



THE ASSOCIATION OF
EUROPEAN OPERATIONAL
RESEARCH SOCIETIES

EURO Newsletter # 70
April 18, 2019

Visit our Website



We welcome submissions to the following journals published by EURO.

European Journal of Operational Research (EJOR), published by Elsevier. Created as an independent journal in 1976, EJOR became a EURO journal in 1990. Its coordinating Editor is Roman Slowinski.

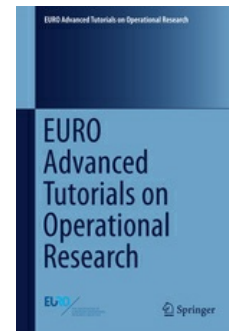
EURO Journal on Computational Optimization (EJCO), published by Springer. It was officially launched in 2011. Its Editor in Chief is Martine Labbé.

EURO Journal on Decision Processes (EDDP), published by Springer. It was officially launched in 2011. Its Editor in Chief is Vincent Mousseau.

EURO Journal on Transportation and Logistics (EJTL), published by Springer. It was officially launched in 2011. Its Editor in Chief is Michel Bierlaire.

We now have 9 **tutorials** published in the series of EURO Advanced Tutorials. Please take a look at our titles:

- ***Nonlinear Programming Techniques for Equilibria**
- ***Analytical Techniques in the Assessment of Credit Risk**
- ***Traffic Flow Modelling**
- ***Supply Chain Finance**
- ***Metaheuristics for Business Analytics**
- ***Compact Extended Linear Programming Models**
- ***Multiobjective Linear and Integer Programming**
- ***Dual-Feasible Functions for Integer Programming and Combinatorial Optimization**
- ***Linear and Mixed Integer Programming for Portfolio Optimization**



Series Editors

- M. Grazia Speranza, Dipartimento de Economia e management. Università di Brescia. Italy. (e-mail: grazia.speranza@unibs.it)
- José Fernando Oliveira, Faculdade de Engenharia. Universidade do Porto, Portugal. (e-mail: jfo@fe.up.pt)

Please contact the editors for more information or to submit ideas for topics.

It is important to include reminders about particular EURO events and publications as the deadlines approach but these will now be shaded slightly so that regular readers can more easily see the new items.

Special Announcements



EURO2019, 24-26 June, Room Q106

Making an Impact Stream: Call for Expressions of Interest in presenting Lightning Talks



The EWG-POR is again running 'Making an Impact' as a full 12-session stream aimed at helping people involved in applying OR in practice to share their experiences and do a better job. Everybody who is interested in getting OR to make a difference in the real world is welcome. Day 1 activities and talks are aimed at promoting active interaction between all who are interested; Day 2 focus on practice and industry, and Day 3 on panels, tutorials and workshops including a keynote panel on 'How OR can save the world'. (Timing is provisional and depends on final schedule.)

Session 2 on Day 1 will consist of 'Lightning Talks'. At a EURO conference there is an enormous amount of interesting material, and any one person can only see a small fraction of it. This session will help boost that fraction. Each presenter will have just 5 minutes to present a lightning talk: a maximum of 20 slides at 15 seconds per slide. This will be an opportunity for you to get a bigger audience for your key ideas and for the audience to get a wide variety of fast-moving and stimulating talks. The topic may be the same as your talk in your own stream, or different; but it must be something that is likely to be of interest to a broad audience. The session was trialled for the first time at EURO2018, and we had excellent feedback from participants who found it a stimulating and enthusing session. If you are interested in giving a lightning talk, please contact ruth.kaufman@btinternet.com by **Friday 10 May**.

EURO Mini Conference

Modeling & Simulation of Social-Behavioral Phenomena in Creative Societies (MSBC-2019)



Vilnius, Lithuania, 18-20 September, 2019

[Website](#)

If you are interested in applications of computational methods in social science, we kindly invite you to take part in the International Conference and EURO Mini Conference "Modeling & Simulation of Social-Behavioral Phenomena in Creative Societies" (MSBC-2019).

Participants will have opportunities to meet leading experts in modeling and simulation of social-behavioral phenomena as well as to submit articles to top-rated journals:

- * EURO Journal on Decision Processes;
- * Central European Journal of Operational Research;
- * Creativity Studies.

Important Dates

Deadline for invited session's proposals: April 18, 2019

Deadline for abstract submission: **May 5, 2019**

Paper submission for proceedings: May 20, 2019

Paper acceptance notification: June 25, 2019

IFORS Developing Countries OR Resources Website



Website

The aim of the Developing Countries On-Line Resources page is to offer the OR worker all publicly-available materials on the topic of Operations Research for Development. It also aims to provide a venue for people who are working in the area to share their completed or in-process work, learn from others, and stimulate comments and discussions on the work. The IFORS activity links with that of the EURO Working Group on OR for Development. This has been a classical connection reflected both in and around all our last EURO and IFORS conferences.

And ("free", not prevented by copyright, etc.) submissions to IFORS DC online resources by EURO friends are very much welcome, especially.

Conferences, Schools and Meetings

EU/ME EURO working group on Metaheuristics

EU/MEeting 2019

Oslo, Norway, 15-16 May, 2019



Website

The 20th EU/ME workshop on metaheuristics will take place in Oslo, Norway, on May 15th and 16th, 2019. This workshop aims to bring together both researchers and practitioners, from all over the world, interested in discussing the latest advances in optimization using metaheuristics.

This edition will be hosted by the **Optimization Group**, at the Department of Mathematics & Cybernetics, at SINTEF Digital.

The event is free of charge, but early **registration** is kindly requested. If you are interested in giving a presentation at the workshop, please **submit an abstract**.

Important dates

April 30th - Deadline for abstract submission

May 5th - Notification of acceptance

May 15th and 16th - EU/MEeting 2019

May 17th - Norway's national day

EWG ENOG, EURO working group on Network Optimization

INOC 2019 International Network Optimization Conference

Avignon, France, 12-14 June, 2019



Website

Submission: <https://easychair.org/conferences/?conf=inoc2019>

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 in the field of Network Optimization, in an inspiring and bridge building environment where fruitful ideas may flow freely.

KEYNOTE SPEAKERS

Pascal Van Hentenryck, University of Michigan (USA)

Hande Yaman, Bilkent University (Turkey)

Rico Zenklusen, ETH (Switzerland)

IMPORTANT DATES

EWG BOR, EURO working group on Behavioural OR



2nd Behavioural OR Summer School

Nijmegen, The Netherlands, 17-21 June, 2019

[Website](#)

Increasingly, OR practitioners and researchers recognize that building technically correct and valid models is not enough. In order to have impact in real-world settings, modellers need to consider how their work relates to human behaviour. In practice as well as published research, more and more attention is paid to whether and how results of OR projects are implemented. Behavioural OR studies the relation between OR modelling and behaviour, including both how OR impacts behaviour and how human behaviour influences and is captured in OR practice.

If you are an early stage researcher interested in BOR, this Summer School is for you.

Registration fee is € 100,- which covers participation as well as coffee and tea breaks.

The application deadline is **15 May**.

ECMI Postgraduate / VI Iberian / NeEDS Modelling Week

Seville, Spain, 7-13 July, 2019

[Website](#)

The week is co-organized by the European Consortium for Mathematics and Industry (<https://ecmiindmath.org/>), the Spanish Network for Mathematics-Industry (<http://www.math-in.net/?q=en>), the Portuguese Network of Mathematics for Industry and Innovation (<https://www.spm.pt/PT-MATHS-IN/>), and the H2020-MSCA-RISE NeEDS project (<http://www.riseneeds.eu/>), and takes part of the satellite meetings to the 9th International Congress on Industrial and Applied Mathematics <https://iciam2019.org/> (July 15th-19th, 2019, Valencia, Spain).

The format of the Modelling Week is to spend one week working to solve real problems that can be tackled through mathematical modelling. Small groups of multinational Master students, Ph.D. students and junior researchers (like post-doctoral students) will be assigned to each problem in term of their preference and own skills on the first day of the event after the presentation of the problems. An instructor, (that must be an expert in the area, of the proposed problem) leads each of these groups. During the following four days students will work on solving the problems under the guidance of the instructor and industrial collaborators. The last day of the meeting will be devoted to the presentation of the results, which will be collected in the proceedings of the event.

To register for this modelling week, please follow the link

<http://gestioneventos.us.es/22663/section/15646/ecmi-postgraduate-vi-iberian-needs-modelling-week.html>

For information on competitive financial support, please follow the link

<http://gestioneventos.us.es/22663/section/16752/ecmi-postgraduate-vi-iberian-needs-modelling-week.html>

6th World Congress on Global Optimization (WCGO)

Metz, France, 8-10 July, 2019

[Website](#)

WCGO 2019 will bring together the leading specialists in both theoretical and computational aspects as well as applications of Nonconvex Programming and Global Optimization, highlight recent advances, trends, challenges and to discuss how to expand the role of these fields in several potential high-impact application areas.

The conference offers an excellent forum for scientists, engineers, mathematicians from a variety of related disciplines, to exchange ideas and present original research results in the theory and applications of global optimization. WCGO 2019 will be composed of several plenary lectures, invited sessions, and contributed sessions.

IMPORTANT DATES

Abstract submission deadline: **May 15, 2019**

Abstract notification: May 20, 2019

Conference dates: July 8-10, 2019

EWG CFM, EURO Working Group on Commodities and Financial Modelling

Finance in the Dynamic Network Society & Small Island Economies

Curaçao, 8-10 August, 2019



[Website](#)

Researchers, academics, professional experts and other stakeholders are welcome to submit their original research papers to the First International Tw in Theme Conference which aims to face the new challenges of the financial world.

Important dates

*Final Abstract Submission deadline: **May 15, 2019**

*Abstract Acceptance notification: May 31, 2019

*Early bird registration deadline: June 10, 2019

*Registration Final Deadline: June 30, 2019

EWG LOT, EURO working group on Lot-sizing

ILWS 2019, International Workshop on Lot Sizing

Paris, France, 21-23 August, 2019



SAVE THE DATE

As in previous years, the goal of the workshop is to cover recent advances in lot sizing: new approaches for classical problems, new relevant problems, integration of lot sizing with other problems such as scheduling, distribution or vehicle routing, presentation of case studies, etc. The workshop will also aim at favouring exchanges between researchers and enhancing fruitful collaboration.

More information will be available soon.

11th International Workshop on Computational Optimization (WCO19)

Leipzig, Germany, 1-4 September, 2019

[Website](#)

We invite original contributions related to both theoretical and practical aspects of optimization methods.

Important dates:

Paper submission (sharp / no extensions): **May 14th, 2019**

POMS International Conference 2019

Brighton, UK, 2-4 September, 2019

Website

The theme of this year's conference is "**Connecting the Operations Management and Supply Chain Management World in Divided Times**".

We are now inviting submissions for 50 word abstracts describing your research and key findings. Please send your abstracts via e-mail to bsre@sussex.ac.uk, using the submission template available on the conference website: <https://www.poms2019.com/registration>

The deadline for abstract submissions is **June 15th, 2019**. Acceptance notifications will be sent on a continuous basis one week after abstract submission, not after the end of the submission deadline. Early bird registration is available from March 1st to June 15th, 2019.

The conference will have keynote speeches by:

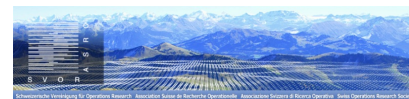
- Sushil Gupta (Florida International University) on Disaster Management
- George Perakis (MIT Sloan School of Management) on Data Driven Operations and Practice-Based Research
- Kamalini Ramdas (London Business School) on Healthcare Innovation
- Stefan Scholtes (Judge Business School, Cambridge) on Healthcare Management

We will also host meet-the-editor panels for leading international journals (Management Science, Production and Operations Management, Journal of Operations Management, IJOPM and IJPE). Finally we will offer a grant writing session on how to reach out to practice and other funding organisations.

OR2019: German, Austrian & Swiss OR Conference

Dresden, Germany, 3-6
September, 2019

Website



OR2019 is the annual scientific conference of the national Operations Research Societies of Germany (GOR e.V.), Austria (ÖGOR) as well as Switzerland (SVOR).

All three societies invite researchers and students from every country to join this inspiring scientific conference.

With an expected number of approx. 400 presentations as well as 600 delegates from every continent, OR2019 provides a comprehensive platform to discuss and exchange your research.

OR2019 is a conference supported by the School of Civil and Environmental Engineering of Technische Universität Dresden. The Faculty of Transport and Traffic Science as well as the Faculty of Business and Economics act as the hosts of OR2019.

05.05.2019 - extended deadline for **submissions of abstracts**

Italian Operations Research Society

ODS 2019 International Conference on
Optimization and Decision Science



Genova, Italy, 4-7 September, 2019

[Website](#)

ODS 2019 aims at being an opportunity for researchers and practitioners from various sectors (applied mathematics, computer science, engineering, and economics), private and public companies, industries and policy makers, to present and share ideas, experiences and knowledge, as well as to creating points of contact with each other.

The conference theme is open to the wide field of optimization, problem solving and decision making methods and their application in industrial and territorial systems. However, a special focus is on Optimization and Decision Science for Logistics and Multimodal Transportation.

Participants can submit their work in the following two ways:

- Short paper (8 – 10 pages, including front matter and references)
- Abstract (max 2000 characters, space included)

Important Dates

April 30, 2019 Deadline for short paper submission

April 30, 2019 Deadline for abstract submission

May 20, 2019 Contribution (short paper or abstract) acceptance notification

May 27, 2019 Deadline for early registration

ORSSA: The Operations Research Society of South Africa

48th ORSSA Annual Conference (2019)

Cape Town, South Africa, 8-11 September, 2019



[Website](#)

The 48th Annual Conference of the Operations Research Society of South Africa (ORSSA) will take place at The Vineyard Hotel, in Cape Town, South Africa, from 8 - 11 September, 2019. The Conference is a celebration of the Society's 50th anniversary.

An optional tutorial will be held on Sunday afternoon 8 September, followed by a welcome reception that same evening. The main conference will start Monday morning 9 September and will close at lunchtime on Wednesday, 11 September. We are again excited to also include a poster session at this year's conference.

Participation over the full spectrum of Operations Research is encouraged, including presentations and posters of a more fundamental nature, application of Operations Research techniques in business and industry, topical issues in Operations Research, and the philosophy, teaching and marketing of Operations Research.

Professor M Grazia Speranza, the President of IFORS (International Federation of Operational Research Societies), and **Professor Gerhard Geldenhuys**, founding member of ORSSA, are the keynote speakers at this year's conference. They are both exceptional OR practitioners and we look forward to their keynote addresses.

Important Dates

31 July 2019 Abstract submission closes

2 August 2019 Early bird registration closes

16 August 2019 Registration closes

5th International Conference on machine Learning, Optimization & Data science - LOD

Tuscany, Italy, 10-13 September, 2019

[Website](#)

The International Conference on Machine Learning, Optimization, and Data Science (LOD) has established itself as a premier interdisciplinary conference in machine learning, computational optimization and data science. It provides an international forum for presentation of original multidisciplinary research results, as well as exchange and dissemination of innovative and practical development experiences.

We invite submissions of papers, abstracts, posters and demos on all topics related to Machine learning, Optimization and Data Science including real-world applications for the Conference proceedings – Springer Lecture Notes in Computer Science.

All papers must be submitted using **EasyChair**

Submission deadline: **April 30, 2019**

Any questions regarding the submission process can be sent to conference organizers: **lod@icas.xyz**

19th French-German-Swiss conference on Optimization FGS'2019

Nice, France, 17-20 September, 2019

[Website](#)

This series began in 1980 at Oberwolfach and has foregathered ever since French and German colleagues in optimization every other year. The conference usually brings together up to 150 mathematicians which establishes it as the keynote meeting of European researchers in optimization in the broad sense.

In order to submit a talk to the conference, please use the following LaTeX template: **template.tex**. All time slots for presentations will be 25 minutes long, including 5 minutes for discussion.

In order to submit a mini-symposium to the conference, please use the following LaTeX template: **template.tex**. Each presentation will be 25 minutes long, including 5 minutes for discussion.

Submission Deadline **May 15, 2019**

Slovenian Operational Research Society

International Symposium on Operations Research in Slovenia (SOR '19)



Bled, Slovenia, 25-27 September, 2019

[Website](#)

The 15th International Symposium on Operations Research in Slovenia (SOR '19) will be held in Bled, Slovenia, on September 25–27, 2019.

It will be organized by Slovenian Society Informatika, Section of Operations Research (SDI-SOR, Ljubljana, Slovenia), University of Maribor, Faculty of Organizational Sciences (UM-FOV, Kranj, Slovenia), and University of Ljubljana, Faculty of Mechanical Engineering (UL-FS, Ljubljana, Slovenia).

Important Dates

Submission of contributed papers: **June 3, 2019**

Referee's reports: July 1, 2019

Submission of revised papers: August 25, 2019

Social Programme

Wednesday, September 25, 2019 late afternoon: Get-together afternoon with excursion and dinner

Thursday, September 26, 2019 evening: Get-together afternoon with short excursion..

EURO working group on Agriculture and Forest Management



III International Conference on Agro BigData and

Decision Support Systems in Agriculture

Valparaíso, Chile, 25-27 September, 2019

Website

The BigDSSAgro2019 conference is the third conference in the series devoted to decision support systems in agriculture, which combine Operational Research methods and Big Data techniques to support many real-world decision-making problems in small scale farming, industrial agriculture, smart farms, agri-business supply chains, land use and environmental protection, among others. In BigDSSAgro 2019, the scope will be extended to focus on decisions, technologies and innovation for the 2030 agriculture.

The Program Committee will select the papers to be presented on the basis of the submitted extended abstracts. It is expected that revised and extended versions will subsequently be submitted for publication in a post-conference special issue to be announced.

Important dates

Submission deadline: **May 20, 2019**.

Author acceptance/rejection notification: July 15, 2019.

Camera-ready Extended Abstract deadlines: August 15, 2019.

25th Conference on Principles and Practice of Constraint Programming (CP 2019)

Stamford (CT), USA, 30 September - October 4, 2019

Website

The CP conference series concerns all aspects of computing with constraints, including: theory, algorithms, environments, languages, models, systems, and applications.

The CP 2019 programme will include presentations of high-quality scientific papers and tutorials on both theory and applications. Invited talks will describe important topics relevant to the field. The CP programme also welcomes workshops for discussing in-progress work and provides support to students through its doctoral program, which includes a dedicated one day doctoral conference, mentorship by experienced researchers and more.

Important dates

3 May 2019 - Intention to contribute submission deadline

10 May 2019 - Abstract and full paper submission deadline

17-20 June 2019 - Author response period

30 June 2019 - Notification

19 July 2019 - Camera-ready

Submissions Instructions

Paper submission is via EasyChair

(CP 2019 - <https://easychair.org/my/conference.cgi?conf=cp2019;welcome=1>).

Each submission should be directed to the suitable track.

Decision Sciences Institute Annual Conference

New Orleans, Louisiana, 23-25 November, 2019

Website

Please, join us for the 2019 Decision Sciences Institute Annual Conference, which marks our 50th anniversary! The theme for this year's conference is **Transforming Decision Sciences Through Emergent Technologies**.

We would like to invite full papers, abstracts, and panel proposal submissions focusing on developing new knowledge across all functional areas of business and curriculum.

- *Full Paper Deadline: **May 15, 2019**
- *Abstract Deadline: May 30, 2019
- *Panel Proposal Deadline: May 30, 2019
- *Workshop Proposal Deadline: May 30, 2019
- *Award Competition Deadline: May 30, 2019

Publications



Special Issue: Call for Papers on Stochastic Optimization: Algorithms and Applications

Guest Editors: **Patrizia Beraldi**

Deadline for submission: **April 30, 2019**

[Website](#)

Stochastic Optimization (SO) represents a mathematical framework to deal with decision-making problems involving uncertain parameters. In the last few decades, SO has been receiving increasing attention from scholars and practitioners, and has been notably spreading its application domain.

Submissions of original research papers, surveys, or case studies, in all areas of stochastic optimization, with a focus on both algorithms and applications, are welcome.

Submission Information

Manuscripts should be submitted online at www.mdpi.com by **registering** and **logging in to this website**. Once you are registered, **click here to go to the submission form**. Manuscripts can be submitted until the deadline. All papers will be peer-reviewed. Accepted papers will be published continuously in the journal (as soon as accepted) and will be listed together on the special issue website. Research articles, review articles as well as short communications are invited. For planned papers, a title and short abstract (about 100 words) can be sent to the Editorial Office for announcement on this website.

Please visit the **Instructions for Authors** page before submitting a manuscript. The **Article Processing Charge (APC)** for publication in this **open access** journal is 1000 CHF (Swiss Francs). Submitted papers should be well formatted and use good English. Authors may use MDPI's **English editing service** prior to publication or during author revisions.



OR Spectrum

Special Issue: Call for Papers on Innovative Approaches in Humanitarian Operations

Guest Editors: **Walter J. Gutjahr, Nilay Noyan, Nico Vandaele, Luk N. Van Wassenhove**

Deadline for submission: **April 30, 2019**

Natural or man-made disasters, humanitarian crises, pandemics and other emergency situations confront governmental institutions and humanitarian organizations with enormous challenges. Fast decisions under uncertainty have to be made, often with scarce resources, while well-being and lives of humans are at stake. Humanitarian operations can be supported by traditional techniques of engineering, information technology and logistics management, but these approaches frequently turn out to be insufficient in disaster environments. The field of Operations Research can contribute to overcome some of the limitations of current humanitarian aid. The special issue aims at contributions investigating the application of novel approaches, be it on the side of modelling, computational solution procedures, technologies, or analytics, to the area of disaster management and humanitarian operations.

This Call extends scope and deadline of a prior related Call ("Innovative Use of Technology and Analytics for Humanitarian Operations").

Submission Guidelines and Review Process: Papers must be submitted at <http://www.editorialmanager.com/orsp/> under the category “S.I. Innovative Approaches in Humanitarian Operations” by **April 30, 2019**. All papers submitted to this special issue should report original work and make a contribution to the journal OR Spectrum by using a quantitative research paradigm and OR methodologies. According to the aims of OR Spectrum, high quality papers are requested that match the scope of the journal, show rigour in applying state-of-the-art OR techniques, and promise to have an impact on future work of the OR community. Moreover, the submissions are required to present relevant and original work in humanitarian aid. To fit the mission of the special issue, the papers should have a clear motivation in real problems and applications and a solid practical foundation, for example by using real-world data or by showing evidence of communication with humanitarian practitioners.



European Journal on Transportation and Logistics

Special Issue: Call for Papers on Combining Optimization and Machine Learning: Applications in Vehicle Routing, Network Design and Crew Scheduling

Guest Editors: **Claudia Archetti, Jean-François Cordeau, Guy Desaulniers**

Deadline for submission: **May 31, 2019**

[Website](#)

Several families of core problems in transportation and logistics such as vehicle routing, network design and crew scheduling remain formidably challenging to solve for the operations research community and, for most of them, efficient algorithms are still sought after by the industry. One recent research trend explores the possibility of combining optimization and machine learning in innovative ways to design improved algorithms. Machine learning and optimization can be applied sequentially or in an integrated fashion. In the former case, machine learning can be used, for example, to estimate some problem input (e.g., cost coefficients, customer demand, capacity) for the optimization model, to preprocess data with the goal of reducing the size of the model to solve, or to describe customer behavior and preferences. In the latter case, machine learning can be applied, for example, to adjust the values of some of the parameters controlling the optimization algorithm or to make heuristic decisions within the algorithm (e.g., select a branching variable or define a neighbourhood to explore) to increase its efficiency.

This special issue focuses on the development of innovative solution methods that combine machine learning and optimization to efficiently solve vehicle routing, network design and crew scheduling problems in all transportation modes (freight, public transit, air, maritime, rail). The proposed optimization algorithms can be exact or heuristic.

Topics of interest include (but are not limited to):

*Vehicle routing and its variants: capacitated, with profits, stochastic, time-dependent, split delivery, pickup-and-delivery, etc.

*Inventory routing *Location routing

*Transportation and supply chain network design

*Ship routing and scheduling

*Bus scheduling *Fleet assignment / locomotive assignment

*Duty scheduling / crew pairing

*Crew scheduling / crew rostering

In order to submit a paper for a Special Issue,

1. Log on the **editorial manager** using the Author Login.
2. Select Submit New Manuscript in the main menu.
3. In the drop down list associated with Choose Article Type, select the desired special issue. The entries corresponding to the special issues start with SI.



Transactions on Fuzzy Systems

Special Issue: Smart Fuzzy Optimization in Operational Research and Renewable Energy: Modelling, Simulation and Application

[Website](#)

Guest Editors: **Gerhard-Wilhelm Weber, Pandian Vasant, Gilberto Perez Lechuga**

Deadline for submission: **November 1, 2019**

Objective of this special issue is to explore latest modelling, simulation and fuzzy optimization, related with and renewable energy, electronics and electricity, and various related subjects. This offers a concentrative venue for researchers to make rapid exchange of ideas and innovative research findings in fuzzy optimization and Operational Research. In particular, new interdisciplinary approaches in fuzzy optimization applications, computer science and engineering applications, or strong conceptual foundations in newly evolving topics are especially welcomed. We invite researchers and experts worldwide to submit high-quality innovative research papers and critical review articles on the subsequent potential topics.

All authors should read 'Information for Authors' before submitting a manuscript <http://cis.ieee.org/ieee-transactions-on-fuzzy-systems.html>.

Submissions should be through the IEEE TFS journal website <http://mc.manuscriptcentral.com/tfs-ieee>. It is essential that your manuscript is identified as a Special Issue contribution:

* Ensure you choose '**Special Issue**' when submitting.

* A cover letter must be included which includes the title '**Special Issue on Smart Fuzzy Optimization in Operational Research and Renewable Energy: Modelling, Simulation, and Applications**'



Special Issue: Call for Papers on Online Algorithms in Trading Systems

Guest Editors: **Stanley P. Y. Fung, Günter Schmidt**

Deadline for submission: **December 31, 2019**

Website

Online algorithms handle situations where the future input is unknown. Since competitive analysis was first introduced in the mid-1980s, online algorithms have been studied for a wide range of problems, and naturally this includes those involving financial markets and trading. As algorithmic and high-frequency trading become increasingly prevalent, many new algorithmic questions and challenges arise.

For this Special Issue, we invite submissions of articles that describe recent advances in the design and analysis of online algorithms for trading systems (broadly defined). Both original research papers and surveys are welcome.

Submission Information

Manuscripts should be submitted online at www.mdpi.com by **registering** and **logging in to this website**. Once you are registered, **click here to go to the submission form**. Manuscripts can be submitted until the deadline. All papers will be peer-reviewed. Accepted papers will be published continuously in the journal (as soon as accepted) and will be listed together on the special issue website. Research articles, review articles as well as short communications are invited. For planned papers, a title and short abstract (about 100 words) can be sent to the Editorial Office for announcement on this website.

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Prizes and Awards

INFORMS Prizes



Website

Daniel H. Wagner Prize for Excellence in the Practice of Advanced Analytics and Operations Research

This prize emphasizes the quality and coherence of the analysis used in practice. Dr. Wagner strove for strong mathematics applied to practical problems, supported by clear and

May 1, 2019

intelligible writing. This prize recognizes those principles by emphasizing good writing, strong analytical content, and verifiable practice successes.

<p>Doing Good with Good OR - Student Paper Competition The projects must have, or are likely to have, a significant societal impact, and operations research and management science methods and tools (broadly interpreted) must be central to the success of the projects described. "Societal impact" should be construed to mean an impact on individuals, communities and organizations that goes beyond that associated with a private-sector for-profit initiative. The projects might also strive to include innovation through theory, creative computational methods, and should address implementation challenges.</p>	May 15, 2019
<p>Franz Edelman Award for Achievement in Advanced Analytics, Operations Research, & Management Science The Franz Edelman competition attests to the contributions of operations research and analytics in both the profit and nonprofit sectors. Since its inception, cumulative benefits from Edelman finalist projects has topped the \$292 billion mark.</p>	Oct 16, 2019 (2020 Prize)
<p>Frederick W. Lanchester Prize The Lanchester Prize is awarded for the best contribution to operations research and the management sciences published in English in the past five years.</p>	Jun 15, 2019
<p>George B. Dantzig Dissertation Award The George B. Dantzig Award is given for the best dissertation in any area of operations research and the management sciences that is innovative and relevant to practice. This award encourages academic research that combines theory and practice and stimulates greater interaction between doctoral students (and their advisors) and the world of practice.</p>	Jun 30, 2019
<p>George E. Kimball Medal The George E. Kimball Medal is awarded for recognition of distinguished service to the Institute and to the profession of operations research and the management sciences.</p>	May 15, 2019
<p>George Nicholson Student Paper Competition The George Nicholson Competition is held each year to identify and honor outstanding papers in the field of operations research and the management sciences written by a student.</p>	May 15, 2019
<p>INFORMS Case Competition The purpose of this annual competition is to encourage the creation, dissemination, and classroom use of new, unpublished cases in operations research and the management sciences.</p>	Summer 2019
<p>INFORMS Prize The INFORMS Prize is awarded for effective integration of advanced analytics and operations research/management sciences (OR/MS) in an organization. The award is to be given to an organization that has repeatedly applied the principles of OR/MS in pioneering, varied, novel, and lasting ways. The contribution will be judged relative to the impact OR/MS has had on the overall success of the organization.</p>	Dec 1, 2019 (2020 Prize)
<p>John von Neumann Theory Prize The John von Neumann Theory Prize is awarded annually to a scholar (or scholars in the case of joint work) who has made fundamental, sustained contributions to theory in operations research and the management sciences.</p>	Jun 1, 2019
<p>Prize for the Teaching of OR/MS Practice The Prize for the Teaching of OR/MS Practice is given annually to a university or college teacher for excellence in teaching the practice of OR/MS.</p>	Jun 30, 2019
<p>Saul Gass Expository Writing Award This award recognizes an author whose publications in operations research and management science have set an exemplary standard of exposition.</p>	Jul 1, 2019

Undergraduate Operations Research Prize

The Undergraduate Operations Research Prize competition is held each year to honor a student or group of students who conducted a significant applied project in operations research or management science, and/or original and important theoretical or applied research in operations research or management science, while enrolled as an undergraduate student.

Jun 30, 2019

UPS George D. Smith Prize

The UPS George D. Smith Prize is awarded annually to an academic department or program for effective and innovative preparation of students to be good practitioners of operations research and analytics.

Oct 31, 2019
(2020 Prize)

Upcoming Conferences

Click on the table below to download a pdf of upcoming events

23rd-26th April 2019	6th edition of International Conference on Control, Decision and Information Technologies (CoGIT 2019)	Paris, France	26th January 2019
24th-26th April 2019	EvoCOP 2019 - The 18th European Conference on Evolutionary Computation in Combinatorial Optimization	Lerped, Germany	12th November, 2018
25th-26th April 2019	2nd IMA and OR Society Conference on Mathematics of Operational Research	Aston, UK	25th March 2019
2nd-4th May 2019	18th International Business Congress	Osmaniye, Turkey	22nd February 2019
2nd-6th May 2019	POMS 30th Annual Conference	Washington, USA	30th November 2018
13th-14th May 2019	ORSS Conference 2019	Shefayim, Israel	1st March 2019
15th May 2019	17th Colloquium & 7th meeting of ORSDCE	Vilnius, Lithuania	
15th-16th May 2019	EUROE (EU) working group on Metaheuristics	Oslo, Norway	30th April 2019
16th-17th May 2019	Modern Building, Materials, Structures and Techniques (MBMST)	Vilnius, Lithuania	1st February 2019
22nd-24th May 2019	Conference on Integer Programming and Combinatorial Optimization - IPCO XX	Michigan, USA	20th November 2018
26th-31st May 2019	15th World Conference on Transport Research	Mumbai, India	26th October 2018
27th-29th May 2019	EDIST 2019 EWG-DSS 9th International Conference on Decision Support System Technology	Madeira Island, Portugal	15th December 2018
30th May - 1st June 2019	DCCO 2019	St. Julian's, Malta	17th March 2019
2nd-7th June 2019	LASCOP 2019 - X Latin and American Algorithms, Graphs and Optimization Symposium	Belo Horizonte, Brazil	26th November 2018
2nd-7th June 2019	MAAPF	Rosette, the Netherlands	1st February 2019
3rd-5th June 2019	Vehicle Routing and Logistics Optimisation 2019	Seville, Spain	10th February 2019
4th-7th June 2019	CPAQR 2019	Thessaloniki, Greece	1st March 2019
5th-7th June 2019	EWGA XIV - EURO Working Group on Location Analysis	Brussels, Belgium	25th January 2019
9th-12th June 2019	INFORMS-AUD 2019	Caracas, Mexico	25th March 2019
10th-14th June 2019	Workshop of Mathematical solutions in business and industry (MSB 15)	Palanga, Lithuania	5th April 2019
12th-15th June 2019	19th International Conference on Group Decision and Negotiation in 2019 a Joint GDN-EWU/BCR meeting (ICGN2019)	Loughborough, UK	28th February 2019
12th-14th June 2019	INOC 2019 International Network Optimization Conference	Avignon, France	1st May 2019
15th-21st June 2019	3rd International Federal Conference and Summer School 'Numerical Computation, Theory and Algorithms' (N/AMTA2019)	Colabria, Italy	18th March 2019
16th-19th June 2019	29th International Symposium on Forecasting	Thessaloniki, Greece	8th March 2019
16th-21st June 2019	5th International Conference on Multiple Criteria Decision Making (MCDM 2019)	Istanbul, Turkey	27th February 2019
17th-21st June 2019	2nd Behavioural OR Summer School	Nijmegen, The Netherlands	15th May 2019
17th-21st June 2019	TRUSTAN X - The Tenth Triennial Symposium on Transportation Analysis	Hamilton Island, Australia	22nd October 2018
19th-20th June 2019	EvoCrd workshop	Dublin, Ireland	15th April 2019
19th-21st June 2019	Advances in Decision Analysis 2019	Milan, Italy	10th January 2019
21st-22nd June 2019	Commodity and Energy Markets Association (CEMA) Annual Meeting 2019 (CEMA 2019)	Pennsylvania, USA	17th February 2019
23rd-26th June 2019	EUROD 2019 - 30th European Conference on Operational Research	Dublin, Ireland	15th February 2019
15th-28th June 2019	MFOA PhD School "Exact Integer Nonlinear Programming meets Data Science"	Idina, Italy	31st March 2019
28th June 2019	8th Annual Healthcare Operations Workshop	Istanbul, Turkey	2nd May 2019
28th-29th June 2019	EUROPT 2019 - 17th EUROPT Workshop on Advances in Continuous Optimization	Glasgow, UK	18th March 2019
1st-3rd July 2019	Mathsupport international 2019	Athens, Greece	17th February 2019
1st-3rd July 2019	17th Cologne-Twente Workshop on Graphs & Combinatorial Optimization	Enschede, The Netherlands	22nd March 2019
1st-5th July 2019	ORILLAS 2019 - Latin American Summer School in Operations Research	Vienna, Austria	28th February 2019
5th-8th July 2019	LQMA 2019	Trento, Italy	28th February 2019
7th-10th July 2019	4th annual Behavioral Operations Conference BOC 2019	Eindhoven, The Netherlands	4th March 2019
7th-13th July 2019	ICMI Postgraduate / VI Iberian / NetOS Modeling Week	Seville, Spain	30th May 2019
8th-10th July 2019	World Congress on Global Optimization (WGO)	Metz, France	15th May 2019
8th-12th July 2019	International Conference on Mathematical Optimization Theory and Operations Research (MOTOR 2019)	Ekaterinburg, Russia	1st February 2019
13th-17th July 2019	GECCO 2019 Genetic and Evolutionary Computation Conference	Prague, Czech Republic	8th January 2019
15th-18th July 2019	2019 MIP Workshop	Massachusetts, USA	22nd March 2019
15th-18th July 2019	INFORMS 73rd Workshop 2019	Vienna, Austria	15th January 2019
17th-20th July 2019	17th International Conference on Data Engineering Analysis	Alberta, Canada	15th March 2019
28th-31st July 2019	18th Metaheuristics International Conference	Cartagena de Indias, Colombia	11th February 2019

Contact Us

Do you have an item to be included in the next new sletter? Just contact us at office@euro-online.org. We reserve the right to edit submissions to suit the presentation and available space.



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