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Upcoming Conferences

Special Announcements



2017 EURO Winter Institute on "Methods and Models in Transportation Problems"



Bressanone, Italy, 14-23 February 2017

http://www.ewgt.org/index.php?option=com_content&view=article&id=42&Itemid=119

EURO Summer and Winter Institutes (ESWI) are an instrument EURO has established for the encouragement of good scientific and social relationships between promising early stage OR scientists in Europe.

The EURO Winter Institute on "Methods and Models in Transportation Problems" will take place in Bressanone, Italy, from the 14th to the 23rd of February 2017. The event will be hosted by the University of Padova and is organized by Euro Working Group on Transportation, under the patronage and sponsorship of the Association of European Operational Research Societies (EURO). It aims at gathering early stage researchers to establish a network of outstanding people who hopefully will continue to work together in the future.

Overview on EURO

EURO Winter Institutes (EWI) are an instrument EURO has established for the encouragement of good scientific and social relationships between promising early stage OR scientists in Europe. The main purpose of each EWI is to establish in each OR field a network of outstanding people who will continue to work together in the future.

Participation at an EWI can be considered as an honor, as it is limited to a restricted group of early stage researchers, who are either PhD students or who have less than two years research experience since completing a PhD.

To be eligible, a candidate must have a single-authored or co-authored paper in the field of Transportation and Logistics, which has not yet been published, nor accepted for publication.

To apply to the EWI, candidates from a EURO member society country, or studying in a EURO member society country, should submit their curriculum vitae and paper together with a motivation statement to the Scientific Committee of the EWI. Additionally, up to two candidates can be appointed by IFORS, according to the EURO and IFORS exchange for ESWIs.

The Scientific Committee selects and ranks (in case of more than one accepted from the same country) the candidates.

Every participant gives a well-prepared presentation of her/his paper as a starting point for discussion.

Invited experts' lectures will be included in the program, as well as tutorials and workshops conducted by the Scientific Committee.

WI-EWGT topics of interest

Main topics of interest are OR methods, mathematical models and computation algorithms to solve and support the solution of problems in the field of Transportation and Logistics.

Other related fields of main interest are:

- *land-use and transportation planning
- *traffic control and simulation models
- *traffic network equilibrium models
- *public transport planning and management
- *applications of combinatorial optimization
- *vehicle routing and scheduling
- *intelligent transportation systems
- *logistics and freight transportation
- *environment problems
- *evaluation methods.

Applicant requirements (IMPORTANT)

Who can apply?

- *PhD students at the final stage of their course (last one or two years)
- *Researchers who have less than two years research experience since completing a PhD
- *Candidates have to come from EURO member society country, or studying in a EURO member society country
- *Up to two candidates can be appointed by IFORS

What they have to submit...

1. Curriculum Vitae including information about education, research projects, awards and other pertinent experiences (pdf format)
2. A paper: applicants have to submit a single-authored or co-authored paper in the field of "Transportation and Logistics", which has not yet been published, nor accepted for publication (pdf format)
3. A motivation statement outlining your perspective and motivation to participate to the WI

How they have to submit...

The only official way to submit the application is the submission on-line form: <http://goo.gl/hh5edk>

Selection Process

The selection will be done by the Scientific Committee and applicants will receive a notification by October 15th 2016. Applicants might be asked to clarify their statement before the final decision. The admission process for candidates will focus on the quality of their scientific background as well as their interest in the fields of Transportation and Logistics. The Scientific Committee will notify the final decision by email and the selected applicants will then be announced in the official program and published on the Winter Institute's web page.

Applications

Number of places: 20

Number of grants: 20

Financial support

Grants will cover room and board costs for students.

Important dates

Call for application launch: 20th August 2016.

Deadline for applications: **30th September 2016**.

Applicants notification: 15th October 10 2016.

Final program publication: 1st December 2016.

Publication of contributions

The Organizing Committee has already received the approval from the EURO Journal on Transportation and Logistics for a special issue and will collect a selection of the papers that will be finalized during the EWI. The Scientific Committee will manage the Special Issue in order to publish the Issue no later than 6 months after the WI.

Social program

Saturday and Sunday is for joint cultural and outdoors activities. We plan a guided tour at one of the Bressanone area's impressive cultural / historical sites and sport activities such as ski, sled or racket ski in the high-alpine area (Plose).

Scheduled lessons (in progress)

Jaume Barceló

Department of Statistics and Operations Research, Universitat Politècnica de Catalunya UPC-Barcelona Tech Barcelona, Spain

1. Traffic Simulation: where we are, where we go?
2. From Smart Cities to Wise Cities

Mauro Dell'Orco

D.I.C.A.T.E.Ch. - Technical University of Bari, Bari, Italy

1. Introduction to the Fuzzy Logic. Part 1
2. Introduction to the Fuzzy Logic. Part 2

Giulio E. Cantarella

Department of Civil Engineering, University of Salerno Fisciano Campus, Salerno, Italy

1. User equilibrium in transportation networks
2. Day-to-day dynamics in transportation networks

Yuval Hadas

Department of Management, Bar-Ilan University Ramat Gan, Israel

1. Public transport spatiotemporal analysis
2. Transportation networks evacuation

Markos Papageorgiou

Department of Production Engineering and Management, Technical University of Crete, Chania, Greece

1. Freeway Traffic Control
2. Traffic Management in the Era of Vehicle Automation and Communication Systems (VACS)

Anna Sciomachen

Department of Economics and Business Studies, University of Genova, Genova, Italy

1. Facilities location in freight logistic network. Impact of externality costs
2. Fleet planning decisions in distribution networks within a Smart City framework

Walter Ukovich

Department of Engineering and Architecture, University of Trieste, Trieste, Italy

1. Cooperative logistics - H2020 projects - part 1
2. Cooperative logistics - H2020 projects - part 2

Upcoming IFORS and EURO-k Conferences

IFORS 2017

The conference will be held between 17-21 July 2017 in Québec City, the capital of the province of Québec, Canada, under the theme of "OR/Analytics for a better world". The website is available at:

<http://ifors2017.ca/>

EURO 2018

The 29th EURO-k conference will be held in Valencia, Spain, between 8th and 11th July 2018. The meeting will be held in University of Valencia and Polytechnic U. of Valencia.

EURO 2019

It was approved at the recent Council meeting that the 30th annual EURO-k conference will be held in Dublin, Ireland, between 23rd and 26th June 2019. The meeting will be held in University College Dublin (UCD).

The UK OR Society**Pro Bono O.R.**

Pro Bono O.R. is a scheme that connects volunteer O.R. analysts to short term projects with charitable organisations across the UK to assist them in making operational improvements.

To date, the scheme has completed 58 projects with organisations such as RSPCA, Diabetes UK, Childhood Trust, The Wave Trust Service and many more. We work with all types of third sector organisations ranging from large national organisations down to small community groups. We are currently working on 32 projects.

Two Pro Bono O.R. volunteers from Thales worked on a project with Diabetes UK. For a detailed presentation of the work that was carried out please click [here](#). The project has been summarised into a case study slide which can be viewed [here](#).

This is what Diabetes UK had to say at the end of the project:

'I would recommend to other charities looking for consultants to deliver operational projects that they reach out to O.R. in the first instance - securing first class consultants/volunteers who will deliver a project for free is something that no charity should overlook!'

Here's what they had to say about the volunteers:

'The team was able to pull out the key issues that were causing delays/duplication within our processes and systems and make a wide range of recommendations for us to deliver on. They were really easy to communicate with and took on board feedback from us at various stages and were dedicated to helping us achieve our goals.'

This is what they said about the difference it would make:

'We now have a raft of recommendations to deliver that will help us reduce inefficiencies in our processes. It has also highlighted areas for us to spend more time evaluating and we will now take them forward. Ultimately, this work will help us provide a better standard of supporter care to all donors across the charity.'

For more information about the scheme, to sign up as a volunteer, register your support to receive Pro Bono O.R. support and to see the projects we have worked on so far, please visit: <http://www.theorsociety.com/Pages/Probono/Probono.aspx>

You can contact the scheme coordinator, **Felicity McLeister** via email: felicity.mcleister@theorsociety.com and/or connect via one of the following social media channels:
Twitter: <https://twitter.com/FMcLeister>
LinkedIn: <https://uk.linkedin.com/in/felicityrosemcleister>
Blog: <http://probonoor.blogspot.co.uk/>

Conferences and Meetings

Tunisian Operational Research Society (TORS)
2nd Annual TORS Conference
Sousse, Tunisia, 16-18 December, 2016



<https://tors2016.sciencesconf.org/>

SCOPE AND OBJECTIVES

It is with great pleasure that we announce the second meeting organized by Tunisian Operational Research Society TORS. This society aims to share and exchange knowledge in the field of operational research and to promote collaborations and interactions between researchers and industrials. This meeting will take place in Sousse, Tunisia, on December 16-18, 2016. It covers research issues in the operational research and decision aid fields involving recent theoretical developments and real applications. The scope of TORS 2016 includes, but is not limited to:

- *Continuous, discrete and stochastic optimization,
- *Graphs and networks,
- *Simulation, Learning and Statistical methods,
- *Artificial Intelligence, Fuzzy Systems and Computing,
- *Analytics, Data Science and Data Mining,
- *Heuristics and Metaheuristics,
- *Multiple-Criteria Decision Making and Optimization,
- *Decision Analysis, Decision Support Systems, DEA and Performance Measurement,
- *Production Management and Supply Chain Management,
- *Routing, Location, Logistics and Transportation,
- *Recent applications in OR.

SUBMISSION DETAILS

All submitted abstracts (at most 500 words) should be written in English. They should clearly include: title, brief abstract, list of key-words, author(s) full name(s), affiliation(s), complete address(es), and e-mail address(es). Please state the name of the contact person. The submission should be conducted via the Submission page of the following link: <https://tors2016.sciencesconf.org/>.

PRACTICALITIES

The conference will feature parallel sessions and plenary sessions. Each contributed talk will be allocated 15 minutes up to 20 minutes, followed by a few minutes for the discussion.

IMPORTANT DATES

Submission of abstracts: **September 25, 2016.**

Acceptance notification: October 15, 2016.

Early registration: October 29, 2016.

Selected abstracts among those presented in the conference will be considered as potential full-paper publications, subject to peer reviews, in "International Journal of Operational Research" (Guest editor: Nesrine Halouani).

EURO Working Group on Network Optimization

6th edition of the Winter School on Network Optimization

Estoril, Portugal, 16-20 January, 2017

<http://NetOpt2017.fc.ul.pt>

The 6th edition of the Winter School on Network Optimization will take place at the Hotel Sana, Estoril, from the 16th to the 20th of January 2017. Its main objective is to provide an opportunity for PhD students to get together and attend high level courses in the field of Network Optimization. Non-PhD students are welcome to attend the school, but the number of participants is limited and priority will be given to PhD students. In this edition of the school, the lecturers and subjects to be addressed are:

Angel Corberan (Univ. Valencia): Arc routing problems with profits

Arie Koster (RWTH Aachen Univ.): Robust optimization for network design and energy supply problems

Gerhard Reinelt (Univ. Heidelberg): Ordering problems

Giovanni Rinaldi (IASI): Maximum weight cuts in graphs and extensions

José Valério de Carvalho (Univ. Minho): Dual feasible functions to construct fast lower bounds

Since the first edition in 2009, the school has been part of the activities of the CIO (Centro de Investigação Operacional) University of Lisbon as well as of the ENOG (European Network Optimization Group).

CIO has been merged with the Centro de Matemática e Aplicações Fundamentais (CMAF). Since the 5th edition the event is part of the activities of the new CMAFCIO and is also endorsed by EURO (the Association of European Societies) and APDIO (the Portuguese OR society).



EURO Working Group on Network Optimization

8th International Network Optimization Conference (INOC2017)

Lisbon, Portugal, 26-28 February, 2017



<http://inoc2017.fc.ul.pt?>

The 8th International Network Optimization Conference will take place in Lisbon, Portugal, February 26-28, 2017. The aim of this conference is to provide researchers from different areas of Operations Research, with the opportunity to present and discuss their results and research on the field of Network Optimization in an inspiring and bridge building environment where fruitful ideas may flow freely.

In this edition, the keynote speakers are:

W. Cook, University of Waterloo (Canada)
A. Martin, Friedrich-Alexander-Universität (Germany)
R. Möhring, TU Berlin (Germany)
A. Schrijver, Univ. of Amsterdam (The Netherlands)

The authors are invited to submit their papers describing original, previously unpublished research results and not currently under review. There are two types of submission: full papers (8-10 pages) and extended abstracts (1-2 pages). Accepted full papers and extended abstracts will be available in the conference material. Accepted full papers will be published in the Electronic Notes in Discrete Mathematics (ENDM), Elsevier. There will be a special issue of the Networks journal, Wiley, associated with the conference.

The important dates are:

ENDM paper submission deadline: **October 31, 2016**
Paper submission deadline: January 20, 2017
Acceptance Notification: January 25, 2017
Early Registration: January 31, 2017

INOC is the conference of the European Network Optimization Group (ENOG), a working group of EURO and the previous editions were held in Warsaw (2015), Tenerife (2013), Hamburg (2011), Pisa (2009), Spa (2007), Lisboa (2005) and Paris (2003). The conference is also part of the activities of the CMAFCIO (the Centro de Matemática e Aplicações Fundamentais e Centro de Investigação Operacional), University of Lisbon.

Workshop on Macroeconomic Energy Systems Modeling and Optimization

Prague, Czech Republic, 21-23 September, 2016

<http://www.energy-workshop.cz/>

held in conjunction with the Energy Day 2016 and working group meetings of the COST Action TD1207 on Mathematical Optimization for Efficient and Robust Energy Networks

Topics

The expert workshop intends to investigate new computing approaches to massively improve the computation times of today's energy system models (ESMs) to cope with their increasing complexity.

Quantitative ESMs based on mathematical optimization provide a basis to answer political, technical, and economic questions regarding the future development of energy networks. The decentralization of power supply and volatile generation of renewable energy have created increased demand for more complex technical and economic systems to control production, storage, and distribution of energy. As a result, today's state-of-the-art ESMs come with a high temporal, spatial, and technological level of detail and result in optimization problems (mostly linear and mixed-integer linear programs) that often cannot be solved satisfactorily with state-of-the-art optimization software.

This workshop is devoted to advances both in models and solution algorithms by linking energy system modeling, operation research, and computer science. The event is highly interdisciplinary and brings together experts from the fields of:

- *energy economics
- *energy system modelling
- *mathematics
- *operations research
- *computer science and high performance computing
- *energy providers and operators

Contributed Talks

If you are interested in presenting your work at the workshop please contact one of the program organizers: Ambros Gleixner, Mathematical Optimization Methods, Zuse Institute Berlin <gleixner@zib.de> Frieder Borggrefe, Systemanalyse und Technikbewertung, DLR <frieder.borggrefe@dlr.de>

Further Program

On September 22, the "Energy Day 2016" will include industry participation, round table discussions, and plenary lectures by

- *Berit Mueller (Reiner Lemoine Institut, OpenMod)
- *Alena Drabova (President of the state office for nuclear safety in the Czech Republic)
- *Filip Prochazka (Masaryk University, Brno, and director of MycroftMind).

3rd International Conference on Industrial Engineering & Sustainable Management (IESM'16)

Isfahan, Iran, 13-15 December, 2016

<http://www.iesm.ir>

The Conference is organized by Department of Industrial Engineering, Islamic Azad University, Lenjan Branch. IESM'16 will be an international forum for discussions on recent theoretical and methodological developments, significant technical applications, case studies and survey results in the areas of Industrial Engineering and Sustainable Management.

Important Dates:

Final Manuscript Submission **2016-10-16**

First Round of Review 2016-10-31

Revised Paper Submission Due 2016-11-15

Final Decision on Papers 2016-11-20

Early Bird Registration 2016-11-21

Late Registration 2016-12-05

Papers:

The papers, up to 10 pages, are to be written in MS Word. Submissions must be original and not published elsewhere. The submissions will be peer reviewed by members of the program committee. The authors of accepted papers will have to improve their paper on the basis of the reviewer's comments and will be asked to send a camera ready version of their manuscripts. The reviewing process will be double-blind, please omit information about the authors in the submitted paper. It is assumed that one participant will present no more than one talk.

Awards:

The International Advisory Committee will select the best presented papers for two distinctions: (1) The Best Student Paper Award, (2) The Best Senior Paper Award. The names of the winners will be announced during the closing ceremony of the conference. Moreover, a contest will be held for the best PhD and MSc. dissertations/thesis with the sustainability-related subjects. The dissertation/thesis must be successfully defended during the last three years. The 1st prize will include a travel allowance (transportation, accommodation, and foods) to Isfahan worth 500 USD. Other selected dissertation/thesis will be rewarded in the closing ceremony of the conference. The due date to submit the abstracts is 22 September 2016. The Contest starts on October 22, 2016 and closes on November, 5 2016. The results will be announced before November 20, 2016.

EMO 2017 (9th International Conference on Evolutionary Multi-Criterion Optimization)

Münster, Germany, 19-22 March, 2017

<http://www.emo2017.org>

EMO 2017 is the 9th International Conference on Evolutionary Multi-Criterion Optimization, aiming to continue the success of previous EMO conferences. We will bring together both the EMO and the multiple criteria decision making (MCDM) communities and moreover focus on solving real-world problems in government, business and industry. The classical EMO format will be supplemented by an EMO competition.

Following the tradition of the EMO community, the conference will be in single session format, with papers provided as either oral or as poster presentations.

We aim to discuss all aspects of EMO development and deployment.

Important Dates:

Full paper submission (15 pages, Springer style) due: **October 1, 2016**

Notification of acceptance: December 1, 2016

Final paper submission due: December 23, 2016

Conference date: March 19-22, 2017

LION11, the 11th Learning and Intelligent Optimization Conference Nizhny Novgorod, Russia, 19-21 June, 2017

<http://intelligent-optimization.org/lion11/>

LION11 explores the intersections and uncharted territories between machine learning, artificial intelligence, mathematical programming and algorithms for hard optimization problems. In addition to scientific papers:

- *Contests in continuous and discrete optimization.
- *Sessions dedicated to commercial software and open source initiatives.
- *Parallel computing, supercomputing, and cloud for "big optimization".
- *Elevator pitches about new and crazy ideas (also by PhD students).
- *Tutorials about methods and software.

Conference proceedings published by Springer-Verlag. Colocated with Net2017, which takes place on the following dates: June 22-23-24, 2017.

Paper submission deadline: **Dec 10, 2016** .

pdf flyer: <http://intelligent-optimization.org/lion11/downloads/lion11-cfp.pdf>

Publications

European Journal of Operational Research (EJOR)



Special Issue: Call for Papers on OR Applied to Humanitarian Operations

Guest Editors:

Luk N. Van Wassenhove, Alfonso Pedraza Martinez and Maria Besiou

Deadline for submission: **October 31, 2016**

Background

Following the 2004 Indian Ocean tsunami, the world has witnessed devastating pandemics, natural and man-made disasters like the Haiti earthquake (2010), typhoon Haiyan (2013), the Ebola pandemic in West Africa (2014), the Nepal earthquake (2015), the war in Syria and the current on-going refugee crisis. Disasters like these put a lot of strain on the humanitarian system. According to the United Nations Office for the Coordination of Humanitarian Affairs (OCHA) more than \$19 billion was raised in donations in 2015, but the needs were much higher.

Humanitarian organisations (HOs) operate in environments with high uncertainty not necessarily knowing where their next operations will be or what the needs of the beneficiaries will turn out to be. Besides the operational challenges created by this uncertainty, HOs are accountable to donors, who provide funding for disaster response and development programmes, and they are also accountable to the beneficiaries and the international community. They often have to work with the military, the local government and commercial companies to be able to respond to the beneficiaries' needs. All these stakeholders that comprise the humanitarian system do not all share the same objectives. The operational budgets of the HOs are often tightly constrained and so is the pool of skilled humanitarian aid workers that can operate in such environments.

Objective of the Special Issue

Operating under uncertainty, with severe constraints and in an unfamiliar context characterised by stakeholders with conflicting goals, are characteristics of the complex dynamic humanitarian system. OR models and methodologies are certainly of great potential value here. Many researchers looking for interesting problems for analytical modelling have delved into the world of humanitarian operations. However, the models suggested, while being methodologically rigorous have frequently lacked solid anchoring in reality. This has obviously limited their practical relevance.

The objective of this special issue is to publish rigorous research that is well-grounded in practical foundation, for example by using real data, assumptions that are convincingly grounded in reality, looking for solutions to specific problems that the humanitarian system is facing, discussing how the results are validated and can be used in the field.

We are particularly interested in papers that develop conceptual and OR models studying the complexity humanitarian operations are facing. We also welcome methodological and more abstract research provided it is clearly motivated by a practical problem.

The studies should be anchored in practice and clearly discuss how they can be used in the field, preferably by showing evidence of interaction with humanitarian practitioners. Papers should explicitly describe the problem context justifying the data used.

We are looking for rigorous studies that present relevant and original work in humanitarian aid, welcoming different disciplines and methodologies. To fit the mission of the special issue, the papers should have a solid practical foundation and should fit in one or more of the following categories:

1. Papers well-grounded in practical foundation that manage to go beyond applications of existing methods by showing

how the special context of humanitarian operations requires a different approach from a pure commercial OR application.

2. Empirically-grounded analytical modelling papers.
3. Papers that use multiple methods for triangulation purposes, such as case studies, interviews, etc.
4. Multidisciplinary papers that have a solid practical foundation.

Authors should explicitly indicate which category or categories they fit. Papers that do not fit the special issue will not be invited to continue the review process. We will seek the participation of practitioners to confirm that the papers are looking for solutions to specific problems that the humanitarian system is facing, that their assumptions are convincingly grounded in reality, and the results can be used in the field.

Paper Submission

Papers should be submitted following EJOR submission guidelines. The submission website for this journal is located at: <http://ees.elsevier.com/ejor>. To ensure that all manuscripts are correctly identified for inclusion into the special issue, it is important that authors select "**SI: Humanitarian Operations**" when they reach the "Article Type" step in the submission process.

Operations Research for Health Care



Special Issue: Call for Papers - 28th European Conference on Operational Research EURO 2016 New Advances in Health Care Applications

Guest Editors:
Inês Marques, Jeroen Beliën, and Rosita Guido

Deadline for submission: **October 1, 2016**

<http://www.journals.elsevier.com/operations-research-for-health-care/call-for-papers/call-for-papers-28th-european-conference-on-operational-rese>

The special issue for the 28th European Conference on Operational Research (EURO) 2016 held in Poznan, Poland, is aiming at collecting high quality papers focused on "New Advances in Health Care Applications". Researchers and practitioners that develop and use operations research in health care are invited to submit their work to be published in this special issue.

We encourage contributions with new trends and advances related to typical problem areas of health care such as:

- *Public Health Policy
- *Performance Evaluation
- *Screening and Prevention
- *Health Care Logistics and Supply Chain
- *Health Care Resource and Capacity Planning
- *Location Problems in Health Care
- *Health Care Delivery
- *Workforce Scheduling
- *Patient and Appointment Scheduling
- *Operating Room Planning and Scheduling
- *Modeling Length of Stay
- *Emergency Department Modeling
- *Modeling and Optimizing in Emergency Medical Systems
- *Home Care and Long Term Care
- *Disease Modeling and Policy
- *Cancer Treatment Planning
- *Modeling Infectious Diseases

We invite researchers to submit their work to this special issue as an opportunity for publishing in a high quality journal. Submitted papers should fulfill the scope of Operations Research for Health Care (ORHC) as written on the [journal's homepage](#) (a guide for authors is available [here](#)).

Submissions

Please submit your full papers for ORHC through <http://ees.elsevier.com/orhc/>

Select the article type option for special issue from the drop down menu "**Special Issue: EURO 2016**".

Deadline for special issue submissions is **October 1, 2016**. The targeted date for publication is August 2017.

ISCO 2016 - 4th International Symposium on Combinatorial Optimization. Special Issues.



Networks

Guest Editors:

Francesco Carrabs, Raffaele Cerulli, Monica Gentili

Deadline for submission: **October 1, 2016**

We invite submissions of novel research articles for a forthcoming issue of Networks. The special issue is also open to papers which have not been presented at ISCO 2016.

High quality research papers are solicited to address theoretical as well as practical issues of Combinatorial Optimization of a theoretical or practical nature involving graphs.

Topics of interest include, but are not limited to:

- *Approximation algorithms
- *Graph coloring
- *Exact algorithms
- *Graph and network algorithms
- *Computational complexity
- *Network flow theory
- *Location theory
- *Vehicle routing
- *Fast algorithms for special graph classes
- *Scheduling algorithms

Submission Manuscripts should be submitted electronically to the following address:

specialissuenetworks@gmail.com

Research articles, review articles as well as communications are invited. Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere (except conference proceedings papers). All manuscripts are refereed through a peer-review process.



Journal of Combinatorial Optimization

Guest Editors:

Satoru Fujishige, A. Ridha Mahjoub, Franz Rendl

Deadline for submission: **October 1, 2016**

We invite submissions of novel research articles for a forthcoming issue of Journal of Combinatorial Optimization on Combinatorial Optimization. The special issue is also open to papers which have not been presented at ISCO 2016.

High quality research papers are solicited to address theoretical as well as practical issues of Combinatorial Optimization.

Topics of interest include, but are not limited to:

- *Approximation algorithms
- *Cutting-plane algorithms
- *Polyhedral combinatorics
- *Branch-and-cut-and-price algorithms
- *Graph and network algorithms
- *Linear and nonlinear (mixed-)integer programming
- *Computational complexity
- *Randomized algorithms
- *Scheduling algorithms
- *Interior point methods

For their submissions, the authors should follow the "Instructions for Authors" of the journal website

<https://www.editorialmanager.com/joco/default.aspx>. The article type for this issue is "**S.I. : ISCO2016**" and selecting this article type will ensure that the submission is sent to the editors of the special issue.

Information about Journal of Combinatorial Optimization is available at <http://link.springer.com/journal/10878>

OR Spectrum



Special Issue: Call for Papers on Rail Terminal Operations

Guest Editors:

Nils Boysen, Dirk Briskorn, Sigrid Knust

Extended Deadline for submission: **October 31, 2016**

Strengthening the railway system is among the top priority issues of many national authorities. Rail transportation relieves the often overloaded road networks and is preferred on the basis of its reduced environmental impact. An important driver to increase the attractiveness of the railway system is to establish more efficient train handling processes in existing railway terminals, e.g., by employing suitable optimization approaches and decision support systems.

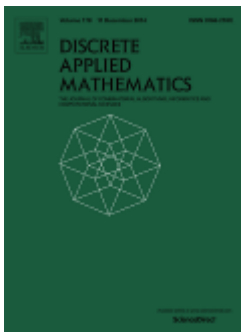
The special issue on "rail terminal operations" covers all kinds of freight and passenger rail terminals, i.e., traditional shunting yards, intermodal railroad terminals, modern rail-rail transshipment yards, rail terminals in seaports, depots for rolling stock, and (last but not least) conventional railway stations for passenger trains. We invite researchers and practitioners to contribute to this special issue by submitting papers on the development and application of quantitative approaches for planning the operations in rail terminals. While the main focus is on operational scheduling problems, also papers on long-term problems such as layout issues are welcome, if rigorously tackled with quantitative approaches.

The topics of special interest include, but are not limited to the following:

- *train assembly in shunting yards
- *load planning of freight trains
- *gantry crane scheduling
- *scheduling container delivery processes with trucks
- *planning of intermediate container storage
- *overnight storage of railcars in depots
- *assignment of passenger trains to platforms

All papers submitted to this special issue should report original work and will be peer reviewed according to the standard of OR Spectrum. According to the politics of OR Spectrum, high quality OR papers are wanted that are relevant to the scope of the journal, rigor in applying state-of-the-art OR techniques, innovative, and promising to have an impact on future work of the scientific OR community.

Discrete Applied Mathematics



Special Issue: Call for Papers on Computational Advances in Combinatorial Optimization

Guest Editors:

Tibor Jordán, Tamás Kís, Silvano Martello

Extended Deadline for submission: **November 30, 2016**

This special issue will present recent advances in all areas of Combinatorial Optimization. The issue will be based on contributions presented at ECCO XXIX (Budapest, May 26-28, 2016), but the invitation to submit is extended to all ECCO and CO members.

Main topics of interest are (but not restricted to):

- *Approximation algorithms
- *Exact algorithms
- *Graphs and networks
- *Heuristics
- *Mathematical programming
- *Metaheuristics
- *Scheduling

All articles will be thoroughly refereed according to the high standards of Discrete Applied Mathematics.

The full papers must be submitted through the Elsevier Editorial System <http://ees.elsevier.com/dam>. When submitting your paper, be sure to specify that the paper is a contribution for the Special Issue of ECCO-CO, so that your paper is assigned to the guest editors. Please see the Author Instructions on the site if you have not yet submitted a

paper through this web-based system. Be sure to note that your work is intended for the Special Issue and to select the article type Special Issue: **SI: ECCO2016**.

Accepted papers will be published online individually, before print publication.

We are looking forward to receiving your contribution.

Journal of Dynamics and Games



Special Issue: Call for Papers dedicated to Hellenic-Latin meetings on Mathematical Economics

Guest Editors:

Elvio Accinelli, Alberto A. Álvarez-López, Onésimo Hernández-Lerma, Carlos Hervés Beloso, Alejandro Neme, Bruno Oliveira, Alberto Pinto, Athanasios Yannacopoulos, Jorge Zubelli

Deadline for submission: **September 30, 2016**

Following the 4th International Conference Dynamics, Games and Science, - Decision models in a complex economy, held last June 14-17, at Universidad Nacional de Educación a Distancia (UNED), Madrid, Spain, the organizers are proud to present a forthcoming special issue of the Journal of Dynamics and Games (JDG) dedicated to the Hellenic-Latin meetings on Mathematical Economics (JDG special issue on Hellenic-Latin meetings II), published by the American Institute of Mathematical Sciences (AIMS).

The Journal of Dynamics and Games is an applied mathematics journal that publishes high quality peer-review and expository papers at the interface of Dynamical Systems (discrete, continuous, deterministic, or stochastic) and Game Theory.

It is devoted to the development and the diffusion of mathematical ideas and techniques that arise from the analysis and the modelling of systems where agents (whether they be rational players, markets, plants, animals, ecosystems, communication systems, etc) interact dynamically over time.

Papers should either be motivated by challenging mathematical questions occurring in such systems or provide a rigorous mathematical analysis of models where tools from dynamics and games prove to be useful.

Areas covered include dynamic games, stochastic games, differential games, evolutionary games, models of learning and evolution, repeated games, mean field models, voting, auctions, matching, assignment games and other research areas of cooperative and non-cooperative game theory, preferentially where dynamics play a role, as well as the associated applications in social, economic, life, physical and computer sciences.

Given the broad scope of the journal, authors are encouraged to include introductory material to make the papers understandable and accessible to a wide readership. The research work must be original and the main criterion for acceptance is the scientific relevance and impact of the contribution.

Please contact:

Alberto A. Álvarez-López (UNED, Spain): aalvarez@cee.uned.es

Alberto Pinto(U.Porto): aapinto@fc.up.pt

Mathematical Programming Series B



Special Issue: Call for Papers on Topics in Stochastic Programming

Guest Editors:

Tito Homem-de-Mello, Milos Kopa, David Morton

Deadline for submission: **January 15, 2017**

Stochastic optimization has seen recent advances with far-reaching impact involving risk measures, connections between robust optimization and stochastic programming, and applications in areas ranging from energy and natural resources to economics and finance to statistical and machine learning. Mathematical Programming, Series B invites submissions of manuscripts to a special issue on stochastic programming with a focus on distributionally robust optimization; scenario generation and reduction; and, stability of stochastic programs, stress testing, and further output

analysis. Of particular interest are manuscripts on these ideas using multi-stage stochastic programming, employing risk measures, or involving important applications. The special issue will be dedicated to Jitka Dupacova, one of the founders of stochastic programming whose deep contributions continue to influence the state of the field today.

All submissions will be reviewed according to the standards of Mathematical Programming, Series A. Please submit all manuscripts using the Mathematical Programming style files with a maximum of 25 pages. See <ftp://ftp.springer.de/pub/tex/latex/svjour3/global.zip> for the LaTeX macro package.

The deadline for submission of full papers is **January 15, 2017** with first-round reviews expected to be completed by July 15, 2017.

Authors should submit their manuscripts via <http://www.editorialmanager.com/mapr/> and select Jong-Shi Pang as the handling editor for consideration in this special issue.

Competitions, Prizes and Awards

Orbel Wolsey Award

<http://www.n-side.com/wolsey-award/>

Best OR related open-source implementation

What will you do with all your implementation work after your PhD?

All too often, high-quality OR implementations (algorithms, heuristics, routines,...) are discarded as soon as their author leaves the academic world.

The ORBEL Wolsey Award has been created to support the student or PhD who wants to share his work with the community. It will reward the author of the best and most significant OR implementation contributed to Open-Source during the year.

Be proud of your work, share it, be recognised for it!
And you can possibly win a prize money of 1000€ !

Important dates:

- ***October 15, 2016** - Deadline for submission
- *December 15, 2016 - Results notification to participants
- *February 2017 - ORBEL Conference and Award Ceremony.



2017 Franz Edelman Award



<https://www.informs.org/Recognize-Excellence/Franz-Edelman-Award/Application-Process>

Each year the best examples of OR/MS and advanced analytics are given the opportunity to compete for the prestigious Franz Edelman Award. This annual award highlights the significant, verifiable, and quantifiable impact that enhances the field in practice.

We encourage you to submit your work and compete for an opportunity to add your organization to this impressive roster of excellence spanning more than 40 years.

The purpose of the Edelman competition is to bring forward, recognize, and reward outstanding examples of operations research, management science, and advanced analytics in practice. The prize is awarded for implemented work, not for a submitted paper or for the presentation describing the work. The client organization that uses the winning work receives a prize citation and is inducted into the Edelman Academy. The authors of the winning work receive a cash award and are designated as Edelman Laureates. All finalists receive the opportunity to publish their papers in INFORMS' prestigious journal, Interfaces.

Submission Deadline is **October 19, 2016**.

Upcoming Conferences

Event Date	Event	Location	Submission Deadline
6th-8th September 2016	OR58	Portsmouth, UK	14th July 2016

6th-9th September 2016	AIRO 2016	Trieste, Italy	21st May 2016
7th-9th September 2016	6th International Conference on Transportation and Logistics (T-LOG 2016)	Hsinchu, Taiwan	31st January 2016
7th-9th September 2016	7th International Conference on Computational Logistics (ICCL'16)	Lisbon, Portugal	15th April 2016
12th-14th September 2016	UCLID 2016: Workshop on Big Data and Data Science	Lancaster, UK	1st September 2016
14th-16th September 2016	23rd EURO Working Group on Locational Analysis meeting	Malaga, Spain	15th May 2016
17th-18th September 2016	PPSN 2016 WORKSHOP - Natural Computing in Scheduling and Timetabling	Edinburgh, Scotland	20th June 2016
19th-22nd September 2016	DMO 2016 - International Conference on Decision Making and Optimization	Athens OH, USA	30th April 2016
19th-22nd September 2016	Algorithmic Optimization Autumn School	Trier, Germany	21st August 2016
19th-23rd September 2016	DOOR-2016 (International Conference on Discrete Optimization and Operations Research)	Vladivostok, Russia	3rd May 2016
19th-23rd/26th-30th September 2016	Summer School on Analytics for the Public Sector	Colchester, UK	
19th-23rd September 2016	122 ESGI (EUROPEAN STUDY GROUP WITH INDUSTRY)	Santiago de Compostela, Spain	15th September 2016
21st-23rd September 2016	Workshop on Macroeconomic Energy Systems Modeling and Optimization	Prague, Czech Republic	
22nd-24th September 2016	84th Meeting of the EWG-MCDA (MCDA 84)	Vienna, Austria	17th June 2016
27th-29th September 2016	16th International Conference on Operational Research (KOI 2016)	Osijek, Croatia	24th July 2016
2nd-6th October 2016	XVIII CLAIO, the Latin-Iberian-American Conference on Operations Research	Santiago, Chile	7th April 2016
3rd-5th October 2016	ICVNS'16 - 4th International Conference on Variable Neighborhood Search	Malaga, Spain	1st June 2016
5th-6th October 2016	European Decision Professionals Network (EDPN 2016)	Copenhagen, Denmark	15th March 2016
5th-7th October 2016	International Workshop on Multicriteria Decision Making & Applications in Enterprise Information Systems	Porto, Portugal	18th April 2016
12th-13th October 2016	Middle-European Conference on Applied Theoretical Computer Science (MATCOS)	Ljubljana, Slovenia	29th August 2016
13th-14th October 2016	MODEST Workshop	Warsaw, Poland	20th May 2016

27th-28th October 2016	Workshop on "Optimization challenges in the evolution of energy networks to smart grids"	Coimbra, Portugal	9th September 2016
27th-31st October 2016	META'2016 International Conference on Metaheuristics and Nature Inspired Computing	Marrakech, Morocco	5th June 2016
7th-8th November 2016	EURO Mini Conference DA2PL'2016 (From Multiple Criteria Decision Aid to Preference Learning)	Paderborn, Germany	22nd August 2016
11th-12th November 2016	First EAI International Conference on Computer Science and Engineering	Penang, Malaysia	15th April 2016
13th-16th November 2016	INFORMS Annual Meeting	Nashville, USA	15th May 2016
5th-7th December 2016	2016 IEEE International Conference on Industrial Engineering and Engineering Management	Bali, Indonesia	15th June 2016
6th-8th December 2016	ICAMIS 2016 - International Conference on Applied Mechanics and Industrial Systems	Muscat, Oman	20th June 2016
6th-9th December 2016	2016 IEEE Symposium on Computational Intelligence in Multicriteria Decision-Making	Athens, Greece	15th August 2016
11th-14th December 2016	Winter Simulation Conference (WSC) 2016	Virginia, USA	6th April 2016
12th-16th December 2016	40ACCMCC: The 40th Australasian Conference on Combinatorial Mathematics & Combinatorial Computing	Newcastle, Australia	18th November 2016
13th-15th December 2016	3rd International Conference on industrial Engineering & Sustainable Management (IESM'16)	Isfahan, Iran	16th October 2016
15th-16th December 2016	26th Workshop on Information Technology and Systems (WITS 2016)	Dublin, Ireland	22nd August 2016
16th-18th December 2016	The second Tunisian Operational Research Society (TORS) annual conference	Sousse, Tunisia	25th September 2016
4th-7th January 2017	Machine Learning and Network Analytics in Finance Minitrack	Hawaii, USA	15th June 2016
15th-17th January 2017	2017 INFORMS Computing Society Conference	Austin, USA	1st July 2016
16th-20th January 2017	6th Edition of Winter School on Network Optimization (netopt2017)	Estoril, Portugal	31st October 2016
14th-23rd February 2017	2017 EURO Winter Institute on "Methods and Models in Transportation Problems". (2017 WI- EWGT)	Bressanone, Italy	30th September 2016
19th-24th February 2017	EUROCAST 2017 Workshop on Theory and Applications of Metaheuristic Algorithms	Canary Islands, Spain	31st October 2016
26th-28th February 2017	8th International Network Optimization Conference (INOC2017)	Lisbon, Portugal	20th January 2017
19th-22nd March 2017	EMO 2017 (9th International Conference on Evolutionary Multi- Criterion Optimization)	Münster, Germany	1st October 2016
4th-6th April 2017	UK OR Society Young OR Conference	London, UK	

5th-7th April 2017	7th ICROR RailLille 2017	Lille, France	1st August 2016
20th-21st April 2017	IMA and OR Society Conference on Mathematics of Operational Research	Birmingham, UK	
4th-6th May 2017	Joint EURO/ORSC/ECCO International Conference 2017 on Combinatorial Optimization	Koper, Slovenia	
26th-28th May 2017	10th International Conference on Algorithms and Complexity (CIAC)	Athens, Greece	4th November 2016
4th-7th June 2017	Metaheuristics International Conference (MIC 2017)	Barcelona, Spain	23rd January 2017
19th-21st June 2017	LION11, the 11th Learning and Intelligent Optimization Conference	Nizhny Novgorod, Russia	10th December 2016
19th-22nd June 2017	Workshop in Mixed Integer Programming (MIP 2017)	Québec, Canada	
26th-28th June 2017	IPCO XIX	Ontario, Canada	20th November 2016
26th-29th June 2017	15th International Conference on Data Envelopment Analysis. DEA2017.	Prague, Czech Republic	31st January 2017
12th-14th July 2017	EUROPT 2017	Montréal, Canada	
17th-21st July 2017	IFORS 2017	Québec, Canada	10th February 2017
26th-29th July 2017	INFORMS Transportation and Logistics Society. First Triennial Conference.	Chicago, USA	15th December 2016
6th-8th September 2017	Optimization 2017	Lisbon, Portugal	15th May 2017
6th-8th September 2017	OR 2017 International Annual Meeting of the German OR Society (GOR)	Berlin, Germany	
25th-27th October 2017	ADT 2017 -- 5th International Conference on Algorithmic Decision Theory	Luxembourg	9th April 2017

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