

Bayes Forum

MPI für extraterrestrische Physik and für Astrophysik

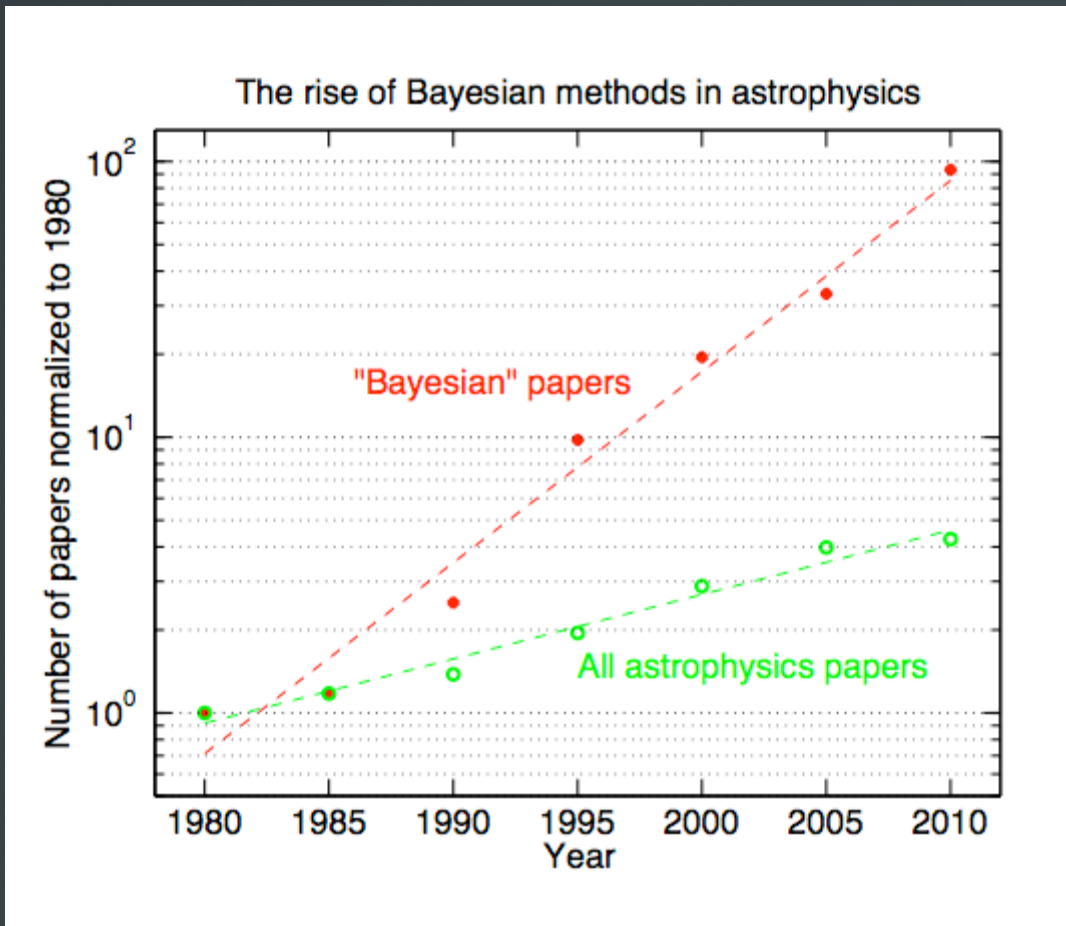


Organized by:

Fabrizia Guglielmetti, Andy Strong,

Torsten Enßlin, Paul Nandra

Bayes Forum



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



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. Dinklage
R. Fischer
S. Gori
R. Preuss
A. Eggeling

Homepage

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

Advisory Committee

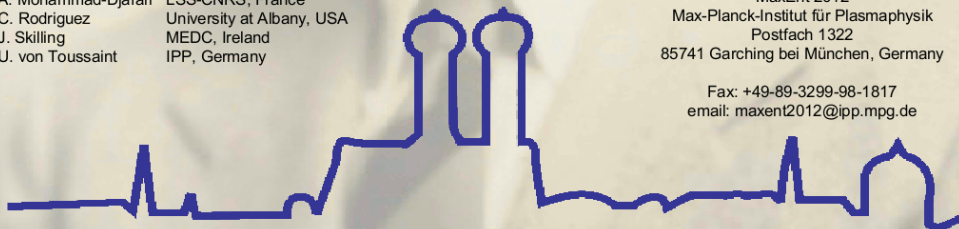
L. Bretthorst	Washington University, USA
A. Caticha	University at Albany, USA
J. Center	Autonomous Exploration, USA
V. Dose	IPP, Germany
R. Fischer	IPP, Germany
P.M. Goggans	University of Mississippi, USA
K.H. Knuth	University at Albany, USA
T. Lored	Cornell University, USA
A. Mohammad-Djafari	LSS-CNRS, France
C. Rodriguez	University at Albany, USA
J. Skilling	MEDC, Ireland
U. von Toussaint	IPP, Germany

The workshop is sponsored by:
E.T. Jaynes Center
Max-Planck-Institut für Plasmaphysik

Conference Secretariat

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Garching bei München

15.7.-20.7.2012