Bayes Forum

MPI für extraterrestrische Physik and für Astrophysik

Organized by:

Fabrizia Guglielmetti, Andy Strong,
Torsten Enßlin, Paul Nandra

Garching, 12.12.2011 - 1st meeting
Review of Bayesian methods in cosmology: Trotta (2008), Arxiv:0803.4089

And his contribution to the Statistical Challenges in Modern Astronomy V (2011)
Bayes Forum

- Why a discussion group?
  - Connecting people working on methods and applications
  - Possibility to exchange ideas and stimulate open discussions on data analysis
  - Talks on Bayesian probability theory and information theory
  - Both principles and applications
Bayes Forum: a discussion group under construction

- 80 subscribers at Bayes Forum mailing list!
- Meetings on a monthly basis
- Preferred weekdays: Fridays (14:00), Wednesdays (15:00)
- Location: MPE or MPA
- Your input is important

Garching, 12.12.2011 - 1st meeting
Thirtysecond International Workshop on Bayesian Inference and Maximum Entropy Methods in Science and Engineering

MaxEnt 2012

Scope
Traditional topics of the workshop are the application of the maximum entropy principle and Bayesian methods for statistical inference to diverse areas of scientific research. Practical numerical algorithms and principles for solving illposed inverse problems, image reconstruction, machine learning and model building are emphasised. The workshop also addresses common foundations for statistical physics, statistical inference, and information theory.

Local Organizing Committee
U. von Toussaint
A. Denkage
R. Fischer
S. Gorli
R. Preuss
A. Eggeling

Homepage
Further information can be found on our website
http://www.ipp.mpg.de/maxent2012

Advisory Committee
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Garching bei München 15.7.-20.7.2012