



Università di Foggia

FOGGIA, 23 JANUARY 2026

Sala del Tribunale di Palazzo Dogana

Provincia di Foggia, Piazza XX Settembre



Provincia
di Foggia

Workshop on Dynamical Systems and Diffusion Models

In celebration of the 70th Birthday and Retirement of Lucia Maddalena

Registration, welcome coffee and Istitutional greetings

10:00 - 10:30

Giuseppe Nobiletti

President Province of Foggia

Michele Milone

Vice-Rector University of Foggia

Luca Grilli

University of Foggia (Chair)

Lorenzo Lo Muzio

Rector University of Foggia

Pasquale Di Biase

Dean Dept. of Economics, University of Foggia

10:30 - 11:00

*Keynote lecture by **Lucia Maddalena***

11:00 - 13:00

Achille Basile

University of Naples Federico II

Filomena De Luca

Mathesis Foggia

Michele Milone

University of Foggia

Massimo Squillante

Accademia Peloritana dei Pericolanti

Mauro Bisceglia

University of Bari Aldo Moro

Cristiana Mammana

University of Macerata

Lucia Perrone Capano

University of Foggia

Saverio Tortoriello

Liceo Matematico Salerno

13:00 - 14:30

Light lunch

14:30 - 17:00

Scientific contributions from invited speakers

Marta Biancardi, *University of Bari Aldo Moro*

Adaptation Measures and stable International Environmental Agreements in a Pollution Dynamic Game

Giuseppe Caristi, *University of Messina*

Generalizzazione dei sistemi ellittici quasilineari periodici: esistenza, molteplicità e applicazioni economiche

Antonio Di Nola, *University of Salerno*

Resurrection: a poetical theorem

Gerarda Fattoruso, *University of Foggia*

Handling Incomplete Pairwise Comparison: A SMAA-Based Decision Framework

Massimiliano Ferrara, *University of Reggio Calabria*

Multi-Time Dynamics in AI Optimization: Bridging Game Theory and Optimal Control

Stefania Ragni, *University of Ferrara*

Rational Krylov methods in exponential integrators for differential problems

Domenico Santoro, *Universitas Mercatorum*

The role of natural language in financial decision-making

Giovanni Villani, *University of Bari Aldo Moro*

Regulation and enforcement in the exploitation of the groundwater resource

17:00 - 17:30

Coffee break

17:30 - 18:30

Round table, closing remarks & acknowledgements

Scientific and Organizing Committee:

Marta Biancardi
University of Bari Aldo Moro

Barbara Cafarelli
University of Foggia

Francesco Colasanto
University of Foggia

Gerarda Fattoruso
University of Foggia

Luca Grilli
University of Foggia (Chair)

Domenico Santoro
Universitas Mercatorum

Antonio Vairo
University of Foggia

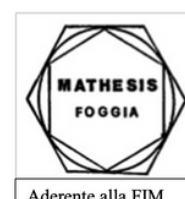
Giovanni Villani
University of Bari Aldo Moro

Giacinto A. Sgarro
University of Foggia

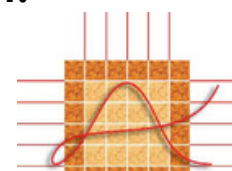
With the contribution of:



Provincia
di Foggia



Aderente alla FIM



A.M.A.S.E.S.