

Mathematics for Real World Systems Centre for Doctoral Training

Research Study Group workshop 2019

Date: Tuesday 5th February 2019

Room: D1.07 Zeeman Building

Break-out sessions will be around the Complexity Common Room

Schedule:

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|----------------------|---|
| 12:00 – 12:20 | Problem A in collaboration with Researchfish
<i>Exploratory analysis of research data and outputs</i>
Vera Hazelwood (Researchfish) & Colm Connaughton (Maths) |
| 12:20 – 12:40 | Problem B in collaboration with NASA JPL, JHU APL & Rutherford Appleton Lab
<i>Data analytics approach to extreme events in space weather</i>
Malcolm Dunlop (RAL) & Sandra Chapman (Physics) |
| 12:40 – 13:20 | Lunch in Complexity common room |
| 13:20 – 13:40 | Problem C in collaboration with the Institute of Tropical Medicine
<i>Modelling the best use of sleeping sickness diagnostics under existing and emerging tools.</i>
Philippe Büscher (ITM) & Kat Rock (Maths) |
| 13:40 – 14:00 | Problem D in collaboration with West Midlands Regional Genetics Laboratory
Single cell transcriptomic analyses
Sam Clokie (WMRGL) & Sascha Ott (Computer Science) |
| 14:00 – 15:00 | Break-out sessions |
| 15:00 – 15:30 | Coffee in the complexity common room |