

OBayes Conference

Tentative Program

Sunday, June 8

12:00 - 14:00: Registration

14:00 – 16:00 Chair: **Dimitris Fouskakis**.

- **14:00 - 15:00:** 1st Tutorial: **Mark Steel** (University of Warwick). *Dealing with model uncertainty through Bayesian Model Averaging*.
- **15:00 - 16:00:** 2nd Tutorial **Rianne de Heide** (University of Twente). *Introduction to e-values*.

16:00 - 16:30: Coffee Break

16:30- 18:30 Chair **Marilena Barbieri**

- **16:30 - 17:30:** 3rd Tutorial: **Guido Consonni** (Università Cattolica del Sacro Cuore, Milano). *Causal inference from observational data based on graphical models*
- **17:30 - 18:30:** 4th Tutorial: **Jim Griffin** (University College, London). *Bayesian nonparametric modelling of dependent distributions*.

Monday, June 9

08:00 - 09:00: Registration

09:00 - 09:15: Opening Address

9:15- 11:05 Session 1: Chair: Dimitris Fouskakis

- **09:15 - 10:10:** **James Berger** (Duke University). *Counterexamples that help define the objective Bayesian philosophy*

Discussant: **Luis R. Pericchi** (University of Puerto Rico)

- **10:10 - 11:05:** **Peter Hoff** (Duke University). *FAB Prediction*.

Discussant: **Gunnar Taraldsen** (Norwegian University of Science and Technology)

11:05 - 11:35: Coffee Break

11:35- 12:30 Session 1 (Part B): Chair: Dimitris Fousakis

- **11:35 - 12:30: Steven Mac Eachern** (Ohio State University). *Bayesian restricted likelihood and model diagnostics*

Discussant: **Radu Craiu** (University of Toronto)

12:30 - 14:05: Lunch Break

14:05 – 15:55 Session 2: Chair Merlise Clyde

- **14:05 - 15:00: Isadora Antoniano Villalobos** (Università Ca' Foscari, Venezia) *Scoring rule-based priors for regression models.*

Discussant: **Marco Ferreira** (Virginia Tech)

- **15:00 - 15:55: Clara Grazian** (University of Sydney). *Distance-Based Mixture Models for Prior Specification in Spatial Bayesian Analysis*

Discussant: **Janet Van Niekerk** (KAUST)

15:55 - 16:25: Coffee Break

16:25- 17:20 Session 2: Chair: Merlise Clyde

- **Feng Liang** (University of Illinois). *Bayesian Smoothing and Feature Selection via Variational Automatic Relevance Determination.*

Discussant: **Xenia Miscouridou** (University of Cyprus)

17:45 - 19:45: Reception & Poster Session Chair: Anabel Forte

Tuesday, June 10

9:15- 11:05 Session 3: Chair: Cristiano Villa

- **09:15 - 10:10: David Rossell** (Universitat Pompeu Fabra, Barcelona) *Pushing the limits of variable selection with external data*

Discussant: **Maria Kalli** (University College, London)

- **10:10 - 11:05: Ed George** (University of Pennsylvania). *Proper Bayes Minimax Multiple Shrinkage Estimation*

Discussant: **Christopher Hans** (Ohio State University)

11:05 - 11:35: Coffee Break

11:35- 12:30 Session 3: Chair: Cristiano Villa

- **11:35 - 12:30: Chris Holmes** (Oxford University). *Model Uncertainty via Predictive Resampling*

Discussant: **Nikos Demiris** (Athens University of Economics and Business)

12:30 - 14:05: Lunch Break

14:05- 15:55 Session 4: Chair: Anabel Forte

- **14:05 - 15:00: Federico Camerlenghi** (Università di Milano-Bicocca) *Bayesian calculus and predictive characterizations of extended feature allocation models*

Discussant: **Michele Guindani** (University of California)

- **15:00 - 15:55: Fabrizio Leisen** (King's College, London). *Loss-based priors for BART models.*

Discussant: **Luciana Dalla Valle** (Università di Torino)

15:55 - 16:25: Coffee Break

16:25- 18:15 Session 5: Chair: Ed George

- **16:25 - 17:20: Alexander Ly** (Centrum Wiskunde & Informatica, Amsterdam). *Safe anytime-valid e-value Bayes factors for one-factorial ANCOVA. Labeling invariance and growth-rate optimality*

Discussant: **Fulvio De Santis** (Sapienza Università di Roma)

- **17:20 - 18:15: Victor De Oliveira** (University of Texas). *On Bayesian inference about the smoothness parameter in Gaussian Matern random fields*

Discussant: **Mario Peruggia** (Ohio State University)

Wednesday, June 11

9:15- 11:05 Session 6: Chair: Guido Consonni

- **09:15 - 10:10: Rui Paulo** (Universidade de Lisboa) *On variable selection with non-linear effects*

Discussant: **Veronika Rockova** (University of Chicago)

- **10:10 - 11:05: Ryan Martin** (North Carolina State University). *O'Bayes reIMagined: probabilistic approximations of possibilistic inferential models*

Discussant: **Angelos Alexopoulos** (Athens University of Economics and Business)

11:05 - 11:35: Coffee Break

11:35- 12:30 Session 6: Chair: Guido Consonni

- **11:35 - 12:30: Judith Rousseau** (Université Paris Dauphine) *Bayesian estimation in high-dimensional Hawkes processes*

Discussant: **Stefan Franssen** (Université Paris Dauphine)

12:30 - 14:05: Lunch Break

14:05- 15:55 Session 7: Chair: Mark Steel

- **14:05- 15:00: Ioanna Manolopoulou** (University College, London). *Combining confounded and unconfounded in heterogeneous treatment effect modelling.*

Discussant: **Stavros Nikolakopoulos** (University of Ioannina)

- **15:00 - 15:55: Jaeyong Lee** (Seoul National University) *Posterior asymptotics of high-dimensional spiked covariance model.*

Discussant: **Luis Carvalho** (Boston University)

15:55 - 16:25: Coffee Break

16:30 - 17:30: Meeting of OBayes Section

20:00 - 24:00: Dinner

Thursday, June 12

9:00- 10:50 Session 8: Chair: Brunero Liseo

- **09:00 - 09:55: Ramses Mena** (UNAM, Mexico). *Fast inference for Bayesian nonparametrics via moments of functional means.*

Discussant: **Natalia Bochkina** (University of Edinburgh)

- **09:55 - 10:50: Gonzalo Garcia Donato** (University of Castilla-La Mancha); *Selection of latent variables based on grouped Bayes factors*

Discussant: **Marilena Barbieri** (Università di Roma Tre)

10:50 - 11:20: Coffee Break

11:20- 13:10 Session 9: Chair: Ioannis Ntzoufras

- **11:20- 12:15 Jeffrey Miller** (Harvard University) *Bayesian model criticism using uniform parametrization checks*

Discussant: **Yichen Zhu** (Università Bocconi, Milano)

- **12:15 - 13:10 Gemma Moran** (Rutgers University) *Bayesian Model Criticism: From Holdout Checks to Model Comparison*

Discussant: **Leonardo Egidi** (Università di Trieste)

13:10 - 13:25: Closing Address