



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin

Research Seminar

Pervasive urban sensing: paving the way to sustainable mobility

Paolo Santi

MIT Senseable City Lab & CNR Pisa

11-12am Friday 16th Oct 2015

Abstract: The worldwide urbanization trend poses enormous challenges to the already congested urban mobility landscape. On the other hand, increasing pervasiveness of sensing devices and the opening of the “big data” era present unique opportunities for shaping a different, more sustainable urban mobility.

This talk will present a number of projects at MIT Senseable City Lab which harness sensory data to study urban mobility and set the stage for more sustainable cities.

Short Bio: Paolo Santi is a Research Scientist at the MIT Senseable City Lab where he leads the MIT-Fraunhofer Ambient Mobility initiative, and he is a Senior Researcher at the Istituto di Informatica e Telematica del CNR. His research interest is in the modeling and analysis of complex systems ranging from wireless multihop networks to sensor and vehicular networks and, more recently, smart mobility and intelligent transportation systems. In these fields, he has contributed more than 100 scientific papers and two books. Dr Santi has been involved in the technical and organizing committee of several conferences in the field, and he is/has been an Associate Editor of the *IEEE Transactions on Mobile Computing*, the *IEEE Transactions on Parallel and Distributed Systems*, *Computer Networks*, and Guest Editor of the *Proceedings of the IEEE*. Dr. Santi is a member of the IEEE Computer Society and has recently been recognized as Distinguished Scientist by the Association for Computing Machinery.

Venue: Large Conference Room, O’Reilly Institute.

Further Details: Doug Leith (doug.leith@tcd.ie)

