



THE ASSOCIATION OF
EUROPEAN OPERATIONAL
RESEARCH SOCIETIES

EURO Newsletter # 78
January 14, 2020

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.

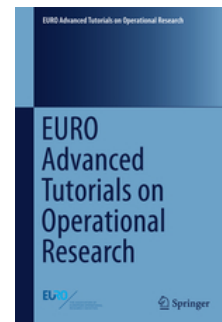
EURO Journal on Computational Optimization (EJCO), published by Springer. It was officially launched in 2011. Its Editor in Chief is Martine Labbé.

EURO Journal on Decision Processes (EJDP), 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 Dominique Feillet.

We now have 10 **tutorials** published in the series of EURO Advanced Tutorials. Please take a look at our titles:

- ***Orienteering Problems**
- ***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 News



Farewell and Best Wishes to EURO Past President Richard Eglese



We are extremely grateful to Richard for his leadership and friendship and we are sad to say farewell after his four years on the Executive Committee. His commitment, insight, and diligence have been invaluable and we hope for continued guidance and support as we remain in contact over the coming years. We wish him well and offer our sincere thanks and best wishes.

Also our thanks and best wishes to Albert Wagelmans

Albert served as the Vice President 1 in charge of conferences. He was on the committee for four years, providing invaluable help and guidance, working not only on the Poznań, Valencia and Dublin conferences but also ensuring continuity in having prepared the way for events at least until 2022. With his always positive and constructive approach, Albert also provided good advice on all aspects of EURO; we enjoyed working with him and wish him every success and hope to stay in touch.



Welcome to New Members



In January we welcome two new members to the Executive Committee.

Marc Sevaux, President Elect

Marc, Université de Bretagne Sud, will serve as EURO President in 2021-2022. He is a former VP2, Programme Chair for the joint EURO-k/INFORMS Conference in Rome in 2013, and is a coordinator of the EURO Working Group on Metaheuristics. Marc has a strong and active OR background and we look forward to working with him.

Joanna Józefowska, VP1

Joanna, Poznań University of Technology, will be responsible for conferences. With her experience as the Organising Chair for the highly successful EURO-k conference in Poznań in 2016 we are convinced that she can bring an even higher standard to future EURO events. We are excited to welcome her to the EC.



EURO Support for NATCOR Bursaries 2020



Website

NATCOR, a National Taught Course Centre in Operational Research, delivers taught courses in the UK to PhD students on a number of different topics in OR. Please see the NATCOR website for more details: <http://www.natcor.ac.uk/>

EURO is pleased to announce the availability of a limited number of bursaries for PhD students to attend NATCOR courses. <https://www.euro-online.org/web/pages/1568/natcor-bursaries>

- * **Heuristics & Approximation Algorithms, Nottingham, 20th-24th April 2020**
- * **Convex Optimization, Edinburgh, 1st-5th June 2020**
- * **Forecasting & Predictive Analysis, Lancaster, 21st-25th September 2020**
- * **System Dynamics, Southampton, January 2021**

The NATCOR course fees and accommodation (typically bed and breakfast) will be funded by EURO for successful candidates.

Applicants must be PhD students, from one of the EURO member countries or studying in one of the EURO member countries. (see <https://www.euro-online.org/web/pages/1457/current-member-societies>). Applicants must have good English Language skills as all NATCOR courses will be in English. Preference will be given to students in their first or second years but all are welcome to apply. Preference will also be given to applicants who have not previously received support from EURO for NATCOR or other PhD schools.

To apply for a bursary, candidates from a EURO member society country, or studying in a EURO member society country, should submit a zip file containing the application form, their curriculum vitae (including their academic track record), a letter outlining their motivation to attend, and a letter of recommendation from their supervisor (see **EURO website** for submission information). Applicants should declare on their application if they are receiving any additional support from their PhD funding body or other sponsor.

Important Dates

Deadline for applications: **January 20, 2020**

Notification of acceptance: February 4, 2020



IFORS 2020

The 22nd Conference of the International
Federation of Operational Research Societies

2020 IFORS Conference

Seoul, Korea, 21-26 June, 2020



Website

The Organizing and Program Committees for IFORS 2020 welcomes all operations researchers to attend the 22nd Conference of the International Federation of Operational Research Societies (IFORS).

Dates: June 21-26 (Sun-Fri), 2020

Location: Seoul, Korea

Abstract submission closes: **17th January 2020**

Submit an abstract: <https://www.euro-online.org/conf/ifors2020/>

Interested in organizing one or more sessions? Please go to the list of Area Chairs at <http://www.ifors2020.kr/sub02/sub02.php> and send email to the Chair(s) of the most relevant area.

Please visit the IFORS 2020 webpage (www.ifors2020.kr) to learn more about important dates, abstract submission, registration, special issues of journals, the social program and accommodation.

The IFORS 2020 conference will highlight global developments in operations research and show how the tools of operations research are expanding their impact on society, health, science and industry. IFORS conferences, held only once every three years, provide a platform for experts from around the world to showcase the diverse potential of state-of-the-art operations research techniques and technologies. IFORS 2020 offers a unique opportunity to network with operations research analysts, industrial users of operations research, and academic and industry experts from all parts of the globe.

This is the first IFORS conference to be held in Asia since the 15th conference in China 20 years ago. It is thus an exciting opportunity to bring together operations researchers from the field in Asia, where it has experienced vigorous and rapid growth, with colleagues from all regions of the world.

The conference includes a Wednesday-afternoon social event where you can choose among a variety of tours, such as the Demilitarized Zone tour, where you can witness the history of Korea's division, the Industrial Tour to Korea's leading ICT companies, as well as other programs that will explore K-POP and Hallyu, K-Beauty and K-Culture, and show you the most historic buildings and markets in the city.

The timing of the meeting in late June assures that it will be warm and sunny.

Four plenary speakers headline the scientific program:

- **Gang Yu**, who is co-founder and CEO of 111, Inc and previously head of world-wide supply chain for Amazon, VP for worldwide procurement for Dell, Inc and CEO of Yihaodian, a leading ecommerce company in China;
- **Robin Keller**, Professor at UC Irvine and former editor-in-chief of the Journal Decision Analysis, her research spans the areas of multiple attribute decision making, fairness, perceived risk, and planning protections against terrorism, environmental, health, and safety risks;
- **Luk Van Wassenhove**, Professor at INSEAD whose research focuses on business models and the UN Sustainable Development Goals, he co-edited several special issues on humanitarian operations for leading international journals; and
- **Maria Conceição Andrade Silva [EURO Plenary]**, Professor at Católica Porto Business School, Portugal, who is a world expert in Data Envelopment Analysis, and in the field of efficiency and productivity measurement, having applied it in many contexts, including bank branches, schools, retail outlets, water companies, general practice units, hospitals and courts.

Highlighting the achievement of Korean industry, there will be the chance to hear from the executive level of leading Korean companies, including from Dr. WP Hong, who is currently President and CEO of Samsung SDS, the largest IT solutions and services provider in South Korea.

There will also be a stimulating line-up of Keynote Speakers: experts giving an extended exposition of an evolving technical field or emerging domain. These include the following, with more Keynote Speakers to be announced in the coming weeks:

- **Joseph Wu**, Professor at the University of Hong-Kong, an expert on infectious disease control and prevention using mathematical and statistical modelling, and on the translation of results into public health policies;
- **Prashant Yadav**, previously a Bill & Melinda Gates Foundation Strategy Leader, now a Visiting Fellow at Harvard University, and an expert on healthcare supply chains and supply chains with social benefit;
- **Martin Bichler**, Professor at TU Munich, an expert on market design, with a focus on optimization, incentives, and economic behavior, and on algorithmic game theory and computational social choice;
- **Regina Berretta**, Professor at the University of Newcastle, Australia, an expert in metaheuristics, bioinformatics and optimization for food supply chains; and

• **Wotao Yin**, Head of the Decision Intelligence Lab at Alibaba's DAMO Academy, which focuses on research in machine learning and optimization for Operations Management practice.

Several special issues of journals will be associated with the meeting. So far, special issues

- ITOR, "OR in Healthcare"
 - ANOR, "Operations Research for Neuroscience" and
 - Journal on Dynamics and Games, "Games in economics, finance, human resource management, and neuroscience"
- have been announced.

IFORS, and the IFORS Conference Organizing Committee and Program Committee are looking forward to greeting you in Seoul in 2020!



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

EURO PhD Schools in 2020



EURO PhD School on MCDA/MCDM

6-17 July 2020, Ankara, Turkey

<http://mcdm.metu.edu.tr/>

Deadline for Application: **February 1, 2020**

Call for Application

In order to submit your application, please email the following information to mcdmss20@metu.edu.tr:

* a motivation letter

* CV with photo

* a recommendation letter from a scientific advisor, students who are in need of financial support will also apply for support and the advisors should verify this need.

* the **application form** filled with your information

You will receive a confirmation of application submission.

The deadline for the submission of applications is February 1, 2020. The results of the selection process will be announced by February 15, 2020. If accepted, you will receive an e-mail with instructions for registration.

The number of participants will be limited to 50.

EURO PhD School on Data Driven Decision Making and Optimization

10-19 July 2020, Seville, Spain

<https://congreso.us.es/epsdata/>

Deadline for Application: **January 15, 2020**

To **apply** to the EURO PhD School on Data Driven Decision Making and Optimization the candidates should be from a EURO member society country, or studying in a EURO member society country. Preference will be given to applicants who have not previously received support from EURO for other PhD schools.

PhD students need to apply to be admitted to the EURO PhD School. The candidates will be required to have basic knowledge of Mathematical Optimization, Operations Research or Statistical Data Analysis. Applications should be submitted via email to tecnico-imus@us.es, with the subject "**Application to EURO PhD School in Seville**". For the application the following documents are needed:

- * Curriculum Vitae from the applicant
- * A letter of motivation from the applicant to attend EURO PhD School
- * Recommendation letter from the PhD supervisor

Those applicants admitted to the EURO PhD School will be automatically considered for a scholarship to partially cover the fees of the EURO PhD School.

The applications will be reviewed by the scientific committee. The committee will consider (amongst other criteria): the excellence of the applicants, the area they are working in, and the benefit to the PhD student of attending the EURO PhD School. The applicants will be notified by February 1, 2020.

EURO PhD School on Sustainable Supply Chains 19-23 July 2020, Lisbon, Portugal

<https://epsinssc.tecnico.ulisboa.pt/>

Deadline for Application: **January 20, 2020**

There are 30 available seats for the 2020 Sustainable Supply Chains Summer School. Due to the limited capacity there is an application processes for those that want to participate.

To apply to the EURO PhD School on Sustainable Supply Chains the candidates should be from a EURO member society country, or studying in a EURO member society country. Preference will be given to applicants who have not previously received support from EURO for other PhD schools.

Applications are open until January 20, 2020, via this **form**.

For the application the following documents are needed:

Application letter

-Name, affiliation, and email-address

-PhD program enrolled in, current stage of studies, PhD supervisor's names

-Background in Sustainability and in Operations Research

-Motivation to attend the PhD School

Curriculum Vitae

Recommendation letter from the PhD supervisor

EWG CFM, EURO working group on Commodities and Financial Modelling

64th EWGCFM meeting and XVIII International Conference on Finance and Banking

Bucharest, Romania, 26-28 March, 2020

[Website](#)



We are pleased to announce the joint conference in occasion of the 64th EWGCFM meeting and the XVIII International FIBA conference. The aim is to exchange ideas of the state-of-the-art for new research results, perspectives of upcoming progresses, and novel applications relevant for markets, finance and banking.

The two conferences will have some sessions in common, according to specific research topics, while other sessions will be scheduled in line with the standard conference organization. A round table on "The role of Fintech in the financial market dynamics" will be organized in line with the EWGCFM tradition, where participants from academia and financial institutions share their ideas. Regular parallel sessions will be organized with the presentation of refereed papers followed by a discussant presentation. The discussant assignments will be made by the conference organizers until March 12, 2020. Each paper will be sent to the discussant by the conference organizers. A maximum two papers for each participant are allowed.

Important deadlines

Paper Submission Deadline: **January 12, 2020**

Notification of paper acceptance/rejection: February 16, 2020 by e-mail to the corresponding author.

Early birds registration fee: February 21, 2020

Submission of papers

The submitted papers must not have been previously published or currently submitted for publication elsewhere. At the conference will be accepted maximum two papers for each participant.

Only full papers may be submitted in PDF (one PDF where must be indicated the author/s of the paper and other PDF without the author/s of the paper). Papers should be submitted to: fiba@fin.ase.ro

EWG ESICUP, EURO working group on Cutting and Packing

17th ESICUP Meeting

Toledo, Spain, 22-24 April, 2020



Website

17th ESICUP workshop, 22-24 April, Toledo (UNESCO world heritage site), Spain. Hosted by the University of Castilla-La-Mancha.

SUBMISSION GUIDELINES

To be considered for presenting at the 17th ESICUP Meeting, submit an abstract (3000 characters maximum, approximately 1 page) summarising the research, including details of the problem tackled, the methodology used and the main conclusions drawn. You may submit by sending an email to esicup@gmail.com, that includes: Title, Authors, Affiliation, Abstract and Keywords.

Important Dates

Abstract Submission deadline: **15th February 2020**

Notification of Acceptance: 1st May 2020

We are glad to offer the following **bursaries** for the next 17th ESICUP meeting. If you want to apply to any of this bursaries please specify this when submitting the abstract to esicup@gmail.com.

- Two bursaries for Eastern European countries of €250 each.
- Two bursaries for PhD students of €250 each.
- One bursary for South American countries of €500.

EURO working group on Retail Operations

5th EURO Working Group Meeting on Retail Operations

Istanbul, Turkey 6-8 May, 2020



Website

The 5th meeting of EWG-Retail will take place in 6-7 May 2020 at Koç University Founders Lounge, located at Sarıyer Campus–Istanbul, on the hills of beautiful Bosphorus. This year participating speakers will also be welcomed to the 10th KUMPEM Retail Conference Industry Day at Conrad Istanbul Hotel on May 8th, if they choose to register.

The EURO Group on Retail Operations was started in 2016 and has met on a yearly basis in Beilngries (Germany), Porto (Portugal) and Eindhoven (Netherlands) and Mallorca, Spain. More information can be found at <http://www.ewg-retail-ops.eu/>

For this occasion, we would like to provide more time to strengthen the interactions among participants, and to foster joint research projects within the group.

Abstract Submission

If you are interested to present your work at the meeting – either in a full talk of 20 minutes or in the poster sessions – please submit by **February 1, 2019** (midnight EST):

1st of February – Deadline of abstract submissions

15th of February – Notification of acceptance

25th of February – Deadline for registration

Please provide:

* Title

* Authors and affiliations

* Abstract

Please send the information above by email to ewgonretailoperations@ku.edu.tr

This year participants will also be welcomed to stay for the 10th KUMPEM Retail Conference as well – to present or participate.

Moscow Conference on Combinatorics, Graph Theory and Applications (MoCCA'20)

Moscow, Russia, 11-15 May, 2020

[Website](#)

The aim of the conference is to bring together experts in extremal and additive combinatorics, graph theory, random graphs and complex networks, optimization and operations research.

There will be a number of plenary and contributed talks, as well as invited mini-symposia talks.

Plenary speakers include:

- József Balogh (University of Illinois, USA) tentatively
- Michel Bierlaire (École Polytechnique Fédérale de Lausanne, Switzerland)
- Stefano Boccaletti (Institute for Complex Systems, Italy)
- David Conlon (California Institute of Technology, USA)
- Brendan McKay (Australian National University)
- Jose Mendes (University of Aveiro, Portugal)
- János Pach (Renyi Institute, Hungary and MIPT, Russia)
- Ilya Shkredov (Steklov Institute of Mathematics and MIPT, Russia)
- Ola Svensson (École polytechnique fédérale de Lausanne) tentatively
- Uli Wagner (Institute of Science and Technology, Austria)

A limited number of contributed talks will be included in the program of the conference. When registering, please indicate as soon as possible if you wish to give a talk. The abstracts of the talks should be submitted by **29.02.2019**. A decision will be made by 15.03.2019.

EWG CFM, EURO working group on Commodities and Financial Modelling

XIII International Summer School on Risk Measurement and Control: Special Session Fintech and Digital Banking

Rome, Italy, 3-6 June, 2020

[Website](#)



FINTECH AND INNOVATION

Held by:

- * David Shrier, Oxford University
- * Sheri Kaiserman, Advanced Security

THE FUTURE OF MONEY AND MARKETS

Held by:

- * Nick Ogden: CEO Clear Bank
- * Marcello Minenna, Consob, Italy

DEEP DIVE IN FINTECH: BANKING, INSURANCE, ASSET MANAGEMENT

Held by:

- * Stefano Del Punta, CFO ISP
- * Nassim Nicholas Taleb

TECHNOLOGICAL DISRUPTIONS, BLOCKCHAIN, CRYPTOCURRENCIES, AI AND BIG DATA

Held by:

- * Carol Alexander, Sussex University
- * Massimo Morini, Università Bocconi, Italy

REGTECH, CYBERISK, IDENTITY, SECURITY PRIVACY

Held by:

* Veronica Lange, Head of Innovation UBS

IMPACTS OF FINTECH ON SOCIETY

Held by:

* Helyette Geman, Birkbeck University and John Hopkins University

SPEAKING TO FINTECH'S LEADERS: WINNING THE MARKET

Held by:

* David Yermack, Stern School, New York University

* Pasquale Cirillo, Delft University of Technology

EWG ECCO, EURO working group on Combinatorial Optimization

ECCO XXXIII 2020 Conference

St. Petersburg, Russia, 4-6 June, 2020



[Website](#)

The 33rd Conference of the European Chapter on Combinatorial Optimization (ECCO 2020) will be held in the beautiful city of St. Petersburg on June 4–6, 2020, during the white nights season. It will be hosted by St. Petersburg Department of Steklov Mathematical Institute of the Russian Academy of Sciences. The ECCO annual meetings aim to bring together researchers in the field of Combinatorial Optimization to present their work, share experiences, and discuss recent advances in theory and applications.

The plenary speakers will include **Laureano F. Escudero**, **Martine Labbé** and **Mihalis Yannakakis**.

Submissions

Authors are invited to submit a one page abstract as pdf using a LaTeX template . At least one author of each accepted paper is required to register and present the paper at the conference. Submissions should be uploaded through EasyChair. A special issue of an international refereed journal containing selected full length papers will be dedicated to the conference.

Important Dates

Abstract submission deadline: **February 1, 2019**

Notification of acceptance: March 1, 2019

Early registration deadline: March 15, 2019

EURO working group on Preference Handling

12th Multidisciplinary Workshop on Advances in Preference Handling (M-PREF 2020)

Santiago de Compostela, Spain, 8 June, 2020



[Website](#)

The workshop on Advances in Preference Handling addresses all computational aspects of preference handling. This includes methods for the elicitation, learning, modeling, representation, aggregation, and management of preferences as well as methods for reasoning about preferences.

The program will consist of presentations of peer-reviewed papers, panel discussions about future challenges, and an invited talk. We plan to invite an expert from one of the topics mentioned above. Preference will be given to papers focused on new and emerging areas as well as papers that are likely to stimulate discussion during the workshop.

Contact: mpref20@easychair.org

Papers must be formatted according to the **ECAI2020 Formatting Instructions** and up to 7 pages in length + 1 page references in PDF format. Authors can choose between an anonymized or non-anonymized submission.

Please submit at: <https://easychair.org/conferences/?conf=mpref20>

Submission Deadline: **February 28, 2020**

Notification: April 8, 2020

Camera Ready: May 8, 2020

Workshop: June 8, 2020

ECAI 2020: June 8 - 12, 2020

EWG STOCHMOD, EURO working group on Stochastic Modelling

8th Stochastic Modelling Meeting (STOCHMOD 2020)

Milan, Italy, 10-12 June, 2020



Website

The scope of the StochMod meeting includes both theoretical advances in stochastic modelling techniques and relevant applications. The contribution may lie in the formulation of new stochastic models, in the development of new analytical methods, or in the innovative application of existing models and methods. Its eighth edition will take place in Milan, at Politecnico di Milano.

We welcome submissions of abstracts about your recent research in any of the areas listed above. This may cover a recently published paper (or a series of papers) or work in progress. To submit an abstract, detailed instructions and template files are published on the conference web site.

Conference important dates

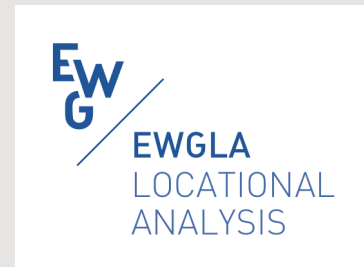
- * **February 16, 2020**: Abstract submission;
- * March 9, 2020: Acceptance/Rejection Notification;
- * April 30, 2020: Final Camera-ready Abstracts.

NOTE: Abstracts should not exceed 2 pages and should be prepared using LaTeX. Authors are invited to submit their abstracts at the following link: <https://easychair.org/account/signin?l=05viYdRW4mKxjppU3t4FJT>

EWG EWGLA, EURO working group on Locational Analysis

ISOLDE XV and EWGLA XXVI

Hamburg and Timmendorfer Strand, Germany,
14-19 June, 2020



Website

The meeting intends to gather the operations research community from different parts of the world to share experiences in the field of locational analysis. We invite participation from all areas related to location theory including, but not limited to:

- * Continuous Location
- * Network Location
- * Discrete Location
- * Hub Location
- * Location and Logistics
- * Location decisions in traffic planning
- * Network Design
- * Location under Uncertainty
- * Location and Routing
- * Applications of Location Problems
- * Territory Design

IMPORTANT DATES

Jan. 31, 2020 - End of abstract submission

Feb. 20, 2020 - Notification of acceptance

Feb. 15, 2020 - Start early registration 2020

EWG VeRoLog, EURO working group on Vehicle Routing and Logistics

VeRoLog 2020

Hamburg, Germany, 15-17 June, 2020



[Website](#)

This 2020-meeting will take place in the beautiful city of Hamburg, Germany. We cordially invite you to submit your work and participate.

IMPORTANT DATES

Conference: June 14–17, 2020

Get-together: June 14, 2020

Scientific program/ talks: June 15–17, 2020

Submission phase: OCT 01, 2019--**JAN 31, 2020**

Submission deadline: JAN 31, 2020

Notification of acceptance: FEB 28, 2020

9th Annual Koç University Healthcare Operations Workshop

Istanbul, Turkey, 18 June, 2020

[Website](#)

The aim of this inter-disciplinary workshop is to bring together researchers from operations research, management and medicine fields, providing an overview of different research problems of interest, and illustrating the use of different methodologies.

We are honored to have **Prof. Margaret Brandeau** from Stanford University as the plenary speaker for the workshop this year. Since the workshop will be a one-day event with a single track, the number of presentations will be limited. Therefore, if you are interested in presenting at the workshop, please send an abstract to one of the organizers until **February 16th**.

There will be no registration fee for the workshop. However due to limited space at the facility there will be some limitations on the attendance. Therefore, please send an email to the organizers as soon as possible for registration. A limited number of rooms are reserved at the university dorms and guest housing for accommodation. If you would like to reserve a room please send an email to the organizers until May 30th.

Third International Workshop on Dynamic Scheduling Problems (IWDSPP 2020)

Poznań, Poland, 24-26 June, 2020

[Website](#)

The IWDSPP 2020 workshop is the third event in the series, initiated in 2016 with the IWDSPP 2016 and continued in 2018 with the IWDSPP 2018. The aim of this event is to present new results on dynamic scheduling and operations research problems, in which some parameters are variable and change in time. Main topics related to the workshop scope are scheduling with variable job processing times (controllable job processing times, time-dependent job processing times, position-dependent job processing times, resource-dependent job processing times, malleable task scheduling, scheduling pliable jobs), scheduling with various factors affecting job execution (ageing, alteration, deterioration, learning, shortening), scheduling on variable speed machines (energy-efficient scheduling, scheduling under time-of-use electricity tariffs, scheduling with rate-modifying activities, scheduling with maintenance activities), scheduling under uncertainty (robust scheduling, stochastic scheduling, scheduling with explorable uncertainty) and other scheduling problems with parameters changing in time.

Important Dates

- * Abstract deadline: **March 15, 2020**
- * Notification date: March 31, 2020
- * Workshop: June 24-26, 2020

2nd International Conference on Applied Mathematics in Engineering (ICAME20)

Balikesir, Turkey, 24-26 June, 2020

[Website](#)

The aim of this conference is to bring together very well-known researchers and academicians in the field of applied mathematics and engineers in order to debate hot and interdisciplinary topics in control, fractional calculus, optimization and their applications in engineering science.

IMPORTANT DATES

- *Abstract Submission Deadline: **March 15, 2020**
- *Notification of acceptance: April 1, 2020
- *Early-bird registration deadline: April 7, 2020
- *Late registration deadline: May 1, 2020

SUBMISSION

ICAME'20 welcomes all original submissions electronically via EasyChair system (<https://easychair.org/conferences/?conf=icame20>). All authors need to submit their abstracts in English (min 250 words, no more than one page including references) within the deadline making sure that all author details are complete. The corresponding author (which should be the presenter of the work) must be clearly identified when doing so. All abstracts must be prepared according to the template available at this link (http://icame.balikesir.edu.tr/documents/ICAME_AbtractTemplate.docx).

EURO working group on OR in Sports

4th Eastern Conference on Football Economics and 6th Western Conference on Football and Finance



Saint Petersburg, Russia, 1-3 July, 2020

[Website](#)

HSE University, New Economic School, and University of Reading are organizing a conference on the economics and finance of football. It is aimed to highlight high quality research of the football industry as well as to facilitate the cooperation between academics and practitioners.

Theoretical and empirical research papers that cover the economic, financial, social, and managerial aspects of the football industry are welcome. The list of possible topics includes, but is not limited to: success factors in football, football league regulations, financial fair-play, tournament design, contest theory, optimization of match strategies, corruption, betting, spectators' demand, financial and social issues of the World Cup, scheduling, and competitive balance.

Extended abstract (maximum 3 pages in length) must be submitted through EasyChair by **February 1, 2020**. The submission should briefly describe the methodology of research, clearly state the hypotheses and main results, and emphasize contribution to the literature. Notifications of acceptance will be sent no later than March 1, 2020.

The author of accepted abstract must submit a full paper by May 1, 2020. The program committee will assign a discussant to each paper by June 1, 2020. Each conference speaker is expected to serve as a discussant for one other paper. Full papers will NOT be published anywhere; each full paper will be sent to one discussant.

There is no conference fee. Participation is open to anyone interested in the field. However, registration is needed (it will be opened in due course).

Submit your abstract through EasyChair

EURO working group on Stochastic Optimization



ECISO-CMS 2020, European Conference on Stochastic Optimization - Computational Management Science

Venice, Italy, 1-3 July, 2020

[Website](#)

ECISO 2020 is the 3rd edition of a stream of conferences organized by the **EURO Working Group on Stochastic Optimization (EWGSO)**. The previous editions were held in Paris (2014) and Rome (2017). The scope of the conference is to bring together researchers and professionals in Stochastic Optimization and its applications in different fields ranging from economics and finance to supply chain, logistics, etc.

CMS 2020 is the 17th edition of an annual meeting associated with the **Journal of Computational Management Science** published by Springer. The aim of the conference is to provide a forum for theoreticians and practitioners from academia and industry to exchange knowledge, ideas and results in a broad range of topics relevant to the theory and practice of computational methods in management science.

This joint event will provide a forum for fruitful discussions and interactions among researchers and professionals from industry and institutional sectors on decision making under uncertainty in a complex world. The conference will be within the scopes of both CMS and EWGSO and, in particular, it will focus on models, methods and computational tools in stochastic, robust and distributionally robust optimization and on computational aspects of management science with emphasis on risk management, valuation problems, measurement applications. Traditional fields of application, such as finance, energy, water management, logistics, supply chain management, and emerging ones, such as healthcare, climate risk and sustainable development, will be included.

ECISO-CMS 2020 is jointly organized by the **Department of Economics of Ca' Foscari University of Venice**, the CMS Journal and the EURO Working Group on Stochastic Optimization.

Abstracts **March 1st, 2020**

EWG EUROPT, EURO working group on Continuous Optimization



EUROPT 2020 - 18th Workshop on Advances in Continuous Optimization

Toulouse, France, 1-3 July, 2020

[Website](#)

In 2020, the annual event of the EUROPT continuous optimization working group of EURO (The Association of European Operational Research Societies) will take place in Toulouse, France.

It will be hosted at ENAC (Ecole Nationale de l'Aviation Civile), the French National School of Civil Aviation.

Call for Contributions

Researchers interested in organizing a session (3 or 4 talks) are invited to contact the Program Chair at sonia.cafieri@enac.fr

Important Dates

Abstract Submission: **March 1, 2020**

Abstract Acceptance: March 15, 2020

Registration deadline: April 15, 2020

5th Erice Summer School on "Graph Theory, Algorithms and Applications"

Sicily, Italy, 1-8 July, 2020

Website

LECTURERS:

- * Claudia Archetti, Essec Business School, France
- * Daniel Delling, Apple Inc., United States
- * Devdatt Dubashi, Chalmers University of Technology, Sweden
- * Michael Juenger, University of Cologne, Germany
- * Silvio Lattanzi, Google Zurich, Switzerland
- * Andrea Lodi, Polytechnique Montréal, Canada
- * Petra Mutzel, TU Dortmund University, Germany
- * Juan José Salazar González, University of La Laguna, Spain
- * M. Grazia Speranza, University of Brescia, Italy
- * Bob Tarjan, Princeton University, United States
- * Mikkel Thorup, University of Copenhagen, Denmark
- * Daniele Vigo, University of Bologna, Italy

APPLICATION:

Advanced undergraduates, MS and PhD students, and young scientists (35 or under) interested in graph algorithms are encouraged to apply. Qualified candidates should complete their application on the School Website (<http://www.graphalgorithms.org/erice2020>) by **April 10, 2020**. Application material includes a short CV and optional recommendation letters. Space is limited. Acceptance notifications will be sent around the end of April 2020.

REGISTRATION:

The registration fee for the School is 800 Euro. It includes meals and accommodation for 8 days, i.e., from July 1 (evening) to July 8 (morning).

RuORS - Russian Operational Research Society



International Conference on Mathematical Optimization Theory and Operations Research (MOTOR 2020)

Novosibirsk, Russia, 6-10 July, 2020

Website

The aims of the conference is to bring together a wide research community in the fields of mathematical programming and global optimization, discrete optimization, complexity theory and combinatorial algorithms, games and their applications in relevant practical problems of operations research, mathematical economy, and data analysis.

Confirmed plenary speakers

- Alexander Kostochka, University of Illinois at Chicago, USA
- Soumyendu Raha, Indian Institute of Science, Bangalore, India
- Aida Abiad, Maastricht University, Netherlands
- Bo Chen, University of Warwick, UK
- Sergei Chubanov, Bosch Research, Germany
- Yakov Zinder, University of Technology Sydney, Australia

Important dates

- abstract submission: **January 17, 2020**
- full paper submission: February 14, 2020
- notification of acceptance: March 20, 2020
- camera ready version: April 10, 2020
- payment of the registration fee (100 euro): June 5, 2020

Abstract and Paper Submission

Abstract submission of the paper is by the **easychair conference management system**.

Contacts

Yury Kochetov
Organizing Committee MOTOR 2020
Sobolev Institute of Mathematics, Akademika Koptyuga aven., 4 Novosibirsk. 630090. Russia
E-mail: motor@math.nsc.ru

EWG SUSTSC, EURO Working Group on Sustainable Supply Chains

3rd Conference on Sustainable Supply Chains (SustSC 2020)

Lisbon, Portugal, 23-25 July, 2020



[Website](#)

We would like to invite you to submit abstracts for presentations at the 3rd Conference on Sustainable Supply Chains (SustSC 2020). SustSC 2020 is organized by the EURO Working Group on Sustainable Supply Chains (EWGSustSC) in cooperation with the Operations Research and Logistics group at Instituto Superior Técnico, Lisbon University and sponsored by the Association of European Operational Research Societies (EURO).

Purpose:

SustSC 2020 Conference offers the European and International Sustainable Supply Chain community opportunities to present state-of-the-art developments and to discuss current challenges in Sustainable Supply Chains. Researchers and practitioners interested in the implementation of Sustainable Supply Chains are welcome.

Research:

We invite works on the state of the art research and innovative approaches for Sustainable Supply Chain Management. We are looking for papers tackling Operations Research methodologies as well as applications for Sustainable Supply Chains.

Abstract submission deadline: **30th of April, 2020**

Notification of acceptance: 15th of May, 2020

Contact: sustsc2020@tecnico.ulisboa.pt

EWG ORAHS, EURO Working Group on Health Services

ORAHS 2020 - 46th International Conference on OR applied to Health Services

Vienna, Austria, 26-31 July, 2020



[Website](#)

ORAHS provides a network for researchers involved in the application of systematic and quantitative analysis in support of planning and management in the health services sector. The meeting is open to anyone with a quantitative background and those who have interest in the subject area. For more information about ORAHS please visit the website: [ORAHS website](#)

MESS 2020: Metaheuristics Summer School - Learning & Optimization from Big Data

Catania, Italy 27-31 July, 2020

[Website](#)

MESS 2020 is aimed at qualified and strongly motivated MSc and PhD students; post-docs; young researchers, and both academic and industrial professionals to provide an overview on the several metaheuristics techniques, and an in-depth analysis of the state-of-the-art. The main theme of the 2020 edition is Learning and Optimization from Big Data, therefore MESS 2020 wants to focus on (i) Learning for Metaheuristics; (ii) Optimization in Machine Learning; and (iii) how Optimization and Learning affect the Metaheuristics making them relevant in handling Big Data.

The courses will be held by world renowned experts in the field, and will be inspected practical aspects on complex combinatorial optimization problems, as well as examples of their successful real-world applications. The participants will have plenty of opportunities for debate and work with leaders in the field, benefiting from direct interaction and discussions in a stimulating environment. They will also have the possibility to present their recently results and/or their working in progress through oral or poster presentations, and interact with their scientific peers, in a friendly and constructive environment.

MESS 2020 will involve a total of 36-40 hours of lectures, therefore in according to the academic system, all PhD and master students attending to the summer school will may get 8 ECTS points. Further, during the summer school the students will tackle homework, or project development.

All participants may submit an abstract of their recent results, or works in progress, for presentation and having the opportunities for debate and interact with leaders in the field. Workshop Organizers and Scientific Committee will review the abstracts and will recommend for the format of the presentation (oral or poster). All abstracts will be published on the electronic hands-out book of the summer school.

The Abstracts must be submitted by ***March 5, 2020***.

EWG/DSO Data Science meets Optimization

COSEAL workshop

Bruges, Belgium, 24-25 August, 2020



[Website](#)

EWG PATAT, EURO Working Group on Automated Timetabling

PATAT 2020

Bruges, Belgium, 25-28 August, 2020



[Website](#)

In more ways than one, 1995 was a momentous year: a small startup by the name of Amazon sold its first book online, the first ever Wiki was launched, and the Java programming language was announced to the world. But far more importantly (some might say), the year also played host to the very first PATAT conference in Edinburgh.

The 2020 edition of PATAT will therefore mark its silver anniversary. Organized by KU Leuven and to be held in beautiful Bruges (Belgium) August 25-29, 2020, PATAT 2020 promises to provide the perfect setting for researchers and practitioners to reflect on the substantial progress made by the timetabling academic community over the last twenty-five years as well as to anticipate where we might be headed in the next twenty-five. To complement this historical reflection and anticipation of the future, a range of exciting plenary talks will be given by experts in established areas of timetabling as well as newly emerging ones. We therefore wish to extend a warm invitation to anyone with an interest in timetabling or related problems to participate by submitting a paper by **January 30, 2020**.

We are proud to announce that the following professors will deliver plenary talks:

- * **Celso C. Ribeiro**, Computer Science, Universidade Federal Fluminense, Brazil
- * **Sigrid Knust**, Institut für Informatik, Universität Osnabrück, Germany
- * **Andrea Schaerf**, Computer Science, University of Udine, Italy
- * **Deepak Ajwani**, School of Computer Science, University College Dublin, Ireland
- * **Peter Nightingale**, Department of Computer Science, University of York, UK

PATAT 2020 will take place together with the COnfiguration and SElection of ALgorithms (COSEAL) workshop August 23-25, a few days before the conference begins.

We look forward to welcoming you to Bruges where you will able to sample some of the finest versions of the very best things life has to offer.

EURO working group on Agriculture and Forest Management

VI Workshop on Optimization Under Uncertainty in Sustainable Agriculture and Agrifood Industry and IV BigDSS Agro Conference



Lleida, Spain, 3-5 September, 2020

SAVE THE DATE

The Fifth International Conference on Railway Technology: Research, Development and Maintenance

Mallorca, Spain, 7-10 September, 2020

[Website](#)

We call your attention to the Special Session on 'Railway Transport Design, Operations Planning/Management and Service Optimization', which we are organizing and that we expect to provide a forum to discuss the latest developments in this area. The focus of this session is on solution techniques for combinatorial optimization problems, which arise in railway systems. The main motivation for this workshop is the observation that railway planning problems can be extremely difficult to solve optimally with existing methods, while doing so could result in huge gains, e.g., in terms of cost reductions or service quality improvements.

Topics of interest include, but are not limited to:

- > Network Design,
- > Line Planning,
- > Timetabling,
- > Railway Track Allocation,
- > Rolling Stock Planning,
- > Shunting,
- > Crew Scheduling,
- > Re-Scheduling,
- > Dispatching, and, Real-Time Management.

The deadline for submission is **15th January 2020**.

Italian Operations Research Society



ODS 2020 International Conference on Optimization and Decision Science

Rome, Italy, 8-11 September, 2020

[Website](#)

ODS 2020 aims at being a unique opportunity for researchers, and practitioners focused on today's problems of knowledge, growth, sustainability and operational excellence from various sectors (quantitative management, engineering, applied mathematics, statistics, computer science, economics, and finance, medicine), private and public companies, industries and policymakers, to present and share ideas, experiences and knowledge, as well as to enforce or creating a new cooperation network.

The conference theme is open in the wide field of analytics, optimization, problem-solving, and decision-making methods and their application in Production, Service, Knowledge, and IT Systems. However, a special focus is on Optimization in Artificial Intelligence and Data Science. The topics that may be addressed by the works submitted to the conference are reported below, the list is not exhaustive, and authors should not feel limited.

All researchers, academics, practitioners, and students working on the conference themes are invited to participate to ODS 2020 submitting a short paper or an abstract and organizing sessions. There is the opportunity to be a sponsor or exhibitor of the conference. Interested researchers can visit our web site (<http://www.airoconference.it/ods2020/>) or contact the conference secretariat (ods2020-airo.dss@uniroma1.it).

ODS 2020 aims at being an opportunity for researchers and practitioners from various sectors (applied mathematics, computer science, engineering, economics), private and public companies, industries and policymakers, to present and share ideas, experiences and knowledge, as well as to creating a point of contact among them.

Important Dates

- February 14, 2020 Early registration opens
- March 20, 2020 Deadline for submission of sessions proposal
- March 27, 2020 Deadline for short paper submission
- **April 24, 2020** Deadline for abstract submission
- May 29, 2020 Contribution (short paper or abstract) acceptance notification
- June 12, 2020 Deadline for early registration
- June 19, 2020 Deadline for camera-ready paper

UK Operational Research Society

OR62 Annual Conference of the UK OR Society

Warwick, UK, 15-17 September, 2020



[Website](#)

This three-day event mixes academics and practitioners to create an extraordinary environment for cross-pollination of thought, approach and technique.

The conference creates opportunities for:

- * staying current with the latest developments in OR and analytics
- * networking with big names, peers and early careers people
- * knowledge-sharing and profile-building through presentation of work
- * building skills at workshops in the Making an Impact sessions

Key Dates

- 01 Jun 2020** Deadline for submission of full Keynote Papers and Extended Abstracts.
- 22 Jun 2020 Notification of Acceptance to be sent re Keynote Papers and Extended Abstracts.
- 30 Jun 2020 Deadline for submission of Keynote and Extended Abstract camera ready copy.
- 30 Jun 2020 Deadline for early reduced registration fee.
- 01 Jul 2020 Standard registration fees apply.

EURO working group on Transportation

23rd EURO Working Group on Transportation EWGT 2020

Paphos, Cyprus, 16-18 September, 2020



[Website](#)

We are pleased to announce the Euro Working Group on Transportation EWGT 2020 which will take place at the **Aliathon Resort** in **Paphos**, Cyprus, September 16-18 2020. The event will be organized by the KIOS Research and Innovation Center of Excellence (KIOS CoE), University of Cyprus.

Conference Content:

- * Regular papers: Originally authors should submit an extended abstract (2 pages). Accepted abstracts can present at the conference (i.e., they will be reserved a slot in the program) and at the same time they will be invited to submit an up to 8-page paper that will be included in the Transportation Procedia
- * Invited Sessions: Invited session proposals (up to 3 pages) should include the organizers, the title, the description of the session topic and the details (title, authors, brief abstract) of four papers to be presented in the session. The session will be accepted or rejected as a whole. The authors of papers included in the accepted invited sessions, will be invited to submit a full paper (6-8 pages) to be included in the Transportation Research Procedia. European and National research projects are strongly encouraged to organize such sessions as part of their dissemination activities.
- * PhD Forum: The PhD Forum provides a unique opportunity for early-stage PhD students to interact with senior researchers and receive feedback on their work. Students should submit an abstract (up to 2 pages) outlining their prospective research topic or describing preliminary work. Authors of accepted abstracts will be invited to the conference for a poster presentation at the PhD Forum.

* Latest research developments: These include extended abstracts (up to 2 pages) of most recent work, with a much later deadline than regular papers. Authors of accepted abstracts will be invited for a presentation, however, no invitation will be sent for a full paper in Transportation Research Procedia.

Important Dates

Regular Paper Abstract Submission: **31 January 2020**
Invited Session Abstract Submission: **31 January 2020**
Notification of Regular Paper Abstract Acceptance: 28 February 2020
Notification of Invited Session Abstract Acceptance: 28 February 2020
Full Paper Submission: 15 May 2020
PhD Forum Abstract Submission: 5 June 2020
Latest Research Developments Abstract Submission: 5 June 2020
Notification of Full Paper Acceptance: 30 June 2020
Final Paper Submission: 5 July 2020
Early Registration: 5 July 2020

Publications



International Journal of Production Research

Special Issue: Call for Papers on AI and Machine Learning in Scheduling and Routing Optimization

Guest Editors: **Ruibin Bai, Zhi-Long Chen, Graham Kendall**

Deadline for submission: **April 1, 2020**

[Website](#)

Production scheduling and vehicle routing are two of the most studied fields in operations research. In the past four decades we have witnessed significant advances in both fields. However, the majority of existing research in both domains uses optimization based models and methodologies such as integer programming, dynamic programming and local search. In optimization, a problem is usually formulated into a mathematical model embedded with innate problem structures and characteristics. Such modeling and solution methods require the values of problem parameters to be available (i.e. in the form of either their deterministic values or their stochastic distributions) before the underlying mathematical models can be formulated and solved. However, real-life problems often involve a large amount of data which often contains a lot of uncertainty and changes over time. Optimization methods are often criticized for their inflexibility or ineffectiveness to deal with complex problems involving a large amount of data or a high degree of data uncertainty.

Analytic approaches, on the other hand, are entirely driven by data and often do not rely on rigid optimization models. Although such methods are more flexible than optimization methods, the resulting models and solutions have poor interpretability and may lack of insights that can be easily explained and understood by human users. In the past several years, there has been growing research effort that attempts to bridge the gap between optimization and analytics, including methods that integrate optimization and machine learning.

This special issue aims to promote the use of this type of modeling and solution methods in production scheduling and vehicle routing. Specifically, we are seeking high quality scheduling and routing research papers that develop or apply integrated analytics and optimization methods that are not only flexible and robust under uncertainty, but can also generate models and solutions that are insightful and (relatively) easy to interpret. We are especially interested in papers that use one or more of the following modeling and solution methods: robust optimization, approximate dynamic programming, simulation optimization, stochastic programming, integer programming, and meta-heuristics, and their integration with data analytic tools such as optimal learning, machine learning, neural networks, and data mining. We are open to any interesting scheduling and routing applications including problems that arise in traditional areas such as production scheduling, vehicle routing, as well as applications from emerging areas such as supply chain scheduling, healthcare operations scheduling, routing with drones, ride sharing etc.

Authors wondering whether their research project is a fit for the special issue are encouraged to email a short description (no more than one page) of their project to the co-editors. We will provide feedback on whether the topic meets the goals of the special issue, although we will not evaluate the quality of the research based on the description because this will be left to the review process. There is no requirement to submit a description before submitting a paper.

Annals of Operations Research

Special Issue: Call for Papers on Theory, Computation, and Practice of Multiobjective Optimization



Guest Editors: **Matthias Ehrgott, Alexander Engau, Margaret M. Wiecek**
Deadline for submission: **April 30, 2020**

[Website](#)

For this special issue we invite original research contributions to the theory, computation, and practice of multiobjective optimization. We welcome high quality papers falling within the a posteriori paradigm of multicriteria decision making (MCDM). The papers may address any type of multiobjective optimization problem, may propose methods and algorithms for multiobjective optimization and their supporting mathematical theory, and may describe important applications of multiobjective optimization in practice.

This special issue is connected but not restricted to two current events organized within the MCDM community. The participants of the 25th International Conference on Multiple Criteria Decision Making, MCDM2019, Istanbul, Turkey, June 15–21, 2019, and the participants of the Dagstuhl Seminar on Scalability in Multiobjective Optimization, in Dagstuhl, Germany, January 12–17, 2020, are invited to submit their papers. Contributions arising from papers given at a conference should be substantially extended, and should cite the conference paper where appropriate. Furthermore, all researchers worldwide working on the topics indicated above are also invited to contribute.

Authors should follow the Instructions for Authors of Annals of Operations Research at (<https://www.springer.com/journal/10479/submission-guidelines>) and submit their high quality manuscript via Springer's web-based system, Editorial Manager www.editorialmanager.com/anor/ by April 30, 2020. When prompted, please select the special issue's title, **Theory, Computation, and Practice of Multiobjective Optimization**, to ensure that it will be reviewed for this special issue.

Submitted manuscripts should not have been published previously, nor be under consideration for publication elsewhere. The submitted manuscripts are sent to reviewers as they arrive but the editors reserve the right to reject any manuscript that does not present a high level of scholarship before the manuscript is sent to reviewers. Accepted papers will be published online individually, before print publication.



Annals of Operations Research

Special Issue: Call for Papers on Essays in Game Theory in Tribute to Francesc Carreras

Guest Editors: **Encarnación Algaba, Hannu Salonen, René van den Brink, Juan Vidal-Puga**

Deadline for submission: **May 25, 2020**

[Website](#)

The special issue invites submissions in all areas covered by the European Meetings on Game Theory (SING), including, but not limited to:

- Cooperative games and their applications
- Mechanism design
- Networks
- Dynamic games
- Evolutionary games
- Stochastic games
- Voting and power indices
- Auctions
- Bargaining
- Learning and experimentation in games
- Computational game theory
- Game theory applications in fields such as: management, energy, health policy, industrial organization, and others

In particular, we encourage participants of the 15th European Meeting on Game Theory (SING 15) to submit full, extended versions of their presented papers. However, other relevant papers are welcome. Contributions arising

from papers given at a conference should be substantially extended, and should cite the conference paper where appropriate.

Instructions for authors can be found at: <https://www.springer.com/journal/10479/submission-guidelines>
Authors should submit a cover letter and a manuscript by 25 May 2020 via the journal's online submission site. Manuscripts submitted after the deadline may not be considered for the special issue and may be transferred to a regular issue.

Please see the Author Instructions on the web site, if you have not yet submitted a paper through Springer's web-based system, Editorial Manager. When prompted, please select the special issue's title, **Essays in Game Theory in Tribute to Francesc Carreras**, to ensure that it will be reviewed for this special issue.

Papers will be subject to a strict review process managed by the Guest Editors, and accepted papers will be published online individually, before print publication.



International Transactions in Operations Research

Special Issue: Call for Papers on “Mind and Cognition in the Future of Decision Support Systems”

Guest Editors: **Jose Maria Moreno-Jimenez and Luis G. Vargas**

Deadline for submission: **July 31, 2020**

[Website](#)

Decision making is an inherent and essential characteristic of human beings that reflects their degree of evolution, knowledge and freedom. Until the mid-1970s, scientific decision making focused on the Product (the decision itself). For the next 20 years, it focused on the Process (decisional process). Since the end of the 20th century, it has focused on ‘the third P’, the Person (learning and education of the individual and the systems).

Decision Support Systems (DSS), understood as information systems that interactively support the decision-making process of individuals and groups in life, public, and private organizations, and other entities, have traditionally been used to help make better decisions in the resolution of highly complex problems (structured, semi-structured, and unstructured). These problems are characterized by the existence of multiple actors, scenarios, and criteria, both tangible and intangible.

The Knowledge Society is a space oriented to the talent, intelligence, imagination, and creativity of the human being. Aided by the development of Information and Communication Technology, the future DSS should incorporate: (i) the interdependence and interrelationships among factors and actors, respectively (a holistic vision of reality); (ii) the collaborative readiness of the actors (aptitude and attitude) in the resolution process and the conjoint construction of a better world (individual and social training and education); and (iii) the importance of the human factor: the explicit consideration of the intangible, subjective, and emotional.

This special issue welcomes articles on methodological, technological, and practical developments and tools, associated with the incorporation into DSS of those aspects related to the influence of mind (e.g., virtual and augmented reality, perception, visual data analysis, mood, emotions, personality, attitude, and motivation) and cognition (e.g., preferences, arguments that support decision making, graphical visualization) in decision-making processes.

The deadline for submissions is July 31, 2020. We encourage authors who will present their work at the EWG-DSS 6th ICDSST 2020 “Cognitive Decision Support Systems and Technologies” to be held at the Faculty of Economics and Business, Zaragoza, Spain, from May 27 to 29, 2020, to submit their manuscripts. However, this Call for Papers is also open to the entire community of academics and practitioners.

Papers will be peer-reviewed according to the editorial policy of the International Transactions in Operational Research (ITOR), published by the International Federation of Operational Research Societies. Contributions should be prepared according to the instructions to authors in the journal homepage. Authors should upload their contributions using the submission site <http://mc.manuscriptcentral.com/itor>, indicating in their cover letter that the paper is intended for this special issue.

International Transactions in Operations Research

Special Issue: Call for Papers on “OR in Healthcare”

Guest Editors: **Evrin Gunesa, Inês Marques and Ana Vianac**

Deadline for submission: **October 31, 2020**



Website

The International Transactions in Operational Research (ITOR) will publish a special issue on OR in Healthcare at the occasion of the 22nd Triennial Conference of the International Federation of Operational Research Societies (IFORS 2020) to be held in Seoul, South Korea, from June 21 to 26, 2020. Although we strongly encourage the submission of papers presented at the special sessions devoted to this subject at the IFORS 2020 conference, this Call for Papers is open to the entire community of academics and practitioners.

We encourage contributions that illustrate the interplay between theory and practice, with new and innovative methods or uses of Operations Research methods in all areas of health and health care. Potential topics include, but are not limited to:

- *Public health policies
- *Performance evaluation
- *Incentive contracts and payment systems
- *Screening and prevention
- *Health care logistics and supply chains
- *Health care resource and capacity planning
- *Location problems in health care Workforce scheduling
- *Patient and appointment scheduling
- *Operating room planning and scheduling
- *Emergency medical systems
- *Home care and long-term care
- *Blood services
- *Disease modeling and policy
- *Cancer treatment planning Infectious diseases

All papers will be peer-reviewed according to the editorial policy of the International Transactions in Operational Research (ITOR), published by the International Federation of Operational Research Societies (IFORS). They should be original, unpublished, and not currently under consideration for publication elsewhere. Contributions should be prepared according to the instructions to authors that can be found on the journal homepage. Authors should upload their contributions using the submission site <http://mc.manuscriptcentral.com/itor>, indicating in their cover letter that the paper is intended for this special issue. Other inquiries should be sent directly to the Guest Editors in charge of this issue: Evrim Gunes (egunes@ku.edu.tr), Ines Marques (ines.marques.p@tecnico.ulisboa.pt), ^ and Ana Viana (ana.viana@inesctec.pt).

Prizes and Awards

GECCO 2020 Competition on OCP and USCP

Website

We are pleased to invite you to take part in the 1st Competition on the Optimal Camera Placement Problem (OCP) and the Unicost Set Covering Problem (USCP) that will be part of the next Genetic and Evolutionary Computation Conference (GECCO 2020, at Cancun, Mexico, 8-12 July 2020).

SHORT DESCRIPTION:

If an area is defined as a set of three-dimensional sample points to be covered, and if camera configurations are sampled into so-called candidates each with a given set of position and orientation coordinates, then the optimal camera placement problem (OCP) comes down to select the smallest subset of candidates which covers all the samples.

The OCP is structurally identical to the unicost set covering problem (USCP), which is one of Karp's well-known NP-hard problems: given a set of elements I (rows) to be covered, and a collection of sets J (columns) such that the union of all sets in J is I , find the smallest subset of J which covers I .

The main goal of this competition is to encourage innovative research works by proposing to solve challenging OCP problem instances stated as USCP.

The contest gathers 69 OCP problem instances: 32 of them are academic problems (various sizes and discretizations of an empty room modeled by a rectangular cuboid with cameras on the ceiling), and 37 of them are

real-world problems (various sizes and discretizations of urban areas with cameras on the walls of the buildings).

Details of the competition (problem instances, data formats, competition tracks, rules for registration, submission and evaluation, ...) are available at:

<http://www.mage.fst.uha.fr/brevilliers/gecco-2020-ocp-uscp-competition/>

PUBLICATION:

In addition to their competition entries, participants will have the opportunity to submit a short description of their algorithm for publication in the GECCO Companion (2-page contribution).

IMPORTANT DATES:

March 20, 2020: Early competition registration deadline (needed for GECCO Companion submissions)

April 3, 2020: Submission deadline for GECCO Companion abstracts

April 17, 2020: Notification of acceptance for GECCO Companion abstracts

May 22, 2020: Late competition registration deadline

June 5, 2020: End of the competition, i.e. solution submission deadline

July 8-12, 2020: GECCO conference, and announcement of the competition results

VeRoLog Doctoral Dissertation Prize

VeRoLog DDP 2020 Announcement



Website

The VeRoLog Doctoral Dissertation Prize (VeRoLog DDP) is issued by the EURO working group on Vehicle Routing and Logistics optimization (VeRoLog) and is awarded at each VeRoLog annual conference. The purpose of the prize is to distinguish an outstanding PhD thesis on Operational Research methods applied to the Vehicle Routing and Logistics Optimization. It will be awarded at the VeRoLog 2020 conference (Hamburg, June 15-17, 2020).

Eligibility of applications

The VeRoLog DDP 2020 jury will only consider PhD theses in Operational Research defended between *1 January 2019 and 31 December 2019*. Nominations are NOT restricted to members of societies that belong to EURO.

To be considered, a dissertation should be nominated by the supervisor of the thesis (one of them in case of multiple supervisors). The supervisor of the dissertation is asked to provide the jury with the following information:

1. the text of the dissertation,
2. an extended abstract (up to 5 pages) of the dissertation; this abstract should be written in English,
3. if the dissertation is not written in English, a paper in English authored (or co-authored) by the author of the dissertation and describing the core ideas of the thesis. This paper should preferably have been published in or submitted to an international journal.
4. nomination letters (or reports) from two referees selected by the dissertation supervisor, supporting the submission and stating their assessment of why the thesis should win the award.
5. an up-to-date CV of the candidate, including a list of publications.

No nomination will be considered without these items.

All information should be sent in electronic form to the chairman of the jury, Prof. Juan José Salazar González using a compressed format (e.g. zip).

Since many PhD theses in OR are defended each year, the jury would like to remind supervisors that only outstanding pieces of work have a reasonable chance of winning the award.

Jury

The jury of VeRoLog DDP 2020 is:

1. Juan José Salazar González, Universidad de la Laguna, Spain (chair)
2. Karl Doerner, Universität Wien, Austria
3. Fabien Lehuédé, IMT- Atlantique, LS2N, Nantes, Nantes, France

Selection process

The members of the jury will study each application in detail. The jury evaluates the applications taking the following points into account:

- Originality and novelty of the subject,
- Pertinence of the subject for VeRoLog DDP;
- Depth and breadth of the results,
- Contributions of the dissertation to the theory and practice of OR applied to Vehicle Routing and Logistics Optimization,
- Applications and/or potential applicability of the results,
- Impact on related fields,
- Quality of the related publications.

The jury may decide not to assign the prize if no thesis reaches an adequate level of quality.

Award

The prize consists in a certificate and a reward of Euro 500.

Deadlines

The deadline for submitting applications is **February 3, 2020**

Contact

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Upcoming Conferences

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

19th-24th January 2020	Winter School on Optimization and Operations Research	Znoj, Switzerland	18th December 2019
20th-24th January 2020	Winter School Netze2020	Estoril, Portugal	21st October 2019
30th-31st January 2020	ORGL 39 - 39th conference of ORGL, The Belgian Operational Research (OR) Society	Lille, France	22nd December 2019
5th-7th February 2020	5th AIRC/ICORS Workshop	Bologna, Italy	28th January 2020
13th-14th February 2020	11th Day on Combinatorial Game Theory	Enschede, The Netherlands	
17th-19th February 2020	OLA 2020 - International Conference on Optimization and Logistics: Challenges and Applications	Cádiz, Spain	4th October 2019
19th-21st February 2020	ICOR2020	Marseille, France	22nd November 2019
4th-6th March 2020	SIOP'20 International Conference on Optimization	Dortmund, Germany	29th January 2020
15th-17th March 2020	8th INFORMS Optimization Society Conference	Greenville, SC, USA	1st January 2020
19th-20th March 2020	3rd conference of the EURO Working Group on the Practice of Operations Research	Berlin, Germany	15th December 2019
21st-22nd March 2020	ICORS 2020 International Conference on Intelligent Systems, Mechanics & System Intelligence	Thessaloniki, Greece	8th November 2019
26th-28th March 2020	64th EUROCOM meeting and EURO Finance and Banking Conference	Bucharest, Romania	12th January 2020
29th March-1st April	INFORMS Transportation & Network Analytics Conference 2020	Berlin, Germany	15th January 2020
30th March-1st April 2020	Innovative Workshop 2020 (IW20)	Leigh-on-Sea, UK	22nd September 2019
2nd-3rd April 2020	2020 STOR-I Workshop on Operations & Optimization (POO 2020)	Lancaster, UK	19th February 2020
15th-17th April 2020	PMO 2020 17th International Workshop on Project Management and Scheduling	Toulon, France	15th November 2019
12th-17th April 2020	ICOP 2020 - The 20th European Conference on Intelligent Combinatorial Optimization in Combinatorial Optimization	Seville, Spain	12th November 2019
20th-22nd April 2020	Workshop: Applied Intelligence in Combinatorial Game Theory	Montreal, Canada	18th February 2020
22nd-24th April 2020	13th Meeting of the EURO on routing and scheduling (EUSRP)	Torrelavega, Spain	15th February 2020
26th-28th April 2020	2020 INFORMS Business Analytics Conference	Denver, USA	1st January 2020
4th-6th May 2020	6th International Symposium on Combinatorial Optimization (ISCO 2020)	Montreal, Canada	17th January 2020
6th-8th May 2020	5th EURO Working Group Meeting on Retail Operations	Istanbul, Turkey	1st February 2020
11th-15th May 2020	Workshop Conference on Combinatorial Graph Theory and Applications (WCGTA 20)	Moscow, Russia	29th February 2020
16th-21st May 2020	Global Supply Programming Workshop 2020 (GSP, 14th Anniversary)	New Jersey, USA	
26th-29th May 2020	ICORS 2020	Vienna, Austria	22nd November 2019
27th-29th May 2020	ICOSP 2020 - IAWQ 20th International Conference on Decision Support System Technology	Zaragoza, Spain	18th December 2019
1st-5th June 2020	Summer School on Stochastic Optimization for Transportation	Paris, France	
3rd-6th June 2020	8th International Summer School on Risk Management and Control	Rome, Italy	
4th-6th June 2020	The ESCO 2020 Conference	St. Petersburg, Russia	1st February 2020
6th June 2020	11th MultiStochastic Workshop on Advances in Preference Modeling (M-PM 2020)	Santiago de Compostela, Spain	28th February 2020
8th-10th June 2020	Conference on Energy Engineering and Combinatorial Optimization (CECO)	London, UK	17th November 2019
8th-10th June 2020	EWGA 2020 - 5th International Workshop on Combinatorial Algorithms	Bordeaux, France	25th January 2020
10th-12th June 2020	6th Stochastic Modeling meeting (StoMod 2020)	Milan, Italy	18th February 2020
11th-12th June 2020	ICORS workshop	London, UK	1st December 2019
14th-15th June 2020	ICORS EU & CWI/A-Kort	Hamburg, Germany	1st January 2020
15th-17th June 2020	INFORMS 2020 conference	Hamburg, Germany	1st January 2020
15th-17th June 2020	ICORS 2020 19th European Trade Workshop on Graphs and Combinatorial Optimization	Vienna, Austria	17th January 2020
18th June 2020	9th Annual Koz University Healthcare Operations Workshop	Istanbul, Turkey	16th February 2020
18th-19th June 2020	Concordia and Ferrara Markets Association Annual Meeting 2020 (CFMA 2020)	Madrid, Spain	17th February 2020
21st-26th June 2020	ICORS 2020	Saint-Etienne, South Korea	17th January 2020
24th-26th June 2020	The Third International Workshop on Dynamic Scheduling Problems	Poznan, Poland	15th March 2020
24th-26th June 2020	7th IMA Conference on Numerical Linear Algebra and Optimization	Birmingham, UK	28th February 2020
24th-26th June 2020	2nd International Conference on Applied Mathematics in Engineering (ICAMPE)	Bahcesay, Turkey	15th March 2020
28th-30th June 2020	ICORS 2020	Alberta, Canada	21st February 2020
1st-3rd July 2020	ICORS 2020 European Conference on Metaheuristic Optimization - Computational Management Science Conference	Venice, Italy	1st March 2020
1st-3rd July 2020	EUROPT 2020 - 18th Workshop on Advances in Combinatorial Optimization	Toulon, France	1st March 2020
1st-3rd July 2020	6th Eastern Conference on Intelligent Engineering and 6th Western Conference on Football and Finance	Saint-Petersburg, Russia	1st February 2020
1st-3rd July 2020	14th International Congress on Intelligent and Soft Systems	Poznan, Poland	25th January 2020
1st-4th July 2020	5th Erik Summer School on "Graph Theory, Algorithms and Applications"	Sicily, Italy	19th April 2020
5th-8th July 2020	8th International Symposium on Transportation	Rio de Janeiro, Brazil	16th March 2020
6th-10th July 2020	International Conference "Mathematical Optimization Theory and Operations Research" (MOTOR 2020)	Novosibirsk, Russia	17th January 2020
6th-17th July 2020	EURO PhD-School on MCO/DM/OM	Ankara, Turkey	1st February 2020
6th-17th July 2020	2020 Stochastic and Combinatorial Optimization Conference (SCOC 2020)	Caracas, Venezuela	19th January 2020
10th-10th July 2020	EURO PhD-School on Data Science, Decision Making and Optimization	Seville, Spain	15th January 2020
18th-22nd July 2020	The 8th International Conference on Machine Learning, Optimization & Data Science	Siena, Italy	15th February 2020

Contact Us

Do you have an item to be included in the next newsletter? 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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