

Variational Methods and Non-Smooth Geometric Structures with Applications

3-5 JUNE 2025

Bocconi University | Aula AS01 Via Röntgen 1, Milano

REGISTRATION REQUIRED

[REGISTRATION FORM](#)

The workshop brings together researchers exploring variational methods, optimal transport, non-smooth geometric structures and machine learning. In addition to theoretical aspects, it will cover applications to gradient flows, entropic transport, mean field models, singular limits, optimization, and data analysis, with a key focus on the role of non-Euclidean structures and convergence properties in large-scale models. By bridging analysis, geometry, numeric, and optimization, this event aims to foster interdisciplinary collaboration and advance new mathematical tools for emerging applications.

ORGANIZING COMMITTEE

Luigi Ambrosio Scuola Normale Superiore, Pisa

Ernesto De Vito University of Genoa

Giuseppe Savaré Bocconi University

PROGRAM

3 June 2025

1:30 pm	Registration
1:50 pm	Opening
2:00 pm	Massimo Fornasier Technical University of Munich
2:45 pm	Virginie Erlacher CERMICS, ENPC
3:30 pm	Coffee break
4:00 pm	Lorenzo Rosasco University of Genoa
4:45 pm	Cesare Molinari University of Genoa
5:30 pm	Emanuele Naldi University of Genoa

4 June 2025

09:00 am **Luigi Ambrosio** Scuola Normale Superiore, Pisa

09:45 am **Charles Bertucci** CNRS-École Polytechnique, Paris

10:30 am **Coffee break**

11:00 am **Giulia Cavagnari** Politecnico di Milano

11:45 am **Hugo Lavenant** Bocconi University

12:30 pm **Lunch**

2:30 pm **Silvia Villa** University of Genoa

3:15 pm **Edoardo Mainini** University of Genoa

4:00 pm **Coffee break**

4:30 pm **Filippo Riva** Bocconi University

5:15 pm **Federico Vitillaro** Scuola Normale Superiore, Pisa

5 June 2025

9:00 am **Lénaïc Chizat** EPFL

9:45 am **Anna Korba** ENSAE-CREST

10:30 am **Coffee break**

11:00 am **Alessandro Rudi** SDA Bocconi School of Management

11:45 am **Ernesto De Vito** University of Genoa

12:30 pm **Closing**