

# SUBJECTIVE BAYES

WARWICK 14-16 DECEMBER, 2009

Organisers: Jim Smith, Tony O'Hagan and John Aston

## Programme

### Monday 14 December

- 12.00 - 14.00 *Registration and Buffet Lunch - Concourse of the Maths Building*
- 14.00 - 14.10 Welcome and Arrangements
- 14.10 - 15.10 Roger Cooke  
Expert judgment, then and now and then again
- 15.10 - 15.40 Jesus Rios  
Adversarial Risk Analysis for Counterterrorism Modelling
- 15.45 - 16.15 *Refreshments - Concourse of the Maths Building*
- 16.15 - 17.15 Glenn Shafer  
Game-theoretic probability and its applications
- 17.30 - 19.00 *Poster session (wine and nibbles) - Concourse of the Maths Building*
- Roman Belavkin  
Adam Binch  
Pawel Chwalinski  
Alireza Daneshkhah  
Radboud Duintjer Tebbens  
Guy Freeman  
Silvia Liverani  
Artemis Parvizi  
Richard Wilkinson  
Stan Yip
- 19.00 - 20.30 *Dinner - Rootes Hall*

### Tuesday 15 December

- 9.00 - 10.00 Robert Winkler  
Probability Forecasting, Probability Evaluation, and Scoring Rules: Expanding the Toolbox
- 10.00 - 10.30 Paul Garthwaite  
Prior distribution elicitation for generalized linear and piecewise linear models

- 10.30 - 11.00 *Refreshments - Concourse of the Maths Building*
- 11.00 – 12:00 Teddy Seidenfeld  
Forecasting with Imprecise Probabilities [IP]: some preliminary findings
- 12.00 - 12.30 Fernando Vieira Bonassi  
Bayesian Statistics, De Finetti and The Gambler's Fallacy
- 12.30 - 14.00 *Buffet lunch - Concourse of the Maths Building*
- 14.00 – 15.00 Jonathan Rougier  
Assessing and quantifying uncertainty in natural hazards
- 15.00 - 15.30 Leanna House  
An Application of Reification to a Rainfall-Runoff Computer Model
- 15.30 - 16.00 *Refreshments - Concourse of the Maths Building*
- 16.00 - 16.30 Michail Papathomas  
Correlated Binary Variables and Multi-level Expert Probability Assessments
- 16.30 - 17.30 Jim Berger  
Bayesian Adjustment for Multiplicity
- 19.00 *Workshop Dinner - Main Campus*

### **Wednesday 16 December**

- 9.30 - 10.30 Nick Chater  
Is the brain a Bayesian?
- 10.30 – 11.00 Simon French  
Combining Expert Judgement: A review for decision makers
- 11.00 - 11.30 *Refreshments - Concourse of the Maths Building*
- 11.30 - 12.30 Lawrence Phillips  
Approving New Drugs: How can Bayesian Decision Theory help?
- 12.30 - 13.00 Conclusions and Discussions
- 13.00 - 14.00 *Buffet lunch - Concourse of the Maths Building*