

Winter School in Network Theory and Applications

5-8 January 2011

Organisers: Colm Connaughton (Warwick), Stefan Grosskinsky (Warwick) and Eduardo Lopez (Oxford)

All talks take place in MS.02

Programme

Wednesday 5th Jan 2011

09.30 – 11.00	Registration & coffee
11.00 – 11.30	Coffee Break – Maths Common Room
11.30 – 13.00	T. House (Warwick) <i>Introduction to network statistics I</i>
13.00 – 14.00	Lunch – Maths Common Room
14.00 – 15.30	G. Bianconi (Boston) <i>Evolution of networks and biological evolution I</i>
15.30 – 16.30	Tea Break – Maths Common Room
16.30 – 17.15	M. Fricker (Oxford) <i>Biologically-inspired rules for adaptive network design</i>
17.15 – 18.00	D. Croydon (Warwick) <i>Scaling limit of the Erdos-Renyi random graph and associated random walk</i>
18.00	Drinks & Snacks – Maths Common Room

Thursday 6th Jan 2011

09.30 – 11.00	T. House (Warwick) <i>Introduction to network statistics II</i>
11.00 – 11.30	Coffee Break – Maths Common Room
11.30 – 13.00	G. Bianconi (Boston) <i>Evolution of networks and biological evolution II</i>
13.00 – 14.00	Lunch – Maths Common Room
14.00 – 14.45	R. Lambiotte (Imperial) <i>Finding communities when lost in space</i>
14.45 – 15.30	M. Gastner (Imperial) <i>Spatial networks: should we revive quantitative geography?</i>
15.30 – 16.30	Tea Break – Maths Common Room
16.30	Tutorial
19.00	Poster Session with Dinner – Maths Common Room

Friday 7th Jan 2011

09.30 – 11.00	M. Timme (Max Planck) <i>Spatio-Temporal Dynamics of Complex (Neural) Networks I</i>
11.00 – 11.30	Coffee Break – Maths Common Room
11.30 – 13.00	E. López (Oxford) <i>Computational tools for network research: from real to random and from static to dynamic I</i>
13.00 – 14.00	Lunch – Maths Common Room
14.00 – 14.45	A. Coja-Oghlan (Warwick) <i>Spectral methods and regularity</i>
14.45 – 15.30	E. Leicht (Oxford) <i>Community structure in networks: practice and significance</i>
15.30 – 16.30	Tea Break – Maths Common Room

Saturday 8th Jan 2011

09.30 – 11.00	M Timme (Max Planke) <i>Spatio-Temporal Dynamics of Complex (Neural) Networks II</i>
11.00 – 11.30	Coffee Break – Maths Common Room
11.30 – 13.00	E Lopez (Oxford) <i>Computational tools for network research: from real to random and from static to dynamic II</i>
13.00 – 14.00	Lunch – Maths Common Room
14.00 – 15.30	Tutorial
15.30	Departure