



Anna Franca Sciomachen

Full professor

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Education and training

1984

Graduated in Computer Science

110/100 cum laude

University of Milan - Milan - IT

Academic experience

1988 - 1992

Assistant professor

University of Milan - Milan - IT

1992 - 2001

Associate Professor

Univeristy of Genoa - Genoa - IT

2001 - ONGOING

Full Professor

University of Genoa - Genoa - IT

Work experience

1986 - 1987

Science Research Associate

IBM T.J. Watson Research Center - Yorktown Heights New York - US

1988

Program Manager

Space Robotics Society Tecnosspazio - Milan - IT

Language skills

English

Proficient

Teaching activity

Present Teaching activity:

Teacher of the following courses at the University of Genoa:

- 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)

Postgraduate research and teaching activity

Postgraduate (PhD) teaching activity

- 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

Research interests

Main research activities:

- 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