

Dottorato di Ricerca in Informatica e Matematica

"Mobility Data Analysis and Mining "

ciclo seminariale della

Dott.ssa Fosca Giannotti

CNR, Istituto di Scienza e Tecnologie dell'Informazione, KDD Lab

Mobility data mining methods	
1. Clustering: Trajectory Clustering, Progressive Clustering	<i>Lunedì 27 aprile 2015, ore 11.00-12.00</i> Aula Gödel, Dipartimento di Informatica
2. Patterns: Trajectory Patterns, Flocks, Correlation patterns	<i>Lunedì 27 aprile 2015, ore 15.30-16.30</i> Aula Gödel, Dipartimento di Informatica
3. Prediction/classification: Next Location Prediction	<i>Martedì 28 aprile 2015, ore 11.00-12.00</i> Aula Gödel, Dipartimento di Informatica
MDM methods at work: Understanding Human mobility	
4. Dimensions of Mobility Analytics & Models of Human Mobility	<i>Lunedì 4 maggio 2015, ore 11.00-12.00</i> Aula Gödel, Dipartimento di Informatica
5. Understanding individual mobility	<i>Lunedì 4 maggio 2015, ore 15.30-16.30</i> Aula Gödel, Dipartimento di Informatica
6. Understanding Collective Mobility	<i>Martedì 5 maggio 2015, ore 11.00-12.00</i> Aula Gödel, Dipartimento di Informatica
Case Studies	
7. Services for Urban Planners and Policy Makers	<i>Martedì 5 maggio 2015, ore 17.00-18.00</i> Aula Gödel, Dipartimento di Informatica
8. Services for Citizens	<i>Mercoledì 6 maggio 2015, ore 14.00-15.00</i> Aula Gödel, Dipartimento di Informatica



Fosca Giannotti is a director of research at the Information Science and Technology Institute of the National Research Council, ISTI-CNR, Pisa, Italy. Her current research interests include spatio-temporal data mining, privacy preserving data mining, social network analysis, data mining query languages. She has been the coordinator of various European research projects, including the FP6-IST project GeoPKDD. She is a member of steering committee of the FP7 European Coordination Action MODAP: Mobility, Data mining and Privacy. She is the author of more than one hundred publications and served in the scientific committee of the main conferences in the area of Databases and Data Mining. She chaired ECML/PKDD 2004, the European Conf. on Machine Learning and Knowledge Discovery in Data Bases, and ICDM 2008, the IEEE Int. Conf. on Data Mining. Fosca Giannotti co-leads the KDD Lab – Knowledge Discovery and Data Mining Laboratory – a joint research initiative of the University of Pisa and ISTI- CNR.