

UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II
DOTTORATO DI RICERCA / PhD PROGRAM IN
INFORMATION TECHNOLOGY AND ELECTRICAL ENGINEERING

Seminar announcement

Thursday 16th October 2025, Time: 11:00 - 12:00
Historic Library - Piazzale Tecchio, 80 - 80125 – Napoli



Prof./Dr. Maria Grazia Speranza

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Optimization in Transportation and Logistics

Abstract Technological advancements over the past few decades have significantly transformed the way people travel and how goods are transported. Today, a systemic approach to problem-solving and the use of advanced analytical methods are more essential than ever. In this

talk, we will explore key trends in the application of optimization models and algorithms within transportation and logistics, along with some recent developments in the field.

Lecturer short bio: *M. Grazia Speranza is full professor of Operations Research at the University of Brescia. She was President of the International Federation of Operational Research Societies (IFORS), of the association of European Operational Research Societies (EURO) and of the Transportation Science and Logistics (TSL) society of INFORMS. Grazia's research is in the area of mixed integer programming and combinatorial optimization, with a focus on applications to transportation and logistics. She is author of more than 200 papers. She is currently a member of the advisory board of editors for Transportation Science, editor of the series EURO Advanced Tutorials in Operational Research, and a member of the editorial boards of the EURO Journal on Transportation and Logistics, International Transactions in Operational Research, and 4OR. Grazia is cited in the "World's 2% Top Scientists" ranking. She is also recognized as one of the Top 100 Italian Women in STEM. She was awarded with the Laurea honoris causa by the University of Freiburg, Switzerland. She is a member of the Academy of Sciences of the University of Bologna and was awarded as an Italian Knowledge Leader by the Convention Bureau Italia. In 2024 she received the EURO Gold medal and was nominated INFORMS Fellow.*

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