ODS 2020
Rome, September 8-11, 2020

International Conference on Optimization and Decision Sciences

50° Conference of Italian Operations Research Society

**Città Universitaria
Sapienza-University of Rome**

ODS 2020

Rome, September 8-11, 2020

International Conference on Optimization and Decision Sciences

First Announcement and Call for Papers
www.airoconference.it/ods2020/

Dear Colleague,
The Program Committee of the International Conference on Optimization and Decision Sciences 2020 is very glad to announce the first Call for Papers.

The **ODS 2020**, the International Conference on Optimization and Decision Science will be held in Rome, Italy, on September 8-11, 2020.

ODS 2020 is organized by AIRO, the Italian Operations Research Society and the Department of Statistical Sciences Sapienza - University of Rome. The conference venue is at the Sapienza University Campus close to the city center and the Termini railway station.

ODS 2020 aims at being a unique opportunity for researchers, and practitioners focused on today's problems of *knowledge, growth, sustainability and operational excellence* from various sectors (quantitative management, engineering, applied mathematics, statistics, computer science, economics, and finance, medicine), private and public companies, industries and policymakers, to present and share ideas, experiences and knowledge, as well as to enforce or creating a new cooperation network.

The conference theme is open in the wide field of analytics, optimization, problem-solving, and decision-making methods and their application in Production, Service, Knowledge, and IT Systems. However, a special focus is on **Optimization in Artificial Intelligence and Data Science**. The topics that may be addressed by the works submitted to the conference are reported below, the list is not exhaustive, and authors should not feel limited.

All researchers, academics, practitioners, and students working on the conference themes are invited to participate to **ODS 2020** submitting a *short paper* or an *abstract* and *organizing sessions*. There is the opportunity to be a sponsor or exhibitor of the conference. Interested researchers can visit our web site (http://www.airoconference.it/ods2020/) or contact the conference secretariat (ods2020-airo.dss@uniroma1.it).

ODS 2020 aims at being an opportunity for researchers and practitioners from various sectors (applied mathematics, computer science, engineering, economics), private and public companies, industries and policymakers, to present and share ideas, experiences and knowledge, as well as to creating a point of contact among them.

We hope you will join us in Rome next September 2020, looking forward to your contribution to making ODS 2020 a unique opportunity and a great success.

The ODS 2020 Organizing Committee

Metodological and Applicative Topics

Artificial Intelligence	Life Sciences and Sports
Big Data Analytics and Optimization	Linear and Nonlinear Programming
Business Analytics	Logistics
Continuous Optimization	Machine Learning
Control Theory and System Dynamics	Mathematical Programming
Covering and Location	Multiple-Criteria Decision Making
Cutting and Packing	Network Analytics
Data Mining and Classification	Network Medicine
Decision Support Systems	Optimization Software
Disaster Management	OR Teaching
Discrete and Combinatorial Optimization	Planning and Project Management
Emergency and Humanitarian Logistics	Practice of OR
Energy, Environment, Natural Resources and Climate	Railway and Air traffic problems
Financial Modeling and Risk Management	Routing
Game Theory	Scheduling and Timetabling
Global Optimization	Simulation and Queuing Theory
Graph Theory and Network Optimization	Social Networks
Health Care Management	Soft OR
Heuristics and Metaheuristics	Stochastic and Robust Optimization
ICT and Computer and Mobile Networks	Supply Chain Management
Industrial Production	Traffic and Transportation

Important Dates

- December 14, 2019   Submission of short paper and abstract opens
- February 14, 2020   Early registration opens
- March 20, 2020   Deadline for submission of sessions proposal
- March 27, 2020   Deadline for short paper submission
- April 24, 2020   Deadline for abstract submission
- May 29, 2020   Contribution (short paper or abstract) acceptance notification
- June 12, 2020   Deadline for early registration
- June 19, 2020   Deadline for camera-ready paper