



Workshop on Urban Data Science



14th of December 2015, Computer Lab, University of Cambridge

Registration + Coffee (9.30 - 10.00)

Welcome Note (Cecilia Mascolo) (10.00 - 10.15)

Session 1: Geo in Industry (Chair: Anastasios Noulas)

Salvatore Scellato (Google Geo, UK) (10.15 - 10.35)

Location-based Services in Urban Settings at Google Scale

Max Sklar (Foursquare Data Science, USA) (10.35 - 10.55)

Places and Tastes: Understanding Where People are and What They Do There

Daniele Quercia (Bell Labs, UK) (10.55 - 11.15)

Computational Urban "Science"

Francesco Calabrese (IBM, Ireland) (11.15 - 11.35)

Understanding and Optimizing Urban Dynamics using IoT

Questions and Discussion (11.35 - 12.00)

Lunch Break (12-13.15)

Session 2: Urban Theory (Chair: Renaud Lambiotte)

Sergio Porta (Strathclyde Architecture, UK) (13.15 - 13.35)

Fluid Neighbourhoods: Preliminary Evidence from Foursquare Communities in Central London

Marc Barthelemy (IPhT, CEA Paris) (13.35 - 13.55)

New data on urban mobility: old and new questions, new tools and pitfalls

Vito Latora (Queen Mary, UK) (13.55 - 14.15)

Interdisciplinarity and funding in modern science

Questions and Discussion (14.15 - 14.45)

Coffee Break (14.45-15.15)

Session 3: Urban Complexity + Mobility (Chair: Vito Latora)

Anastasios Noulas (Lancaster Data Science, UK) (15.15 - 15.35)

Urban Dynamics and Computational Cartography

Marta González (MIT, USA) (15.35 - 15.55)

TimeGeo: modeling urban mobility without travel surveys

Renaud Lambiotte (Namur Naxys, Belgium) (15.55: 16.15)

Mining Open Datasets for Transparency in Taxi Transport in Metropolitan Environments

Questions and Discussion (16.15-16.45)

Wine, Cheese and Mingling (16.45-18.00)