

Announcement and Call for Papers:

Workshop of the

Working Group „Bayes Methods“ (International Biometric Society, German Region)
and SFB 876 „Providing Information by Resource-Constrained Data Analysis“

TU Dortmund University, 05-12-2014

Algorithms for Bayesian inference for complex problems

Workshop Objectives

The aim of the workshop is to provide a space for presentations and discussions of recent developments in advanced Bayesian computation and their applications to complex problems.

Presentations on the following topics are particularly welcome:

- Alternatives to MCMC (INLA, approximate Bayesian computation, ...)
- MCMC variants (Stan, reversible jump, adaptive, ...)
- MCMC software implementations (R packages, SAS PROC MCMC, JAGS, ...)
- Applications (meta-analysis, informative missingness, modelling molecular data, ...)

Invited Presentation

Dennis Prangle (University of Reading, UK): Approximate Bayesian Computation.

Further Information

Please visit the websites of the Working Group (<http://www.imbei.uni-mainz.de/bayes/>,
--> "Announcements") and the SFB 876 (<http://sfb876.tu-dortmund.de/index.html>).

Instructions for Authors

Please send **abstracts** (max. one A4 page, 12pt) of presentations to Manuela Zucknick by email (m.zucknick@dkfz-heidelberg.de).

The expected length for each presentation is 30 minutes plus discussion. The workshop language will be English.

Important Dates

08-11-2014	Submission deadline for abstracts
15-11-2014	Notification of acceptance of abstracts; publication of the programme shortly thereafter
30-11-2014	Deadline for registration

Registration

For registration for this workshop please send an email with your name and affiliation to m.zucknick@dkfz-heidelberg.de. There is no registration fee.

Organisers

Working Group „Bayes methods“:

Dr. Jochem König (IMBEI Mainz)
Dr. Gerhard Nehmiz (Boehringer Ingelheim, Biberach)
Dr. Manuela Zucknick (DKFZ Heidelberg)

SFB 876:

Prof. Dr. Katja Ickstadt (TU Dortmund)
Dipl.-Stat. Leo Geppert (TU Dortmund)