

Modelling Behaviour to Inform Policy for Pandemics

Tuesday 2nd, Thursday 4th, Friday 5th November 2021
Isaac Newton Institute

Thursday 4th November

Session 2: Integrating Behaviours into Models

| Time | Topic | Presenter |
|-------------|--|---|
| 10:00-11:00 | Coffee Morning Room | |
| 13:30 | Zoom room opens | |
| 13:30-13:35 | Welcome & Introduction | Jane Leeks (<i>Newton Gateway to Mathematics</i>) Flavio Toxvaerd (<i>University of Cambridge</i>) Ed Hill (<i>University of Warwick</i>) |
| 13:35-14:05 | Modelling infectious disease transmission potential as a function of human behaviour | Caroline Walters (<i>HealthLumen</i>) |
| 14:05-14:35 | Movement Data for Analysing Behaviour during the Pandemic | Ed Manley (<i>University of Leeds</i>) |
| 14:35-14:55 | Coffee Break | |
| 14:55-15:25 | Misinformation and Epidemics | Kit Yates (<i>University of Bath</i>) |
| 15:25-15:55 | Integrated Disease Models that Account for Behavioural Factors / Progress since the 9 Challenges paper | Sebastian Funk (<i>LSHTM</i>) |
| 15:55-16:30 | Q&A/Discussion | Chairs: Ed Hill (<i>University of Warwick</i>) & Flavio Toxvaerd (<i>University of Cambridge</i>) |
| 16:30 | Session 2 Ends | |