13th SICC International Tutorial Workshop "Topics in Nonlinear Dynamics" on Complexity and the City

Department of Electronics and Telecommunications - Politecnico di Torino

Torino, Italy, October 29-30 2018

Monday, October 29 2018

8.30 - 9.00 *Registration and welcome address*

  Federica Patti (Deputy Mayor for Education of the City of Torino)

  Patrizia Lombardi (Deputy Rector of Politecnico di Torino)

9.00 - 10.00 **Carlo Ratti** (Senseable City Lab, MIT)
SENSEABLE CITY

10.00 - 10.30 *Coffee Break*

10.30 - 11.30 **Andrea Baronchelli** (City University of London)
EVIDENCE FOR A CONSERVED QUANTITY IN HUMAN MOBILITY

11.30 - 12.00 **Paolo Santi** (Senseable City Lab, MIT)
THE IMPACT OF AUTONOMOUS AND SHARED MOBILITY IN CITIES

12.00 - 12.30 **Fabio Duarte** (Senseable City Lab, MIT)
MAKING SENSE OF BIG DATA IN CITIES: THE WORK OF THE SENSEABLE CITY LAB

12.30 - 14.00 *Lunch Break*

14.00 - 15.00 **Mario Di Bernardo** (Università degli Studi Federico II, University of Bristol)
CONTROLLING COLLECTIVE BEHAVIOUR IN COMPLEX SYSTEMS: PERSPECTIVES, METHODOLOGIES AND APPLICATIONS

15.00 - 15.30 **Chiara Poletto** (EPIcx Lab, Inserm)
ACCOUNTING FOR VARIABLE AND HETEROGENEOUS HUMAN BEHAVIOUR IN THE ASSESSMENT OF AN EPIDEMIC

15.30 - 16.00 **Laetitia Emilie Gauvin** (ISI Foundation)
UNDERSTANDING URBAN MOBILITY FROM A GENDERED PERSPECTIVE THROUGH MOBILE PHONE DATA

16.00 - 16.30 *Coffee Break*

16.30 - 18.00 PechaKucha Presentations *RESEARCHER SHOWCASE*

20.30 - 23.00 *Social Dinner - Circolo Canottieri Armida*

Tuesday, October 30 2018

9.00 - 10.00 **Maurizio Porfiri** (New York University)
ENGINEERING PARTICIPANTS' MOTIVATION IN CITIZEN SCIENCE FOR ENVIRONMENTAL MONITORING

10.00 - 10.30 *Coffee Break*

10.30 - 11.30 **Rossano Schifanella** (University of Torino)
TOWARDS A HEALTHY CITY: MODELING FOOD CONSUMPTION AND HEALTH OUTCOMES IN SPACE AND TIME

11.30 - 12.00 **Amin Anjomshoaa** (Senseable City Lab, MIT)
CITY SCANNER - A MOBILE IOT FRAMEWORK FOR EFFICIENT ENVIRONMENTAL SENSING

12.00 - 13.30 *Lunch Break*

13.30 - 14.30 **Guido Caldarelli** (IMT Lucca)
FINANCIAL NETWORKS

14.30 - 15.30 **Baruch Barzel** (Bar Ilan University)
DYNAMIC RESILIENCE OF COMPLEX NETWORKS

15.30 - 16.00 *Coffee Break*

16.00 - 17.30 **PechaKucha Presentations** *RESEARCHER SHOWCASE*

17.30 - 18.00 *Conclusive remarks*

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