

# Uncertainty in Interaction Networks

**Wednesday 12 June**

Venue: 3 West-North 2.1

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- 9:30 Registration and coffee
- 10:15 Welcome
- 10:30 Ginestra Bianconi (QMUL)  
*Statistical mechanics of multiplex networks*
- 11:15 Thilo Gross (Bristol)  
*Analytical approaches to network dynamics*
- 11:45 Sheri Markose (Essex)  
*Financial networks, contagion and systemic risk*
- 12:30 Lunch (and poster setup)
- 2:00 Yamir Moreno (Zaragoza)  
*Uncertainty in social networks: the structure and dynamics of collective mobilization*
- 2:45 Dick James (Bath)  
How sure are you about your edges?
- 3:15 Gesine Reinert (Oxford)  
*Phylogenetic tree reconstruction from protein interaction networks*
- 3:45 Poster session with coffee
- 4:30 Robert May (Oxford)  
*Complexity, uncertainty, and consequent fragility in financial networks*
- 5:30 Reception (with posters)

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**Thursday 13 June**

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- 9:00 Coffee
- 9:30 SangHoon Lee (Oxford)  
*Mesoscopic spatiotemporal properties of growing fungal networks*
- 10:15 Hiroki Sayama (Binghamton)  
*Computational modeling and prediction of adaptive network dynamics*
- 10:45 John Bryden (Royal Holloway)  
*Homophily and structural stability in social networks*
- 11:15 Coffee
- 11:45 Peter Mörters (Bath)  
*A preferential attachment model with local clustering*
- 12:15 Neil Walton (Amsterdam)  
*Optimal queue-size scaling in switched networks*
- 1:00 Wrap-up
- 1:15 Lunch