@med.uni-goettingen.de](mailto:christian.roever@med.uni-goettingen.de)

## Organisational details

*Corona-Virus:* Participation in presence: The up-to-date German and Rhineland-Palatinate regulations are to be followed. As of end of October, this means only that FFP2 masks are compulsory on trains and buses. Other ordinances may follow, please check before leaving home.  
Please consider vaccination.  
At the conference site, please consider wearing an FFP2 mask. Self-tests will be available on-site.

### *Location of the workshop:*

Konferenzzentrum Ingelheim iCC GmbH  
Binger Straße 99  
55218 Ingelheim  
icc-media.de .

From the train station, follow the Bahnhofstraße to the second street corner and turn right.

Contact at the workshop site: Dr. Christian Stock  
E-Mail: [christian.stock@boehringer-ingelheim.com](mailto:christian.stock@boehringer-ingelheim.com)

### *Publication, recording:*

Speakers are asked to provide their slide sets for inclusion on the Working Group's webpage.  
Recording of the presentations, the upcoming questions/chats and/or the discussions is still under discussion.

The following *hotels* have been used by participants of similar meetings in the past:

- IBB Hotel Ingelheim, Binger Straße 76, 55218 Ingelheim, +49 6132 44130
- Smarhotel Ingelheim, Konrad-Adenauer-Str. 30, 55218 Ingelheim, +49 6132 799801
- Wasem Weinhotel, Stiegelgasse 70, 55218 Ingelheim, +49 6132 2220