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Networks – an international journal

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Special Issue on

“Network based system optimization”

Overview

Network based systems are assuming increasing importance in a huge number of applied fields, such as transportation and logistics, computer science, information and communication technologies, critical infrastructure protection, only to cite the most important ones, playing a relevant role in the socio-economic development of a modern society.

This special issue is addressed to scientists and experts from academia and industry, invited to present high quality research papers on methodological and theoretical advances in exact and heuristic optimization methods and their application in network based systems.

Topics of interest include, but they are not limited to:

- Graph Theory and Network Optimization
- Paths and Flow Problems
- Covering, Location and Routing Problems
- Traffic, Transportation and Logistics
- Railway and Maritime Problems
- Critical Infrastructure Protection
- Emergency and Humanitarian Logistics
- ICT and Computer Networks
- Industrial and Territorial Applications
- Emerging applications and practice of OR

For this special issue, contributions are encouraged from the Operations Research, Computer Science and quantitative methods communities, and in particular from the participants of the International Conference ODS2017 on Optimization and Decision Science, Hilton Sorrento Palace, Sorrento, Italy, September 4th – 7th, 2017 (www.airoconference.it/ods2017).

Paper submission

Research and review articles are invited. Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere (except conference proceedings papers). All manuscripts will be refereed through a peer-review process, according to the usual standards of the journal. More information about submission guidelines can be found at [http://onlinelibrary.wiley.com/journal/10.1002/\(ISSN\)1097-0037](http://onlinelibrary.wiley.com/journal/10.1002/(ISSN)1097-0037).

Submit a full paper by sending it to: ods2017.airo@unina.it with the object: *Networks Special Issue*.

Time window for submission: October 1st, 2017 – January 31st, 2018.

We encourage authors to submit papers as soon as possible to expedite the review process and publish the special issue within 2018.

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