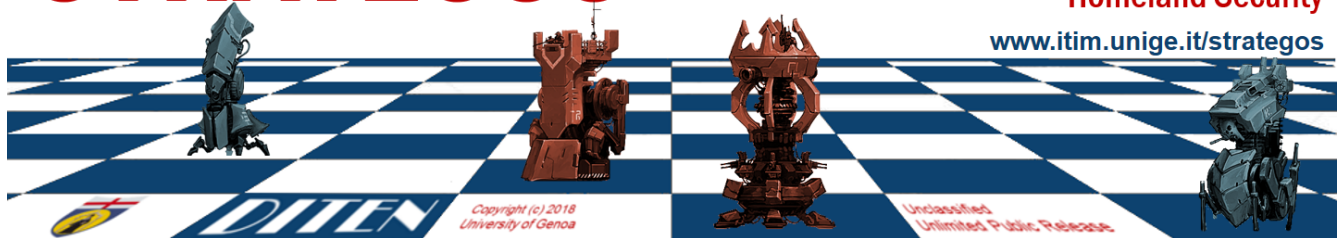


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Master of Science on Modelling, Engineering and Strategies on Operations and Systems

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I graduated in Computer Science summa cum Laude in Milan and I have working experience as Program Manager in Space Robotics Society TecnoSpazio (Milan, Italy) and as Science Research Associate in IBM T.J. Watson Research Center, Yorktown Heights New York, USA. I have been active in Research and Development, as well as in Education, in Genoa and Milan Universities.

Since 2001, I am Full Professor of Operations Research at the Department of Economics and Business Studies of Genoa University and currently I teach:

- Operations Research (degree in Economics of the Shipping Companies, Logistics and Transport, Faculty of Economics)
- Simulation Techniques (Master of Science in Management of Maritime and port enterprises, Faculty of Economics)
- Simulation and decisional models (degree in Statistic Mathematics, Faculty of Science)
- Strategic decisions: models, methods and game theory - Master of Science on Modelling, Engineering and Strategies on Operations and Systems

My main research interests include:

- Heuristic methods to solve combinatorial optimization problems, mainly applied to maritime terminal problems (master bay plan problem)
- Shortest path problems in multimodal transportation networks (passenger and freight)
- Optimization models and methods in distributive logistics (supply chain, location-routing, inventory-production)
- Discrete event simulations models per performance evaluation of maritime terminals;
- Location routing problems
- Petri Net models for the analysis of manufacturing systems

I am member of several Scientific Committees and I have experience in PhD Programs as:

- Member of the Scientific Committee of the Doctoral school in “Transportation and Logistics” of the Italian Centre of Excellence in Integrated Logistics (CIELI), University of Genoa.
- Member of the Scientific Committee of the Doctoral school in Mathematics for Economics Decisions “Fibonacci”, University of Pisa: 2012-2013

Useful Links

www.economia.unige.it/docenti

www.researchgate.net/profile/Daniela_Ambrosino

www.airo.org/index.php/it/airo

www.airoconference.it/ods2019/

<http://maddmaths.simai.eu/>