Università degli Studi di Genova

ODS 2019

International Conference on
Optimization and Decision Science
XLIX Annual Meeting of AIRO – Italian Operations Research Society
Genova, September 4-7, 2019

AIRO
ASSOCIAZIONE ITALIANA DI RICERCA OPERATIVA
OPTIMIZATION AND DECISION SCIENCE

www.airoconference.it/ods2019/

First Announcement and Call for Papers

ODS 2019, the International Conference on Optimization and Decision Science, will be held in Genova, Italy, on September 4-7, 2019. ODS 2019 is organized by AIRO, Italian Operations Research Society, DIEC (Department of Economics and Business Studies), DIBRIS (Department of Informatics, Bioengineering, Robotics, and Systems Engineering) and DIMA (Departments of Mathematics) of the University of Genoa.

The conference venue is at DIEC, which is located in downtown Genova, close to the historic centre and port, at walking distance from the railway station.

ODS 2019 aims at being an opportunity for researchers and practitioners from various sectors (applied mathematics, computer science, engineering, economics), private and public companies, industries and policy makers, to present and share ideas, experiences and knowledge, as well as to creating a point of contact among them.

The conference theme is open in the wide field of optimization, problem solving and decision making methods and their application in industrial and territorial systems. However, a special focus is on Optimization and Decision Science for Logistics and Multimodal Transportation. The topics that may be addressed by the works submitted to the conference are reported below; however, the list is not exhaustive and authors should not feel limited by them.

All researchers, academics, practitioners and students working on the conference themes are invited to participate to ODS 2019 submitting a short paper or an abstract, and organizing sessions. There is the opportunity to be sponsor or exhibitor of the conference; interested researchers can contact the conference secretariat (info.ods2019@airoconference.it)

Methodological and Applicative Topics	
Continuous Optimization	Industrial Production
Global Optimization	Supply Chain Management
Linear and Nonlinear Programming	Planning and Project Management
Discrete and Combinatorial Optimization	Business Analytics
Stochastic and Robust Optimization	Financial Modeling and Risk Management
Graph theory and Network Optimization	Traffic and Transportation
Flow Problems	Logistics
Covering and Location	Railway Problems
Path Search and Routing	Maritime Problems
Cutting and Packing	Homeland Security
Scheduling and Timetabling	Critical Infrastructure Protection
Heuristics and Metaheuristics	Emergency and Humanitarian Logistics
Multiple-Criteria Decision Making	Disaster Management
Game Theory	Energy, Environment, Natural Resources and Climate
Artificial Intelligence	Health Care Management
Decision Support Systems	Life Sciences and Sports
ICT and Computer Networks	Practice of OR
Data Mining and DEA	Emerging Applications
Big Data Analytics and Optimization	Optimization Software
Simulation and Queuing Theory	OR Teaching
Control Theory and System Dynamics	Soft OR

Call for Papers

Participants can submit their works in the two following ways:

- **Short paper (8 – 10 pages, including front matter and references)**
  Short papers will undergo a review process by anonymous referees. Accepted papers will be included in a special volume of the **AIRO Springer Series**, which will be indexed in main scientific databases. Short paper must be prepared in LaTeX or Word using the Springer template (https://www.springer.com/cn/authors-editors/book-authors-editors/book-manuscript-guidelines) and submitted via Springer's Online Conference Service, **OCS**.
- **Abstract (max 2000 characters, space included)**
  Abstracts will be selected by ODS2018 Program Committee to be included in the conference ebook of abstracts. Abstracts must be prepared using the ODS2018 LaTeX or Word templates which will be available on the conference website (www.airoconference.it/ods2019).

Call for Sessions

Session proposals are welcome and have to be sent to info.ods2019@airoconference.it at the earliest convenience of the proponent, but in any case within March 15th.

Proposals have to report: **title of the session and first attempt title and authors of each contribution**.

Special Issues

Regular papers can be submitted after the conference for publication in special issues of indexed international journals. Information will be provided in the following announcements and on the website.

Information

For detailed information about the conference and the venue, please, visit the conference website: www.airoconference.it/ods2019. For any further information please contact info.ods2019@airoconference.it.

Important dates	
December, 2018	Submission of short paper and abstract will open when Springer OCS will be available (Acceptance notification within 2 months from the submission)
February 11, 2019	Early registration opens
March 15, 2019	Deadline for submission of sessions proposal
March 29, 2019	Deadline for short paper and abstract submission
April 19, 2019	Deadline for abstract submission
May 10, 2019	Contribution (short paper or abstract) acceptance notification
May 27, 2019	Deadline for early registration
June 3, 2019	Deadline for camera-ready paper

Registration fees

Registration fees will be communicated soon in the Conference website www.airoconference.it/ods2019.

Organizing committee

Chair: Anna Sciomachen (sciomach@economia.unige.it)
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