

Complex Systems Dynamics (CoSyDy) Meeting, Leeds 25th July 2017

“Network Dynamics and Structure”

Organisers: *Dr. Jonathan Ward and Dr. Mauro Mobilia (Applied Maths, Leeds)*

Directions: http://www.leeds.ac.uk/info/5000/about/131/find_us and http://www.maths.leeds.ac.uk/fileadmin/user_upload/directions_2011-12.pdf

Tentative programme

All talks will be in the Mall, level 8 of the School of Maths on Tuesday 25th July

- 12:00: Buffet lunch (School of Mathematics' foyer, level 9)
- 13:00-13:40: **Prof. Mark Broom** (City, University of London), “Modelling evolution in structured populations using multiplayer games”
- 13:40-14:20: **Dr. Tim Rogers** (Bath), “Faster and stronger stochastic oscillations induced by network interference”
- 14:20-15:00: Coffee, tea & cookies (School of Mathematics' foyer, level 9)
- 15:00-15:40: **Dr. Cécile Mailler** (Bath), “Largest degree node in the Bianconi-Barabasi network”
- 15:40-16:00: **Tomokatsu Onaga** (Limerick), “Concurrency-induced transitions in epidemic dynamics on temporal networks”
- 16:00-16:20: **Sadamori Koujaku** (Bristol), “Identifying core-periphery structure of networks across different scales using random walks”
- 16:20-16:40: **Dr. Mirco Musolesi** (UCL), “Spatio-temporal Networks: Reachability, Centrality, and Robustness”
- 16:40-17:00: **Prof. Richard Wilson** (York), “Loop-centrality in complex networks”
- 17:00: Wine and nibbles (School of Mathematics' foyer, level 9)
- 17:45: Close

For catering purposes and due to space limitation, could you please let Jonathan Ward (J.A.Ward@leeds.ac.uk) or Mauro Mobilia (M.Mobilia@leeds.ac.uk) know by the **17th July 2017** if you are planning to attend the meeting.

We are grateful to the **London Mathematical Society** for their kind financial support.



LONDON
MATHEMATICAL
SOCIETY