First Workshop of the Florence Center for Data Science

Florence, June 10 2019

Auditorium B – Plesso Morgagni - Viale Morgagni 40

09:45-09:55   Welcoming address

09:55-10:05   Introducing the Florence Center for Data Science (Fabrizia Mealli)

10:05-10:40   **Francesca Dominici** (Harvard University)

Particulate Solution: Data Science in the Fight to Stop Air Pollution and Climate Change

10:40-10:55   **Annibale Biggeri** (University of Florence)

Irreducible Complexities in Medical Research: Challenges for Study Design within the Data Science Framework

10:55-11:10   **Marco Sciandrone** (University of Florence)

Optimization and Machine Learning: a Marriage of Love or of Interest?

11:10-11:20   *Pausa*

11:20-11:55   **Paolo Frasconi** (University of Florence)

Full-Band Music Genres Interpolations with Wasserstein Autoencoders

11:55-12:10   **Raffaele Guetto** (University of Florence)

Socio-economic Data Science in the Digital Age

12:10-12:25   **Michele Boreale** (University of Florence)

Data Science at DiSIA, the Computer Science Perspective

12:25-13:00   **Stefano Leonardi** (La Sapienza University of Rome)

Algorithmic and Mechanism Design Research in Online Markets

13:00-14:00   *Lunch Break*

14:00-14:35   **Alessandra Sestini** (University of Florence)

Shape Reconstruction from Scattered Data

14:35-14:50   **Marco Maggesi** (University of Florence)

Theorems as Data

14:50-15:05   **Cristiano Ciappei** (University of Florence)

Teaching Digital Science to Managers: the Five-Year Experience of Master in Big Bata, Analytics and Technology for Management

15:05-15:15   *Pausa*

15:15-15:30   **Anna Gottard** (University of Florence)

Data Science Challenges for Statistics: the Role of Statistical and Causal Models

15:30-15:45   **Tommaso Zoppi** (University of Florence)

Evaluating Algorithms for Anomaly-Based Intrusion Detection

15:45-16:20   **Giovanni Parmigiani** (Harvard University, Dana-Farber Cancer Institute)

Replicability Challenges in Machine Learning and Prediction

16:45-17:00   Closing Remarks

If you are interested in attending the workshop, please contact datascience@unifi.it