



SAMBa Summer Conference
University of Bath
20th - 21st June 2017

Wednesday 21st June

09:00 Arrival

COFFEE

09:30 - 11:00 SESSION 3 - NETWORKS & APPLIED PROBABILITY

Sponsored by BT

Wolfson Lecture Theatre, 4 West 1.7. Chair: Owen Pembery

Anna Senkevich (SAMBa) - *Condensation in Reinforced Branching Processes with Fitness*

Sam Moore (SAMBa) - *Two Species Contact Processes*

Anja Sturm (Institute for Mathematical Stochastics, Georg-August-University of Göttingen)
- *Long Time Behaviour of Cooperatively Branching and Coalescing Particle Systems*

COFFEE

11:30 - 13:00 SESSION 4 - SHORT STUDENT TALKS

Wolfson Lecture Theatre, 4 West 1.7. Chair: Cameron Smith

Talks will be followed by coffee and discussion.

Speakers and talk titles are listed on the reverse of this programme.

LUNCH

14:00 - 15:30 SESSION 5 - APPLIED MATHEMATICAL MODELLING

Sponsored by GKN

Wolfson Lecture Theatre, 4 West 1.7. Chair: Adwaye Rambojun

Kate Powers (SAMBa) - *Modelling Centrifugal Compressors*

Beth Boulton (SAMBa) - *Metapopulations and Macroparasites: An Introduction to the Icky and Random World of Parasite Epidemiology*

CLOSE

Abstracts

See the conference webpage for abstracts: people.bath.ac.uk/br275/SAMBa/summer-conference-2017/

Short Student Talks

Students will have 3 minutes and 1 slide to introduce their current or proposed research area. Slides will be displayed in the 4 West Level 1 Atrium after the talks to aid discussions.

1. **Aoibheann Brady** - *Attribution of Large Scale Drivers for Environmental Change*
2. **Elizabeth Gray** - *Spatial Statistics and Preferential Sampling*
3. **Matthew Griffith** - *An Increased Model Height in the Met Office's Unified Model*
4. **Nadeen Khaleel** - *Log-Gaussian Cox Processes*
5. **Daniel Ng** - *Understanding Measure-valued Martingales*
6. **Tom Pennington** - *Large Scale Differential Geometric MCMC*
7. **Lizzi Pitt** - *First in Human Trials*
8. **Tsogii Saizmaa** - *Spatial Branching Processes*

Sponsors

We would like to thank our industrial sponsors who helped to make this event possible.



This conference is also supported by the EPSRC Centre for Doctoral Training in Statistical Applied Mathematics at Bath (SAMBa), under the project EP/L015684/1.

Thank you very much for attending the conference today.

For any feedback or future communication, feel free to contact the organisers Benjamin Robinson (B.A.Robinson@bath.ac.uk) and Adwaye Rambojun (A.M.Rambojun@bath.ac.uk).

We hope that you have enjoyed the first SAMBa Summer Conference!