

- Department of Mathematical Sciences, Isfahan University of Technology
- Institute of System Analysis and Computer Science, "Antonio Ruberti" (IASI), CNR
- IUT International Scientific Cooperation Center (ISCC)
- Institute for Research in Fundamental Sciences (IPM)



<https://english.iut.ac.ir/scopt2021>



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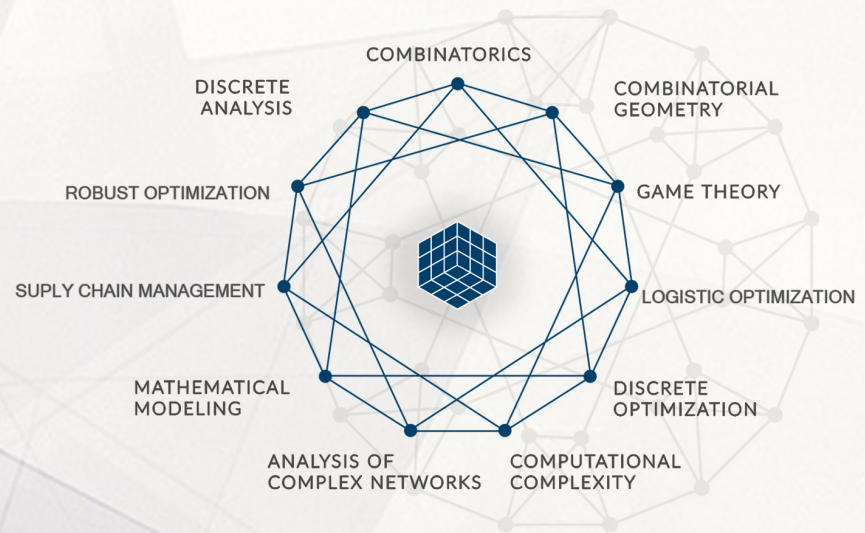
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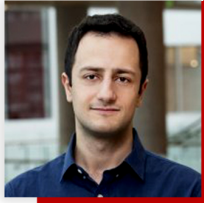
Autumn School and Workshop on

Combinatorial Optimization

November 30-December 2, 2021

Iran - Italy

SCO²PT



Ahmad Abdi received his PhD from the University of Waterloo in 2018, under the supervision of Bertrand Guenin.

The title of his PhD dissertation was Ideal Clutters, an important class of objects in Mathematical Optimization.

In the same year, Ahmad joined the Mathematics Department at the London School of Economics as a tenure-track Assistant Professor.

He also spent over a year at Carnegie Mellon University as a Postdoctoral Fellow.

Ahmad's research interests include Combinatorial Optimization, Integer and Linear Programming, Graph Theory, and Matroid Theory.

He is the recipient of the Alumni Gold Medal for Master's Studies (University of Waterloo 2014), and was a Finalist for the Alumni Gold Medal for Doctoral Studies (University of Waterloo 2018).

I. A Polyhedral Study of Tractable Set Covering Problems, II. Two Case Studies: Postman Sets iGraphs, and dijoins in Digraphs

www.personal.lse.ac.uk/abdia2/index.html



Claudio Gentile is a Director of Research at the Institute of System Analysis and Computer Science "A. Ruberti" of the Italian National Research Institute.

His main interests are in Combinatorial Optimization, Mixed-Integer Nonlinear Programming, Exact methods, Polyhedral Theory, Energy applications.

Power Energy Production and Optimization

www.iasi.cnr.it/~gentile



Paolo Ventura is a research scientist at the Institute of System Analysis and Computer Science, "Antonio Ruberti" (IASI), CNR, since 2005.

His main research interests are combinatorial optimization, linear integer programming, and applications.

He is the author of many articles published in the most relevant journals of the area.

Exact and Heuristic Approaches to Container Logistics

www.iasi.cnr.it/~ventura/



Giuseppe Stecca is research scientist at Istituto di Analisi dei Sistemi ed Informatica "Antonio Ruberti" del Consiglio Nazionale delle Ricerche (CNR - IASI).

He holds the chair of Supply Chain Management at the University of Rome "Tor Vergata", Faculty of Engineering management.

His main research interests are related to the optimization of sustainable production and logistic systems.

Optimization for Green Supply Chain Management

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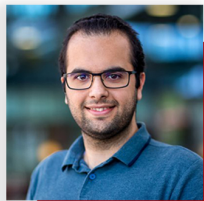
Maryam Salami was a former researcher at the Institute of System Analysis and Informatics "Antonio Ruberti" (IASI), CNR.

She was a member of Initial Training Network, ITN, Marie Curie 7th Frame Work, Mixed-Integer Nonlinear Optimization (MINO) 2013-2018.

Her main research interests are combinatorial optimization, quadratic programming and interior-point methods

Conic Programming and its Applications in Engineering

https://iscoweb.iut.ac.ir/sites/iscoweb/files/u758/cv_2020.pdf



Ahmadreza Marandi achieved his Bachelor's and Master's degree in Applied Mathematics at the University of Tehran.

He got his Ph.D. degree in December 2017 by defending his thesis "Aspects of Quadratic Optimization: Nonconvexity, Uncertainty, and Applications" at Tilburg University.

He is now conducting research on both theoretical and numerical optimization.

His focus is on dealing with uncertainties and how to make use of available data in decision making, especially in Supply Chain Management.

Multi-stage Adjustable Robust Location-transportation Problems with Integer-valued Demand

www.tue.nl/en/research/researchers/ahmadreza-marandi/