

ScoVa16

ScoVa16, the first Scotland and Valencia workshop on Bayesian Statistics, is a two-day workshop which brings together Biomathematics and Statistics Scotland (*BioSS*) and Valencia Bayesian Research Group (*VaBaR*). Its purpose is to share research ideas and explore collaboration opportunities in the area of Bayesian Statistics, with special attention to new methodologies and applications to Agriculture, the Environment, Food and Health.

ScoVa16 will be held at the Faculty of Mathematics of the Universitat de València, Burjassot, València, on January 28th and 29th, 2016.

Invited speakers are:

- Mark Bewer (*BioSS*)
- Adam Butler (*BioSS*)
- Kokouvi Gamado (*BioSS*)
- Giles Innocent (*BioSS*)
- Glenn Marion (*BioSS*)
- Carmen Armero (*VaBaR*)
- María-Eugenia Castellanos (*VaBaR*)
- David Conesa (*VaBaR*)
- Gonzalo García Donato (*VaBaR*)
- Virgilio Gómez-Rubio (*VaBaR*)

BioSS



<http://www.bioss.ac.uk/aboutBioSS.html>

VaBaR



<http://vabar.github.io/>

Universitat de València



UNIVERSITAT
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Biostatnet



<http://eio.usc.es/pub/biostatnet/>

First Scotland and València Workshop on Bayesian Statistics

ScoVa16

Universitat de València
January 28th-29th,
2016

SCOVAT 6

Scientific committee

Mark Brewer (*BioSS*)

Glen Marlon (*BioSS*)

Carmen Armero (*Vabar*)

Marta-Eugenia Castellanos (*Vabar*)

Organizing committee

Mark Brewer (*BioSS*)

Daniilo Alvares (*Vabar*)

Carmen Armero (*Vabar*)

David Conesa (*Vabar*)

Anabel Forte (*Vabar*)

Elena Lázaro (*Vabar*)

Francisco Santonja (*Vabar*)

Bianca Sarzo (*Vabar*)

Venue:

Faculty of Mathematics of the Universitat de València.

Talks in the 'Saló de Graus' and posters in Aula 1.6

Thursday, January 28

9:45 - 10:00 am **Welcome**

10:00 - 10:30 am

Mark Brewer

Climate envelopes for species distribution models

10:30 - 11:05 am **Coffee Break**

11:05 - 11:35 am

Carmen Armero

Bayesian joint models for longitudinal and survival data

11:45 - 12:15 am

Marta-Eugenia Castellanos

An introduction to Approximate Bayesian Computation methods

12:25 - 12:55 am

Kokouvi Gamado

Inference problems in livestock disease

13:05 - 15:30 pm **Lunch**

Lunch

15:30 - 16:45 pm **Poster Session**

Poster Session

16:45 - 17:15 pm **Coffee Break**

Coffee Break

17:15 - 19:00 pm **Management brainstorm**

Management brainstorm

Friday, January 29

10:00 - 10:30 am

Glenn Marlon

Climate envelopes for species distribution models

10:30 - 11:05 am **Coffee Break**

11:05 - 11:35 am

Gonzalo Garcia-Donato

Bayesian methods for Model Selection and related problems

11:45 - 12:15 am

Adam Butler

Bayesian applications in applied ecology

12:25 - 12:55 am

David Conesa

Species distribution modelling

13:05 - 15:00 pm **Lunch**

Lunch

15:00 - 15:30 pm

Giles Innocent

Analysis of risk factors using life history - a partial membership approach to estimating the risk of liver fluke infestation

16:40 - 16:10 pm

Virgilio Gómez-Rubio

Extending the Integrated Laplace Approximation

16:20 - 16:50 pm **Coffe Break**

Coffe Break

16:50 - 19:00 pm **Scientific brainstorm**

Scientific brainstorm