

SINS 2016 - June 8-10, Palazzo Franchetti - Venice

PROGRAM

Day 1 - June 8

OPENING

09:30-09:40 Alessandro Panconesi (Sapienza University of Rome) and Marcello Pelillo (Ca'Foscari University of Venice): *Welcome address*

MAKING DECISIONS

09:40-10:30 Jon Kleinberg (Cornell University): *Human Decisions and Machine Predictions*

10:30-11:00 coffee

11:00-11:30 Krishna Gummadi (Max Planck Institute for Software Systems): *Discrimination in Human vs. Algorithmic Decision Making*

11:30-12:00 Eli Upfal (Brown University): *Is Your Big Data Too Big Or Too Small: Sample Complexity and Generalization Error*

12:00-12:30 Cristian Danescu-Niculescu-Mizil (Cornell University): *Conversational markers of social dynamics*

12:30-14:00 lunch

DOUBLE AND DISCRETE

14:00-14:30 Geppino Pucci (University of Padova): *MapReduce and Streaming Algorithms for Diversity Maximization in Doubling Metric Spaces*

14:30-15:00 Andrew Tomkins (Google): *Models for Discrete Choice*

15:00-15:30 coffee

VISION

15:30-16:00 Devdatt Dubhashi (Chalmers University): *AI Dangers, Imagined and Real*

16:00-16:30 Prabhakar Raghavan (Google): *Five Things I learned from a Great Man*

Day 2 - June 9

MOBILE TRUST

09:30-10:00 Mirco Musolesi (University College of London): *Spatio-temporal Networks: Reachability, Centrality, and Robustness*

10:00-10:30 Julinda Stefa (Sapienza University of Rome): *Hover and QR-code Based Attacks in Android OS to Steal User Input and Bitcoins*

10:30-11:00 coffee

MARKETS

11:00-11:30 Marco Bressan (Sapienza University of Rome): *The Limits of Recommendations*

11:30-12:00 Monica Billio (Ca'Foscari University of Venice): *Modeling Contagion and Systemic Risk*

12:00-12:30 Sergei Vassilvitskii (Google): *Learning from Low Regret Algorithms*

12:30-14:00 lunch

CENTRALITY

14:00-14:30 Matteo Riondato (Two Sigma Investments): *ABRA: Venice, Sampling, and Betweenness Centrality Estimation*

14:30-15:00 Sebastiano Vigna (University of Milan): *Rank Monotonicity in Centrality Measures*

15:00-15:30 coffee

HEALTH

15:30-16:00 Luca Foschini (Evidation Health): *Behavioral Phenotyping of Digital Health Tracker Data*

16:00-16:30 Fabio Vandin (University of Padova): *Algorithms for Network Analysis of Cancer Mutations*

16:30-17:00 Srinivas Parthasarathy (Ohio State University): *Markov Clustering: Consolidation and Renewed Bearing*

Day 3 - June 10

BIAS

09:15-09:45 Manish Raghavan (UC Berkeley): *Planning Problems for Sophisticated Agents with Present Bias*

09:45-10:15 Muhammed Bilal Zafar (Max Planck Institute for Software Systems): *Message impartiality in social media*

10:15-10:45 Corrado Monti (University of Milan): *A Network Model Characterized by a Latent Attribute Structure with Competition*

10:45-11:00 coffee

LOCAL AND GLOBAL

11:00-11:30 Alessandro Epasto (Google): *TRIEST: Counting Local and Global Triangles in Fully-dynamic Streams with Fixed Memory Size*

11:30-12:00 Silvio Lattanzi (Google): *On Sampling Nodes in a Network*

12:00-12:30 Aditya Bhaskara (University Utah): *Expanders via Local Edge Flips*

End of workshop