Symposium on Spatial Networks 4 (SSN4): Programme

19 September 2019; Harris Lecture Theatre, Oriel College, Oxford

COFFEE & WELCOME	10:00	Justin Coon
Rigidity percolation in random rod networks	10:30	Samuel Heroy (Oxford)
Conditionally connected random geometric graphs	10:50	Carl Dettmann (Bristol)
Counting k-hop paths in the random connection model	11:10	Alex Kartun-Giles (NTU)
Dynamic approaches to measure heterogeneity in spatial networks	11:30	Vincenzo Nicosia (QMUL)
COFFEE	11:50	---
Plenary lecture: Higher-Order Networks	12:05	Renaud Lambiotte (Oxford)
LUNCH	12:50	---
Voronoi patterns for multi-slope pathloss models	13:50	Keith Briggs (BT)
Wireless localization with diffusion maps	14:10	Orestis Georgiou (Cyprus)
A continuum model for route optimization in large-scale inhomogeneous multi-hop wireless networks	14:30	Dene Hedges (Oxford)
Low latency network coding for allcast	14:50	Mark Graham (Bristol)
COFFEE	15:10	
Plenary lecture: 6Gwireless: Wireless Networks Empowered by Reconfigurable Intelligent Surfaces	15:25	Marco Di Renzo (CNRS & Saclay)
Can spatial fungal networks be informative for both ecology and network science?	16:10	Carlos Aguilar-Trigueros (Berlin)
A spatial network model of tumor symbiosis	16:30	Phil Tee (Moogsoft & Sussex)
Language evolution on spatial networks	16:50	James Burridge (Portsmouth)
Gravity model on small spatial scales: Mobility and congestion in supermarkets	17:10	Fabian Ying (Oxford)
Path data analysis for spatial-temporal data on networks	17:30	Jürgen Hackl (ETH)
CLOSING REMARKS	17:50	Justin Coon