

ODS2017

International Conference on
Optimization and Decision Science

XLVII Annual Meeting of AIRO – Italian Operations Research Society
Sorrento, September 4th-7th, 2017



First Announcement and Call for Papers

ODS2017, international conference on **Optimization and Decision Science**, **ODS2017**, is organized by **AIRO**, Italian Operations Research Society, in cooperation with **DIETI** (Department of Information Technology and Electrical Engineering) of University “Federico II” of Naples. It will be held at **Hilton Conference Center, September 4-7, 2017, Sorrento, Italy**.

The scope of the conference is presenting ideas and experiences, sharing knowledge and creating a point of contact among researchers and practitioners from various sectors (applied mathematics, computer science, engineering, economics), private and public companies, industries and policy makers.

The theme is open in the wide field of optimization, decisions science and problem solving methods, and their application in industrial and territorial systems. The conference topics are reported below but the list is not exhaustive. Papers may address one or more of the topics, although authors should not feel limited by them. Related topics are also acceptable.

All researchers, academics, practitioners and students working on the conference themes are invited to participate to ODS2017 submitting a short paper or an abstract, and organizing sessions.

| 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 will have **two ways of submission, a short paper or an abstract:**

- **Short paper (6 – 8 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 Springer Conference Proceedings in Mathematics and Statistics (PROMS), indexed in main scientific databases (Scopus, Thomson Reuters, Google Scholar, etc.). They have to be prepared in LaTeX or Word using the PROMS template and submitted via Springer's Online Conference Service, **OCS**, (<https://ocs.springer.com/prom/>).
- **Abstract (max 2000 characters space included)**
Abstracts will be selected by ODS2017 Programme Committee to be included in the conference e-book of abstracts. They should be prepared using the ODS2017 LaTeX or Word templates which will be available on the conference website (www.airoconference.it/ods2017).

Call for sessions

Session proposals are welcome and have to be sent to ods2017.airo@unina.it at the earliest convenience of the proponent, but in any case within January 28th. Proposals have to report:
Title of the session and first attempt title, authors, and kind (short paper or abstract) of each contribution.

Important dates

| | |
|---|--|
| December, 2016 | Submission of short paper and abstract will open when Springer OCS available (Acceptance notification within 2 months from the submission) |
| February 1st, 2017 | Early registration opens |
| March 3rd, 2017 | Deadline for short paper submission |
| April 15th, 2017 | Deadline for abstract submission |
| Within April 30th, 2017 | Contribution (short paper or abstract) acceptance notification |
| May 14th, 2017 | Deadline for early registration |
| May 31st, 2017 | Due date for camera-ready paper |

Special issues

Information about post-conference special issues on indexed international journals will be given in the following announcements.

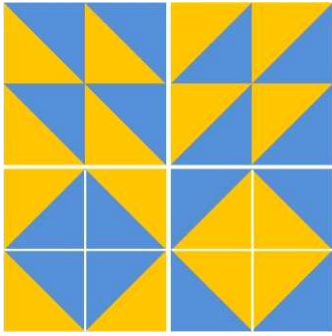
Information

For detailed information about the conference and the venue, please, visit the Conference website: www.airoconference.it/ods2017. For any further information please contact ods2017.airo@unina.it.

Conference Chairs

Programme Committee: Antonio Sforza antonio.sforza@unina.it
Organizing Committee: Claudio Sterle claudio.sterle@unina.it





QDS 2017

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