

Department of AI, Data
and Decision Sciences

Mathematical Methods for Climate Impacts

27 January 2026, 9:30 am

Room 409, Luiss Campus at Viale Romania 32, Rome

Cristina Urbani

Researcher RTT, Univertas Mercatorum

*Comparison Principles and Asymptotic
Behaviour For A 2-Layer Diffusive EBM*

Anna Vidotto

Researcher RTT, Sapienza University of Rome

*Testing for Unit Roots in Spherical
Isotropic Autoregressions*

Francesca Bucci

Professor, University of Florence

*Evolutionary Partial Differential Equations
With Finite Memory: State Space Framework
and Optimal Boundary Control*

11:30 am Coffee Break

Katia Colaneri

Professor, Roma Tre University and University
of Tor Vergata

*Expect The Worst! Optimal Emission
Abatement Under Tax Policy Risk & Uncertainty*

12:30 pm Lunch Break

2:00 pm

Sarah Ismail

PHD Student, University of Bari

*On the Control of Waves with
Time-Dependent Degenerate Speed*

Michele Ricciardi

Post Doc, Luiss

*Mean Field Games in infinite dimension:
theory and economic applications*

3:20 pm Coffee Break

Giuseppe Floridia

Professor, Sapienza University of Rome

*Carleman Estimates for Transport Equations
with Applications to Inverse Problems*

Registration