

International Journal of
RAIRO-OPERATIONS RESEARCH



CALL FOR PAPERS

ROADEF2017 Special Issue on
Operational Research: New Trends and Modern Applications

Guest Editors:

Imed Kacem and Christophe Rapine

Scope

ROADEF2017 conference (<http://roadef2017.event.univ-lorraine.fr/>) is the 18th edition of the annual conference of the French Society of Operational Research and Decision Aid (Metz, 22-23-24 February 2017). The scientific program of this conference includes about 250 contributions and different keynote speeches provided by outstanding experts. This event has attracted participants from different countries. This special issue is devoted to ROADEF2017 but the submission is also extended to any high-quality paper non-presented at the conference.

According to the journal standards, a new review process will be organized and applied to all the papers submitted to this special issue.

The scope of this special issue is related to the Operational Research (OR) domain. Both contributions to methodologies and applications are welcome.

This special issue attempts to present some recent advances in OR and to publish original papers that contribute to the theory, the solution methods, and the related applications. The topics include but are not limited to:

- Approximation algorithms;
- Mathematical programming;
- Cutting plane algorithms
- Branch-and-Cut-and-Price algorithms
- Heuristics and metaheuristics;
- Graph theory and applications;
- Scheduling, planning and lot-sizing;
- Constrained optimization;
- Markov chains and stochastic optimization;
- Transportation and logistics;
- Network design and optimization;
- Learning, simulation and statistical approaches;
- Non-linear and/or global optimization.

Target Dates

Submission starting date: January 30th, 2017

Submission deadline: April 30th, 2017

Notification of the Initial Decision: June 30th, 2017

Submission Deadline for Revised Version: October 15th, 2017

Final Decision: November 15th, 2017

Submission Deadline for Final Version: November 30th, 2017

Submission

Authors should follow the instructions available at the journal website:

<http://journals.cambridge.org/action/displayMoreInfo?jid=ROE&type=ifc>

Authors should select “**ROADEF2017 Special Issue**” type when submitting their manuscripts. Papers should be submitted in electronic form (in PDF format) via the submission system. Your submission should be original, unpublished, and not currently under consideration for publication elsewhere.

Each submission will be evaluated by two independent referees. Quality and originality of the contribution are the main acceptance criteria.

For any query, please contact the Guest Editors:

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