



Seminar Announcement

Organized within the course “Optimization for Green Transition”, Doctorate School in Engineering Science

February 12, 2025, 9:30 am, room 160/2

Optimization in transportation and logistics: yesterday, today, tomorrow

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Abstract. Technological changes have been dramatic in the last decades and are changing the way people move and goods are transported. A systemic approach to problems and advanced analytical methods are more vital than in the past. In this talk, the main trends in the use of optimization models and algorithms for problems in transportation and logistics will be presented together with some recent developments.

Bio. She is Full Professor at the Università di Brescia, where she was Dean of the Faculty of Economics and Deputy Rector. She was President of the Association of European Operational Research Societies (EURO) and of the International Federation of Operational Research Societies (IFORS). She is a member of the Board of Directors of a2a company. Her research activity is mainly focused on both optimization models and methods for reducing the environmental impact due to freight transport and for sustainable mobility. She is author of more than 200 papers, published on international journals. She has been selected by the ‘100 esperte’ project as one of the best Italian researchers in the STEM area and she is in the “World’s 2% Top Scientists” ranking. She received the honorary degree (laurea honoris causa) from the University of Freiburg (Switzerland). She has been honoured as an 'Italian Knowledge Leader' and she is member of Accademia delle Scienze di Bologna. In 2024, she received the EURO Gold Medal, the highest award for scientific merit in Europe, and she was named INFORMS Fellow, a lifetime achievement award of the American Association for Operations Research.

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