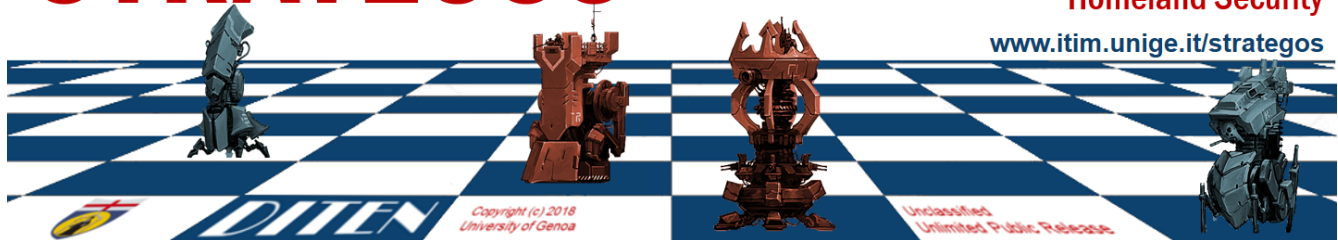


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Master of Science on Modelling, Engineering and Strategies on Operations and Systems

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I am associate professor of Operations Research at the Department of Economics and Business Studies, and I teach:

- Operations Research for Supply Chain Management - Master of Science in Management;
- Optimization of maritime transport and terminal operations - Master of Science in Management of Maritime and port enterprises;
- Operation Research for tourism and revenue management – Degree in Science of tourism;
- A module in the course of Strategic decisions: models, methods and game theory - Master of Science on Modelling, Engineering and Strategies on Operations and Systems

My main research activities include the application of optimization techniques to

- the Logistic Areas
 - Distribution network design / hub location / location-routing problems
 - Multimodal networks design with externalities
 - Distribution plans /vehicles routing problems

- Cruise itineraries' offer
 - Definition of new itineraries
 - Cruise offer evaluation
- Container Terminal Management
 - Stowage planning problems
 - Yard management
 - Train load planning problems (with mono and multi-objective optimization approaches)
 - Congestion and truck appointment systems
- Choice of intermodal paths in urban networks

I am member of the

- Executive Board of the Department of Economics and Business Studies (from November 2015)
- Italian Centre of Excellence on Logistics, Transport and Infrastructures (CIELI)
- Executive Board of the Italian Society of Operations Research (AIRO) (from 2008 to 2011 and from January 2019)
- Organizing committee of the Conference on optimization and decision sciences AIRO2007 held in Genoa (September 2007), AIRO2015 held in Pisa (September 2015), of the Conference on optimization and decision sciences ODS2019 Genova (September 2019), of the VII Int. Conf. on Mathematical Problems in Engineering, Aerospace, and Sciences, held in Genova (June 2008).
- Editorial committee of Maddmaths (from January 2019)

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/>