



LONDON  
MATHEMATICAL  
SOCIETY



Probability in the North-East



UNIVERSITY OF LEEDS

**PROBABILITY IN THE NORTH-EAST  
FRIDAY 16 FEBRUARY 2018**

TOPIC

*Stochastic Processes and Their Applications*

VENUE

School of Mathematics, University of Leeds. Room: MALL 2 (Level 8)

PROGRAMME

From 12.30 Light lunch available

13.15–14.00 Thomas House (University of Manchester, UK)

*Real-time branching, Gaussian and distribution-valued processes in Epidemiology*

14.00–14.45 Istvan Kiss (University of Sussex, UK)

*Epidemic threshold in pairwise models for clustered networks: when does clustering matter?*

14.45–15.15 Bemsibom Toh (Heriot-Watt University, UK)

*A new parameterization of the many-sources scaling regime for single server queues*

15.15–15.45 Coffee Break

15.45–16.30 Maria Nowicka (University of Leeds, UK)

*Performance measures for stochastic models of receptor-ligand interactions*

16.30–17.15 Elizabeth Buckingham-Jeffery (University of Manchester, UK)

*Gaussian process approximations for fast inference from infectious disease data*

CONTACT

Attendance is free but **registration is required** for organisational purposes, by e-mailing Martín López-García ([m.lopezgarcia@leeds.ac.uk](mailto:m.lopezgarcia@leeds.ac.uk)) **before Wednesday 7<sup>th</sup> February**, also mentioning any special dietary requirements you may have. More information, including talk abstracts, can be found at <http://www.maths.dur.ac.uk/PiNE/>