

EURO Newsletter # 64
October 24, 2018

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

**EURO 2019 30th European Conference on
Operational Research**

Dublin, Ireland, 23-26 June, 2019



FIRST ANNOUNCEMENT AND CALL FOR PAPERS

We have the great pleasure of inviting you to take part in the 30th EURO Conference to be held in Dublin, Ireland on 23-26 June, 2019.

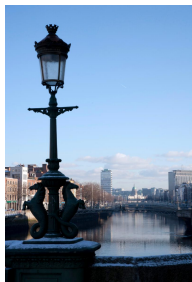
The Scientific and Organization Committees, chaired by **Luis Gouveia** and **Seán McGarraghy**, along with **Cathal MacSwiney Brughá**, are preparing a high quality scientific program and an exciting social program for the Conference.

We are convinced that the EURO 30th Conference will be an excellent opportunity for the OR community to get together again in a pleasant atmosphere, and, thus, we are looking forward to meeting you in Dublin, in 2019!



PLENARY, KEYNOTE & TUTORIAL SPEAKERS:

We have selected several outstanding Plenaries & Tutorial Speakers that will present the state-of-the-art in Operations Research and outline pathways of its future developments. More information on their presentations will be announced soon. Please follow up further information at the EURO 30th Conference webpage : <https://www.euro2019dublin.com/key-note-speakers>



CALL FOR PAPERS AND SESSIONS:

Researchers, academics, practitioners, and students interested in any branch of Operational Research, mathematical modelling or economic analysis are invited to submit abstracts or organize sessions.

Invited and contributed papers will be organized in parallel sessions. In general, sessions will be a part of the Conference streams, and streams are grouped in different areas. The list of areas and streams will be available shortly.

No participant can present more than one paper at the Conference.

Abstract submission system is available online, via the Conference webpage (<http://www.euro-online.org/conf/euro30/>).

Abstracts: max. 1500 characters; submission deadline: **February 8, 2019**.

Researchers who wish to organize a stream or an invited session or contribute with a paper within an invited session should contact a PC member of the corresponding area.

IMPORTANT DATES:

Abstracts:

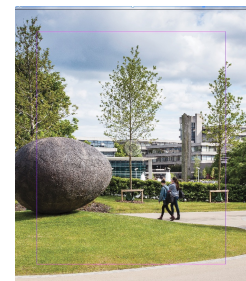
Abstract submission start: Monday, October 22, 2018
Abstract submission deadline: **Friday, February 8, 2019**

Registration:

Registration start: December, 2018
Early registration deadline: Friday, March 8, 2019
Author registration deadline: Friday, March 22, 2019

REGISTRATION FEES:

Regular: €375.00 (early); €500.00 (late),
Student/Retired: €180.00 (early); €240.00 (late),
Accompanying persons: €90.00



Early registration ends 8 March 2019.

The regular/student registration fee includes:

- *Admission to all sessions and the exhibition
- *Conference materials (printed conference handbook w ith short programme; online access to a complete programme w ith abstracts; sponsor & exhibitor materials)
- *Tea, coffee and lunches throughout the conference (for each day, you w ill receive a lunch coupon)
- *Admission to the Welcome Reception on 23rd June 2019 at University College Dublin Transfer ticket

The registration fee for an accompanying person covers the same except the admission to sessions and conference materials.

Please note that the Conference Gala Dinner on Tuesday is not included in the registration fee.



CALL FOR EXHIBITORS:

Parties interested in having a booth or exhibition area during the Conference are kindly requested to contact the EURO 2019 Conference Secretariat (Sponsorship & Exhibition Manager Emma Power: 2019EuroK@abbey.ie). An exhibitor's guide w ill be available shortly.

FURTHER INFORMATION:

For detailed information about Dublin, please, visit the Conference w e bpage www.euro2019dublin.com

We look forward to w elcoming you to our very exciting conference in Dublin!
Luis Gouveia, Seán McGarraghy and Cathal MacSwiney Brugha

For any further information:

EURO 2019 CONFERENCE SECRETARIAT:
c/o Abbey Conference & Events

Address: City Gate, 22 Bridge Street Lower, Dublin 8
Phone: (+353) 1 648 6130
Email: 2019EuroK@abbey.ie
From Monday to Friday 9:00-17:30 (GMT)



E: EURO2019DUBLIN@ABBEY.IE

T: +353 1 648 6130

EURO Mini International Conference on Decision Support System Technology - EmC-ICDSST 2019

Madeira Island, Portugal, 27-29 May, 2019



<https://icdsst2019.wordpress.com/>

Main Theme: "Decision Support Systems:
Main Developments & Future Trends"
A look backwards over the last 30 years to evaluate how well we stand on the research areas of Decision Making and in which direction we should better proceed.

Apart from deploying the 5th EWG-DSS annual International Conference on Decision Support System Technology, the EmC-ICDSST 2019 event also has the objective of celebrating the 30th Anniversary of the EURO Working Group of Decision Support Systems EWG-DSS, created as a product of the ESI VI – EURO Summer Institute on DSS, in the Madeira Island in May 1989. Since then, the research area in DSS has substantially advanced and the EWG-DSS has consolidated its importance among the EURO Working Groups, by currently being one of its most stable and

active groups considering its research initiatives and activities.

The organization of the EmC-ICDSST 2019 in Madeira aims at recapitulating the developments of the Decision Support Systems area in the last 30 years, as well as enforcing the trends and new technologies in use, so that a consensus about the appropriate steps to be taken in future DSS research work can be established.

The Organizing Committee of the EmC-ICDSST 2019 invites researchers, developers and specialists in the related areas of decision making, including its methodologies and technologies, as well as application oriented practitioners directed to the implementation of solutions for DSS challenges to submit their work to the EmC-ICDSST 2019.

Submission Deadline for

Long Papers (LP): Before **November 30, 2018**

Short Papers (SP): Before March 1, 2019

Posters (PO): Before March 15, 2019

Working Groups

EWG ENOG, EURO working group on Network Optimization

8th edition of the Winter School on Network Optimization

Estoril, Portugal, 14-18 January, 2019



<http://netopt2019.campus.ciencias.ulisboa.pt/>

The 8th edition of the Winter School on Network Optimization will take place at Hotel Estoril-Éden, Monte Estoril, from the 14th to the 18th of January 2019. 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:

- * **Markus Leitner** (Univ. of Vienna) - Layered graph approaches for combinatorial optimization problems;
- * **William Cook** (Univ. of Waterloo) - The Traveling Salesman Problem and Computational Discrete Optimization;
- * **Thomas Stuetzle** (Univ. Libre de Bruxelles - IRIDIA) - Towards Automated Algorithm Design: Advances and Perspectives;
- * **Francisco Saldanha da Gama** (Univ. de Lisboa) - Logistics network design: capturing uncertainty and risk;
- * **Tolga Bektas** (Univ. of Liverpool) - Compact formulations, projections and some polyhedral results for the vehicle routing problem.

The school is part of the activities of the CMAFCIO (Centro de Matemática, Aplicações Fundamentais e Investigação Operacional) University of Lisbon as well as of the ENOG (European Network Optimization Group). The event is also endorsed by EURO (the Association of European Societies) and APDIO (the Portuguese OR society).

Potential participants are invited to submit their CVs to the address NetOpt2019@fc.ul.pt no later than the **31st October**.

EWG ECCO, EURO working group on Combinatorial Optimization

ECCO 2019

Silema, Malta, 30 May - 1 June, 2019



<https://ecco2019.euro-online.org/>

The 32nd Conference of the European Chapter on Combinatorial Optimization will be held in the seaside town of St. Julian's in Malta, and will run from Thursday 30th May to Saturday 1st June 2019. It will be hosted at the **Cavalieri Art Hotel**, a four-star hotel overlooking the picturesque St. Julian's Bay.

The plenary speakers will include **Martin Charles Golumbic**, **Fred Glover**, and **Maria Grazia Speranza**.

Important Dates

1st December 2018 - 3rd February 2019 Early-bird Registration

4th February 2019 - 14th April 2019 Normal Registration

15th April 2019 - 15th May 2019 Late Registration

1st December 2018 - **17th March 2019** Abstract Submission

14th April 2019 Notification of Acceptance of Abstract

EWG ENOG, EURO working group on Network Optimization

INOC 2019 International Network Optimization Conference

Avignon, France, 12-14 June, 2019

<https://inoc2019.sciencesconf.org/>

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

The authors are invited to submit their papers describing original, previously unpublished research results and not currently under review. There are two types of submissions: full papers (4-6 pages using the two-column ACM SigConf template) and extended abstracts (1-2 pages, free template).

In order to support the open access initiative (with no publication fees for authors), we have decided to publish accepted full papers in open access at openproceedings.org, with doi and indexed in dblp (possibly Scopus). Hence, the authors will keep the copyright of all material published in the proceedings.

KEYNOTESPEAKERS

Michel Goemans, MIT (USA)
Pascal Van Hentenryck, University of Michigan (USA)
Hande Yaman, Bilkent University (Turkey)

IMPORTANT DATES

Full Paper submission Submission deadline: **February 15, 2019**
Notification: April 1, 2019
Extended Abstract submission: May 1 2019
Camera-ready paper submission: May 1 2019
Conference: June 12-14, 2019

INQUIRIES

Email: inoc2019@sciencesconf.org



EWG EUROPT, EURO working group on Continuous Optimization

EUROPT 2019 - 17th EUROPT Workshop on Advances in Continuous Optimization

Glasgow, UK, 28-29 June, 2019

<http://icelab.uk/europt-2019/>

This workshop is the annual event of the EUROPT continuous optimization working group of EURO (The Association of European Operational Research Societies). This 17th edition will take place in Glasgow just after the 30th European Conference on Operational Research, that will be held in Dublin.

Important Dates

*Call for sessions: 15 December 2018
*Early bird registration: pending
*Abstract submission: pending
*Author registration: pending
*Workshop: 28-29 June 2019

Researchers interested in organizing a 3-talk session are invited to contact the Program Chair at edmondo.minisci@strath.ac.uk, before **15 December 2018**.

For more information, please contact us at europt2019@icelab.uk, visit the [workshop webpage](#) and follow us on Twitter through [#EUROPT2019](#) from [@icelab_uk](#).

Becoming member of EUROPT is easy and free of charge. [Join us!](#)



Conferences and Meetings

Belgian Operational Research Society



33rd annual conference of the Belgian Operational Research Society (ORBEL 33)

Hasselt, Belgium, 7-8 February, 2019

<https://www.orbel.be/orbel33/>

The conference is intended as a meeting place for researchers and users of OR, statistics, computer science, and related fields. It provides managers, practitioners, and researchers with a unique opportunity to exchange information on quantitative techniques for decision making.

The confirmed keynote speakers of this edition are:

*Prof. **Claudia Archetti**, Università degli Studi di Brescia

*Prof. **Richard F. Hartl**, Universität Wien

*Prof. **Sandra Transchel**, Kühne Logistics University

Important dates:

* Abstract submission deadline: **December 21, 2018**

* End of early registration: January 25, 2019

AIRO Young Researchers Chapter - part of the Italian Operational Research Society (AIRO)



3rd AIRO Young Workshop + PhD School

Rome, Italy, 26-29 March, 2019

<https://www.airoyoung.org/>

The AIRO Young Workshop, now at its third edition, has become an annual international occasion for PhD students and Young Researchers to meet, exchange knowledge and present novel research contributions in the field of Operational Research and Decision and Data Science.

For the next event an additional three-days PhD School has been organized, with theoretical classes and lab sessions on cutting-edge topics arising in Optimization and Simulation

With this preliminary announcement we invite all AIRO Young members, PhD students in Operations Research and related topics, early-stage Researchers (PhD degree <= 5years) or anyone with a strong interest in OR (<=35years old) *to **save the date** for this exciting initiative!*

UK Operational Research Society



2nd IMA and OR Society Conference on Mathematics of Operational Research

Birmingham, UK, 25-26 April, 2019

<https://ima.org.uk/9649/2nd-ima-and-or-society-conference-on-mathematics-of-operational-research/>

The conference will aim to draw together the considerable community of researchers and practitioners who develop new mathematics of relevance to and which underpin applications in Operational Research (OR). It will take a comprehensive view, will show case activity from across OR, and will welcome both contributions which have a clear application focus as well as those which are theoretically driven.

Contributions will be expected to show case both significant new mathematics and OR relevance. The conference will host plenaries from leading international experts.

Computational Management Science - CMS 2019 & Mathematical Methods in Industry and Economics - MMEI 2019

Chemnitz, Germany, 27-29 March, 2019

<https://www.tu-chemnitz.de/mathematik/fima/cms-mmei/>

The focus is on computational management science with emphasis on risk management, valuation problems and measurement applications. This includes optimal risk control problems, stochastic optimization, robust and distributionally robust optimization methods as in the tradition of CMS conferences. Increasingly over the years the conference attracted scholars from different scientific communities and Euro working groups, ranging from the optimization to the statistical, econometrical and applied maths communities and touching several application domains, including finance, energy, supply chain management and logistic problems.

The conferences aim to present state of the art research and modern applications in all fields with decisions under uncertainty. The conferences bring together researchers working on stochastic optimization, decisions under uncertainty and practitioners in industrial sectors to share theoretical results and practical advances.

*December 31st, 2018: **early registration**

***January 31st, 2019: submission** of abstracts

*February 28th, 2019: **registration**

POMS 30th Annual Conference

Washington, USA, 2-6 May, 2019

<https://pomsmeetings.org/conf-2019/index.html>

Interested participants are invited to submit abstracts of continuous text (no bullet points, no math/Greek symbols) no longer than 50 words describing their presentation. The title should be no longer than 15 words. Submission should include information about all co-authors including full name, organization, and contact email. The system will also ask to identify the name of the paper presenter. One person can present at most three papers.

For any questions, please contact one of the conference chairs or Sushil Gupta, POMS Executive Director at pomsmeeting@gmail.com.

The last date to submit abstracts is **November 30, 2018**.

CPAIOR 2019

Thessaloniki, Greece, 4-7 June, 2019

<http://cpaior2019.uowm.gr/>

The aim of the conference is to bring together interested researchers from Constraint Programming (CP), Artificial Intelligence (AI), and Operations Research (OR) to present new techniques or applications and to provide an opportunity for researchers in one area to learn about techniques in the others. A main objective of this conference series is also to give these researchers the opportunity to show how the integration of techniques from different fields can lead to interesting results on large and complex problems. Therefore, papers that actively combine, integrate, or contrast approaches from more than one of the areas are especially solicited. High quality papers from a single area are also welcome, if they are of interest to other communities involved. Application papers showing CP/AI/OR techniques on novel and challenging applications or experience reports on such applications are strongly encouraged.

Submission schedule for regular papers (both long and short):

Abstracts: **November 18, 2018**

Full papers: November 27, 2018

Rebuttal Phase: January 6-20, 2019

Notification: January 31, 2019

Camera-ready version: March 1st, 2019

Schools and Courses

Winter School on Optimization and Operations Research

Zinal, Switzerland, 13-18 January, 2019

<http://transp-or.epfl.ch/zinal/>

The objective of the Winter School is to expose the audience to modern topics on Optimization and Operations Research. Every year, two prominent researchers are invited to provide tutorials on selected topics, and to discuss some of their recent research with the students. Designed for doctoral education, the course is open to academic researchers (professors, researchers, PhD students) and professionals (from industry and public authorities), interested in optimization and operations research.

December 16, 2018: deadline for early registration
January 12, 2019: deadline for late registration

Publications



European Journal on Computational Optimization

Special Issue: Call for Papers on Bilevel Optimization

Guest Editors: **Luce Brotcorne, Bernard Fortz, Martine Labbé**

Deadline for submission: **October 31, 2018**

<https://www.euro-online.org/web/pages/1636/bilevel-optimization>

Bilevel Programming is a fairly recent branch of optimization that deals with programs whose constraints embed an auxiliary optimization problem. Bilevel programs are pervasive and are commonly found in a number of real-world problems. This includes problems in the domains of transportation, energy, economics, decision science, environmental economics, etc. Efficient exact or approximate solution algorithms for such problems must exploit the structure of the problems at hand.

The aim of the special issue is to invite high-quality manuscripts addressing bilevel optimization problems and presenting convincing numerical results.

In order to submit a paper for the special issue,

1. Log on the editorial manager via the website <https://www.editorialmanager.com/ejco/>
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 (« **SI: Bilevel Optimisation** »). Note that all entries corresponding to the special issues start with SI.



European Journal on Decision Processes

Special Issue: Call for Papers on Behavioural Operational Research

Guest Editors: **L. Alberto Franco, Raimo P. Hämäläinen**

Deadline for submission: **December 1, 2018**

Motivation

While behavioural considerations affecting the effectiveness of OR-supported decision processes are well known to the practitioner community, the academic community had left those considerations to the social science disciplines, focusing instead on issues associated with the modelling task, which might be perceived as simpler or more manageable to address. Against this trend, there has been increasing attention to the behavioural dimension in OR in recent years, as demonstrated by events such as the Behavioural OR streams at the 2015-16 EURO conferences and the 2014 & 2017 IFORS conferences, the 2016 Behavioural OR Summer School, the launch of the European Working Group in Behavioural OR in 2017, and the recognition by other journals of Behavioural OR as a legitimate scholarly domain. The goal of this Feature Issue is to produce a representative collection of original empirical studies that explicitly consider the behavioural dimension in OR-supported decision processes. This can be achieved by providing empirical accounts that focus on one or more of the following: developing models that incorporate the behaviour of agents in a given situation or system; describing the actual behaviour of agents in OR-supported processes; and, assessing the impact of agents' behaviour on OR-supported processes (or vice versa).

Contents

The Feature Issue seeks to engage members of the OR academic and practitioner communities who share an interest in the behavioural aspects of OR-supported processes. We will therefore consider empirical manuscripts that attend to behavioural considerations along the lines outlined above, and make a contribution to improving the effectiveness of OR-supported decision processes. We welcome empirical studies that draw from a variety of different disciplines and theoretical perspectives (e.g. psychology, economics, sociology, communication, practice theory), and use a variety of research strategies and methods for collecting and analysing data.

Schedule

Submission of full papers to the Feature Issue is through the EJDp electronic submission system: <https://www.editorialmanager.com/ejdp>, selecting article type **SI:Behavioural OR**. Prospective authors can contact the guest editors with an extended abstract (1.5 pages max, A4 size) of a proposed paper via e-mail (L.a.franco@lboro.ac.uk; raimo.hamalainen@aalto.fi), and ask for feedback before submitting the full paper.



IGI Global

Call for Chapters: Energy-Saving Technologies for Environmentally-Friendly Agricultural Development

Editors: Valeriy Kharchenko, Pandian Vasant

<https://www.igi-global.com/publish/call-for-papers/call-details/3495>

The book is intended for agricultural business executives who are going to start and develop production, primarily in agricultural production. It will be useful for practical workers in the agro-industrial sector, small entrepreneurs, and local authorities. This will be a useful book for scientists, engineers and technicians engaged in research and development of new technologies and will offer new effective technical means to solve the problem of energy consumption decrease in the agro-industrial sector and in the housing and communal services sector in the countryside.

November 3, 2018: Chapter Proposal Submission Deadline

December 15, 2018: Notification of Acceptance

January 16, 2019: Full Chapter Submission



OR Spectrum

Special Issue: Call for Papers on Innovative Use of Technology and Analytics for Humanitarian Operations

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

Deadline for submission: **November 30, 2018**

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 under 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 use of new technologies, or an innovative use of state-of-the-art technologies, promises to overcome some of the

limitations of humanitarian aid. The special issue will focus on contributions investigating the application of novel approaches, either on the side of technologies or analytics, to the area of disaster management and humanitarian operations.

Submission Guidelines and Review Process:

Papers must be submitted at <http://www.editorialmanager.com/orsp/> under the category "S.I. Innovative Use of Technology and Analytics for Humanitarian Operations" by **November 30, 2018**. 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 wanted that match the scope of the journal, show rigor 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. Submissions are supposed to be well-grounded in realistic applications.



Central European Journal of Operations Research (CEJOR)

Special Issue: Call for Papers on Human Factors in a Contemporary Organization

Guest Editors: **Krzysztof Hankiewicz, Gerhard-Wilhelm Weber**

Deadline for submission: **November 30, 2018**

On the occasion of the International Seminar of Ergonomics, to be held in Poznan, Poland (May 23-25, 2018) (<http://www.iset.poznan.pl/>), the Central European Journal of Operations Research (CEJOR) invites submissions of papers to a special issue. The special issue will focus on theoretical, methodological and applied Operational Research contributions to improvements for both organizations and humans related with them.

International Ergonomics Seminars series in Poland aims to create an opportunity to share experiences between practitioners and theoreticians who deal with various areas of ergonomics. 31st seminar's main topic is "Human Factors in a Contemporary Organization", broadening the scope of ergonomics as it was discussed in the past.

Following both the aforementioned tradition and the special subject, this CEJOR Special Issue aims to be a forum for debate and exchange on new knowledge, experiences and avenues, to address OR activities towards a better human-supported, and a more human-friendly and qualitative world of tomorrow in contemporary and emerging industries, managerial and administrative sectors, both public and private, and in daily life.

The format of manuscripts for Central European Journal of Operations Research (CEJOR), as well as guidelines and templates can be found on the following web page:
<http://www.springer.com/business+management/operations+research/journal/10100>.

During the online submission, please make sure to select "SI: Human Factors in a Contemporary Organization" in the first step of the submission process.



Annals of Operations Research

Special Issue: Call for Papers on Neural Networks, Nonlinear Dynamics, and Risk Management in Banking and Finance

Guest Editors: **Duc Khuong Nguyen, Hans-Jörg von Mettenheim, Charalampos Stasinakis**

Deadline for submission: **November 30, 2018**

http://rutcor.rutgers.edu/CfP_Networks%20&%20Risk%203-9-18.pdf

The area of banking and finance features many complex, non-linear, and dynamic problems. This provides a rich opportunity to apply advanced operations research methods to the outlined areas. Especially when considering the aspect of financial risk management, a vast field of application possibilities emerges. Additionally, in financial applications, researchers and practitioners are faced with a host of data, including high-frequency financial data but also alternative data (like sentiment data or weather data) often not included in financial analysis.

This special issue aims to represent a collection of papers that exploit recent advances in the application of OR to state of the art modeling techniques in banking and finance.

Authors should submit a cover letter and a manuscript by **November 30, 2018**, via the Journal's web-based system, Editorial Manager (<http://www.editorialmanager.com/anor>), choosing "S.I.: Networks and Risk Management" as the article type. Manuscripts submitted after the deadline may not be considered for the special issue and may be transferred to a regular issue.

Instructions for authors (including LaTeX macro package and Word guidelines) can be found at <http://www.springer.com/business/operations+research/journal/10749>.



Annals of Operations Research

Special Issue: Call for Papers on Applications of Advances in Operations Research Methods to Achieve Sustainable Development Goals (SDG's) in a Supply Chain Management Environment

Guest Editors: **Kannan Govindan**

Deadline for submission: **December 1, 2018**

<http://rutcor.rutgers.edu/New%20Govindan%20call.pdf>

The main objective of this Special Issue (SI) is to invite academic practitioners to contribute a better understanding of the scientific basis for decoupling economic growth from resource depletion and environmental degradation while improving human lives with the assistance of advanced OR methods. It is believed that advanced optimization models and algorithms can improve data-driven decision models by either formulating pattern discoveries and knowledge extraction problems or by defining efficient algorithms for implementing SDGs in supply chain management at a macro level. Additionally, new algorithms continually make efficiency gains and improve the applicability of older algorithms. Virtually every numerical analysis includes several optimization algorithms that can be applied to design sustainability in supply chain. With these concerns, this SI pertains to sustainable supply chain management (SSCM) by making direct connections between resources, the environment, the economy, and the goal of achieving SDGs in different parts of the world through OR methods.

Instructions for authors can be found at:

<http://www.springer.com/business/operations+research/journal/10749>

Be sure to note when leaving a comment that your work is intended for the special issue and to select the article type "S.I.: OR for Sustainability in Supply Chain Management"



Journal of Advanced Transportation

Special Issue: Call for Papers on Operations Research for Transportation and Sustainable Development

Guest Editors: **Helena Ramalinho, Eduardo Lalla-Ruiz, Belen M. Batista, Marcos M. Vega**

Deadline for submission: **December 14, 2018**

<https://www.hindawi.com/journals/jat/si/627526/cfp/>

This special issue aims at examining the current progress, challenges, and approaches in transportation to achieve a sustainable development through optimization. Thus, the scope of this issue covers high-quality original research and review articles focusing on the use of operations research techniques (mathematical programming, metaheuristics, simulation based approaches, game theory, etc.) to deal with transportation for promoting a sustainable development, mitigating the negative environmental impacts, and identifying main opportunities to accelerate the transition to sustainability.

Authors can submit their manuscripts through the Manuscript Tracking System at <https://mts.hindawi.com/submit/journals/jat/otsd/>.



Production & Manufacturing Research

Special Issue: Call for Papers on Intelligent Algorithms for Customized Manufacturing

Guest Editors: **Mukund Nilakantan Janardhanan, Mauro Gamberi, Francesco Pilati, Ibrahim Kucukkoc**

Deadline for submission: **December 30, 2018**

<http://explore.tandfonline.com/tpmr-call-for-papers>

This special issue is aimed to disseminate the research findings in relation to decision making, optimization and management of customized manufacturing systems. In this special issue, focus will be on analytical and intelligent optimization algorithms utilized for addressing significant theoretical and practical issues.

For all other guidelines for submission please see our **Instructions for Authors**.



Decision Sciences

Special Issue: Call for Papers on Data Analytics for Operational Risk Management

Guest Editors: **Ozgur Merih Araz, Tsan-Ming Choi (Jason), David L. Olson, Sibel Salman**

Deadline for submission: **March 15, 2019**

<https://wol-prod-cdn.literatumonline.com/pb-assets/DSJ%20Call%20for%20Papers%20March%202019.pdf>

In this special issue we are looking for novel and timely studies that address operational risk management enhancing the value of analytics for explanatory, predictive and decision optimization purposes. We are especially interested in exploring issues in complex operational settings and presenting robust emergency response plans for a variety of catastrophic events and operational disruptions. Papers including case studies, theoretical modeling and empirical research are encouraged for submission, although specific interest is on novel contributions presenting design of management information systems that integrate data management and data driven analytical models which are generalizable for problem solving in a broader context.



Transactions on Fuzzy Systems

Special Issue: Toward Humanoid Robots: Fuzzy Sets and Extensions

Guest Editors: **Cengiz Kahraman, Muhammet Deveci, Seda Türk**

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

This special issue includes the recent developments and the theories associated with fuzzy set models. The target audience includes both academics and practitioners from the industry having an interest in the theory and practice of those models.

All authors should read 'Information for Authors' before submitting a manuscript at

<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 Toward Humanoid Robots: Fuzzy Sets and Extensions**'

Competitions, Prizes and Awards



VeRoLog Solver Challenge

<https://verolog2019.ortec.com/>



The next VeRoLog conference will take place in the beautiful Seville, see <https://verolog2019.sciencesconf.org>.

Besides the excellent scientific and social programs, the conference also ends the VeRoLog Solver Challenge 2019 which just started this September. The challenge revolves around an exciting routing problem faced by ORTEC which has received little attention in the literature so far. This problem combines distribution and subsequent installation of equipment, such as vending machines. The organization has provided a comprehensive description of the problem, instances and some resources (such as a solution validator) on the challenge website <https://verolog2019.ortec.com>. The challenge consists of two parts. Participants may compete – and win money prizes – in one or in both parts of the challenge. Additionally, selected participants will have the possibility to present during the conference in Seville and to publish in a special issue of the journal Networks. The organization and the prizes are provided by ORTEC and will be awarded during the conference. The winning team receives

€ 2019, the second best € 500 and the third € 250.

2019 Syngenta Crop Challenge in Analytics



<https://www.ideaconnection.com/syngenta-crop-challenge/>

The 2019 Syngenta Crop Challenge in Analytics, brought to you by the Analytics Society of INFORMS, is now open. By accepting the crop challenge, you and your team will demonstrate how data can be used to feed the future world for a chance to share in prize money of \$5,000 for first place, \$2,500 for second place and \$1,000 for third place.

The population of Earth is growing by 200,000 people per day and is projected to reach 9.8 billion in 2050, yet our world is running out of cropland - land needed to produce food. And we're currently using our arable land and water 50 percent faster than the planet can sustain. At the same time, the crops farmers plant face an unprecedented set of obstacles due to increasingly limited growing conditions and climate change. How will we be able to grow enough food to meet the world demand?

In particular, this year's competition focuses on the following two research problems that could potentially help plant breeders develop more resilient crops:

1. Can environmental data be aggregated into useful metrics representing stresses encountered by corn hybrids throughout a growing season?
2. Can these metrics be used to discriminate between corn hybrids tolerant and susceptible to the stresses they represent?

Submissions are due **January 18, 2019**. Finalists will be announced in March and will present their work during the INFORMS Business Analytics Conference April 14-16, 2019 in Austin, Texas and winners will be announced near the end of the conference.

Upcoming Conferences

[Click on the table below to download a pdf of upcoming events](#)

Event Date	Event	Location	Deadline
22nd-27th October 2018	9th Moscow International Conference on Operations Research (ORM 2018)	Moscow, Russia	31st March 2018
24th-25th October 2018	RTDM 2018 (Symposium on Rail Transport Demand Management)	Darmstadt, Germany	15th April 2018
27th-31st October 2018	MTA 2018 (International Conference on Metaheuristics and Nature Inspired Computing)	Marrakech, Morocco	15th May 2018
30th October - 1st November 2018	International Conference on Industrial Engineering and Operations Management	Pretoria / Johannesburg, South Africa	30th July 2018
4th-7th November 2018	2018 INFORMS Annual Meeting	Phoenix, AZ, USA	15th May 2018
15th November 2018	Recent Advances in Multi-Objective Optimization	Nantes, France	1st November 2018
22nd-23rd November 2018	DAZP 2018: From Multiple Criteria Decision Aid to Preference Learning	Poznań, Poland	8th September 2018
23rd November 2018	90 years Austrian Society of Operations Research (ÖÖGÖR)	Vienna, Austria	
23rd-24th November 2018	Colloquium on Combinatorics (Kolom 2018)	Paderborn, Germany	31st October 2018
9th-12th December 2018	WIC 2018 (Winter Simulation Conference)	Göteborg, Sweden	15th April 2018
9th-12th December 2018	7th International Conference on Advanced Logistics and Transport (ICALT 2018)	Montreal, Canada	31st August 2018
10th-11th December 2018	Conference on Scenario Planning and Foresight	Coventry, UK	30th September 2018
10th-12th December 2018	8th VOCA Optimization Conference: Advanced Algorithms (VOCA 2018)	Esztergom, Hungary	17th September 2018
10th-12th December 2018	MathSport Asia 2018	Jamshedpur, India	10th August 2018
16th-19th December 2018	51st Annual Convention of ORSI and International Conference (ORSI-2018)	Mumbai, India	31st August 2018
17th-19th December 2018	Vienna Workshop on Computational Optimization	Vienna, Austria	15th July 2018
20th-22nd December 2018	9th International Conference on Business Analytics and Intelligence	Bangalore, India	10th August 2018
13th-18th January 2019	Winter School on Optimization and Operations Research	Zinal, Switzerland	16th December 2018
14th-18th January 2019	8th edition of the Winter School on Network Optimization	Estoril, Portugal	31st October 2018
29th-31st January 2019	OLA 2018 - Int. Workshop on Optimization and Learning	Bangkok, Thailand	2nd November 2018
7th-8th February 2019	33rd annual conference of the Belgian Operational Research Society (ORBL 33)	Hasselt, Belgium	21st November 2018
13th-15th February 2019	Matrix Analysis: Methods in Stochastic Models (MAM20)	Tasmania, Australia	30th October 2018
19th-21st February 2019	SCAOR 2019	Le Havre, France	14th November 2018
11th-12th March 2019	EWG on Practice of OR: Second Workshop	Bologna, Italy	
26th-29th March 2019	3rd AIRYoung Workshop + PhD school	Rome, Italy	
27th-29th March 2019	CMO 2019 and MML 2019	Chemnitz, Germany	31st January 2019
24th-26th April 2019	EvoCOP 2019 - The 19th European Conference on Evolutionary Computation in Combinatorial Optimization	Leipzig, Germany	1st November 2018
25th-26th April 2019	2nd IMA and OR Society Conference on Mathematics of Operational Research	Aston, UK	31st December 2018
1st-6th May 2019	PCMS 20th Annual Conference	Washington, USA	30th November 2018
13th-14th May 2019	ORSS Conference 2019	Israel	
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	EDSST 2018 EWG/DSS 5th International Conference on Decision Support System Technology	Madeira Island, Portugal	30th November 2018
30th May - 1st June 2019	ECOC 2019	Sliema, Malta	17th March 2019
3rd-5th June 2019	Vehicle Routing and Logistics Optimization 2019	Seville, Spain	31st January 2019
4th-7th June 2019	CPAOR 2019	Thessaloniki, Greece	18th November 2018
5th-7th June 2019	EWGLA XXV - EURO Working Group on Location Analysis	Brussels, Belgium	15th January 2019
9th-12 June 2019	INFORMS AUG 2019	Cancun, Mexico	13th March 2019
12th-14th June 2019	INOC 2019 International Network Optimization Conference	Aujon, France	15th February 2019
16th-21st June 2019	5th International Conference on Multiple Criteria Decision Making (MCDM 2019)	Istanbul, Turkey	16th January 2019
19th-21st June 2019	Advances in Design Analysis 2019	Milan, Italy	10th January 2019
22nd-26th June 2019	EURO 2019 - 39th European Conference on Operational Research	Dublin, Ireland	
28th-29th June 2019	EUROPT 2019 - 17th EUROPT Workshop on Advances in Continuous Optimization	Glasgow, UK	
1st-3rd July 2019	MathSport International 2019	Athens, Greece	1st February 2019
8th-10th July 2019	World Congress on Global Optimization (WGO)	Metz, France	31st January 2019

Contact Us

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



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