# *Timetable for Monday 28th June*

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|---|---|
| **8:30–9:20** | *Registration* |
| **9:20–9:30** | *Introduction* |

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| **09:30–10:30** | ## Stanley Wasserman |

**Statistical models for networks: The past, present, and future**

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| **10:30–11:00** | *Coffee Break* |

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| **11:00–12:30** | ## Statistics of networks |

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| *11:00–11:30* | FORD, Ashley | *Warwick University* |

**Statistically Equivalent Graphs and Product Space Representations**

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| *11:30–12:00* | FYSON, Nick | *University of Bristol* |

**Network Reconstruction by Set Covering**

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| *12:00–12:30* | POLANSKI, Arnold | *Queen's University Belfast* |

**Recovering Connection Structures from Individual Attributes**

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| **12:30–13:30** | *Lunch* |

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| **13:30–15:00** | ## Epidemics |

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| *13:30–14:00* | WANG, Xueying | *SAMSI* |

**Pairwise Closure Approximations in epidemic models on networks**

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| *14:00–14:30* | KYPRAIOS, Theodore | *University of Nottingham* |

**Bayesian Inference for Stochastic Epidemic Models on Networks**

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| *14:30–15:00* | ROBINSON, Katy | *University of Bristol* |

**The dynamics of sexual contact networks: effects on disease spread and control**

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| **15:00–15:30** | *Coffee Break* |

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| **15:30–16:30** | ## Michael Stumpf |

**To be announced**

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| **16:30–17:30** | ## Eric Kolaczyk |

**Drug Target Prediction: Finding Biological Needles in a Haystack of Networks**

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| **18:00–20:00** | *Poster Session* |

# *Timetable for Tuesday 29th June*

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| **09:00–10:00** | **Sanjeev Goyal** |
| | **Strategic Network Formation** |
| **10:00–10:30** | *Coffee Break* |
| **10:30–12:00** | **Theory of Networks** |
| *10:30–11:00* | JONES, Nick *Oxford Physics* |
| | **A Taxonomy of Networks: Using a Mesoscopic Response Function to investigate structure in empirical networks** |
| *11:00–11:30* | LAMBIOTTE, Renaud *Imperial College London* |
| | **Dynamics, Modularity and Robustness of Complex Networks** |
| *11:30–12:00* | AMBLARD, Pierre-olivier *CNRS/GIPSAlab* |
| | **Directed information theory to infer causality graphs** |
| **12:00–13:00** | *Lunch* |
| **13:00–14:00** | **Stephane Robin** |
| | **Uncovering structure in biological interaction networks** |
| **14:00–15:00** | *Viewing the Goldney Grotto* |
| **15:00–15:30** | *Coffee Break* |
| **15:30–17:00** | **Social networks** |
| *15:30–16:00* | McCORMICK, Tyler *Department of Statistics, Columbia University* |
| | **Latent Structure Models for Social Networks using Aggregated Relational Data** |
| *16:00–16:30* | ZAMAN, Tauhid R *Massachusetts Institute of Technology* |
| | **Finding Rumor Sources in Networks** |
| *16:30–17:00* | HEARD, Nick *Imperial College London* |
| | **Bayesian Anomaly Detection Methods for Social Networks** |

# *Timetable for Wednesday 30th June*

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| **09:00–10:00** | **Geoffrey West** | |

**Universal Scaling Laws, Network Structures, Sustainability and the Pace of Life from Cells and Ecosystems to Cities and Corporations**

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| **10:00–10:30** | *Coffee Break* | |
| **10:30–12:00** | **Biological and genetic networks** | |
| *10:30–11:00* | PENFOLD, Christopher | *University of Warwick* |

**Systems Biology Networks**

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| *11:00–11:30* | IQBAL, Mudassar | *University of Warwick* |

**An Integrative Bayesian Analysis of Transcription Regulation in S. coelicolor**

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| *11:30–12:00* | JUAREZ, Miguel | *University of Warwick* |

**Inferring the topology of a non-linear gene regulatory network using fully Bayesian spline regression**

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| **12:00–13:00** | *Lunch* | |
| **13:00–14:30** | **Statistics of networks** | |
| *13:00–13:30* | BOWSHER, Clive | *University of Cambridge* |

**Biomolecular Networks: Dynamic Independence, Modularisation and Information Processing**

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| *13:30–14:00* | SMITH, Andrew | *University of Bristol* |

**Nonparametric regression on a graph**

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| *14:00–14:30* | PERRY, Patrick O. | *Harvard University* |

**A graph log-linear model for characterizing repeated interactions**

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| **14:30–15:00** | *Coffee Break* | |
| **15:00–16:00** | **Sean Meyn** | |

**The Value of Volatile Resources in Electricity Markets**

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| **16:00–17:30** | **Traffic and transport** | |
| *16:00–16:30* | BEJAN, Andrei | *University of Cambridge* |

**Statistical Modelling and Analysis of Sparse Bus Probe Data in Urban Areas**

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| *16:30–17:00* | GIBBENS, Richard | *University of Cambridge* |

**An investigation of proportionally fair ramp metering**

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| *17:00–17:30* | GASTNER, Michael | *Imperial College London* |

**The complex network of global cargo ship movements**

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| **19:00–23:00** | *Conference Dinner* | |

# *Timetable for Thursday 1st July*

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| **9:30–10:30** | **Animal social networks** |
| *9:30–10:00* | SENDOVA-FRANKS, Ana B.  *University of the West of England, Bristol* |
| | **Emergency networking in ant colonies** |
| *10:00–10:30* | JAMES, Dick                                     *University of Bath* |
| | **Animal Social Networks** |
| **10:30–11:00** | *Coffee Break* |
| **11:00–12:00** | **David Barber** |
| | **Finding graph clusters using clique matrices** |
| **12:00–13:00** | **Brendan Murphy** |
| | **A mixture of experts latent position cluster model for social network data** |
| **13:00–14:00** | *Lunch* |
| **14:00** | *Conference ends* |