

DATA NATIVES 2015 PROGRAM

10:00

Welcome

10:10

Social

F. Botta (Warwick)

Quantifying Crowd Size and Human Communication with Mobile Phone and Twitter Data

K. Katevas (QMUL)

Walking in Sync: Two is Company, Three's a Crowd

V. Ciotti (QMUL)

Birds of a feather? Revisiting homophily and tie creation in social networks

S. Oh (Oxford)

Complex Contagions with Lazy Adoption

F. Battiston (QMUL)

Layered social influence promotes multiculturalism

11:10

Coffee break

11:35

Methods

M. Williams (Birmingham)

Models and Measures for Robustness Analysis in Spatio-Temporal Networks

P. Staniczenko (UCL)

Bounds on the transient instability of complex systems

C. Alis (UCL)

Tree: an open Big Data platform for mining, merging and modelling online public data

G. Dove (City)

CoDesign With Data

K. Lahtinen (City)

Using auxiliary data in adjusting and predicting nonresponse in social surveys

M. Bonaventura (QMUL)

Networks of Start-Ups and incremental graph algorithms

12:45

Lunch break

14:00

Round table: Career Paths in Data Science

14:45

Economics & Finance

M. Bardoscia (LIMS)

DebtRank: A microscopic foundation for shock propagation

I. Cingolani (QMUL)

Countries' market power in the international multi-product trade network

T. P. T. Souza (UCL)

On the Nonlinear Dependency Between Social Media and the Stock Market

K. Al-Sabah (City)

The role of past immigration on economic outcomes of immigrants

A. Letchford (Warwick)

The Advantage of Simple Paper Titles and Abstracts

15:45

Coffee Break

16:15

Mobility & Geography

M. Alanyali (Warwick)

Tracking protests using geotagged Flickr photographs

R. Gallotti (CEA Paris)

Lost in transportation: when public transport maps are too complex for our brain

C. I. Seresinhe (Warwick)

Quantifying the Impact of Scenic Environment on Health

L. Alessandretti (City)

Multi-scale dynamics of human exploration patterns

C. Stich (Birmingham)

The role of geographic context for sociability and network formation

17:15

J. Freeman (QMUL)

Data as an Art Material

18:00

Pub!

ROOM C309 - Tait Building - City University London - Northampton Square - EC1V 0HB

May 15

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Organised by Andrea Baronchelli and Laura Alessandretti



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