

The Boyd Orr Centre for Population and Ecosystem Health

Hidden Markov Model Symposium

University of Glasgow

Thursday 13th February 2014

Graham Kerr Building Lecture Theatre 2

Programme of events

- 09:30 - 10:00 Welcome and introduction
- 10:00 - 11:00 **Session One:**
Roland Langrock (University of St Andrews)
“Hidden Markov models - with a focus on applications in ecology” - Part 1
- 11:00 - 11:30 Coffee break in the Museum
- 11:30 - 13:00 **Session Two:**
Roland Langrock (University of St Andrews)
“Hidden Markov models - with a focus on applications in ecology” - Part 2
- 13:00 - 14:00 Lunch in the Museum
- 14:00 - 15:00 **Session Three:**
Jorge Vazquez Diosdado (University of Essex)
“Predictive modelling of dairy cow welfare”
Adam Butler (BioSS)
“Using HMMs to study foraging behaviour in seabirds”
- 15:30 - 16:00 Coffee
- 16:00 - 17:00 **Session Four:**
Dirk Husmeier (University of Glasgow)
“Detecting interspecific recombination in bacteria and viruses with phylogenetic factorial HMMs”
Rob Schick (University of St Andrews)
“Estimating resource acquisition and at-sea body condition of a marine predator”
- 17:00 - 17:30 Closing discussion followed by drinks



Part of the John Boyd Orr Symposium Series

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For more information, or to register please e-mail: james.grecian@glasgow.ac.uk