

EURO Newsletter # 86  
November 18, 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 Słowiński.

**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 Elsevier. It was officially launched in 2011. Its Editor in Chief is Dominique Feillet.

We now have 13 **tutorials** published in the series of EURO Advanced Tutorials. Please take a look at our titles:

- \*[From Shortest Paths to Reinforcement Learning](#)
- \*[Risk Management for Pension Funds](#)
- \*[Even Convexity and Optimization](#)
- \*[Orienteering Problems: Models and Algorithms for Vehicle Routing Problems with Profits](#)
- \*[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](mailto:grazia.speranza@unibs.it))
- José Fernando Oliveira, Faculdade de Engenharia. Universidade do Porto, Portugal. (e-mail: [jfo@fe.up.pt](mailto: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 2021**  
Athens, Greece, 11-14  
July, 2021

## FIRST ANNOUNCEMENT AND CALL FOR PAPERS

We have the great pleasure of inviting you to take part in the 31st EURO conference to be held in Athens.

The Program Committee, chaired by Rudolf Vetchera, and the Organizing Committee, co-chaired by Nikolaos Matsatsinis and John Psarras, are preparing a high-quality scientific program and an exciting social program for the Conference.

After a year of lockdowns and limited travel, we are optimistic that the EURO 2021 Conference will again provide an excellent opportunity for the OR community to meet in person in a city that in a unique way stands for the identity of Europe. EURO 2021 acknowledges that virtual conferences can't entirely replicate the conference experience, which normally involves face to face meetings and networking opportunities. However, EURO 2021 is fully prepared to adjust its strategy in case of any similar situation and to convert the physical congress to a hybrid or virtual one, with the main objective that the new format will continue to meet the needs of the EURO 2021 community and to ensure a viable future for the association's activities in scientific education and professional support. Registered participants will still be eligible to participate, authors whose abstracts were accepted will be published in the digital abstract book, with e-posters available for virtual consultation and industry to have a wide selection of sponsorship opportunities.

### 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 speakers and their presentations will be announced soon. Please follow up further information at the EURO 2021 Conference webpage:

<https://euro2021athens.com/>.

### 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 into different areas. The list of areas and streams will be available shortly.

Abstract submission system is available online, via the Conference web page (<https://euro2021athens.com/>).

Abstracts must be written in English and contain no more than 1,500 characters in plain text format (no formulas are allowed). Submission deadline: February 28.

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

### KEY DATES AND DEADLINES:

Abstract submissions start 20.09.2020  
 Abstract submission deadline **28.02.2021**  
 Notification of abstract acceptance deadline 28.03.2021  
 Registration Opens 14.02.2021  
 Early bird registration deadline 02.05.2021  
 Late registration deadline 16.05.2021  
 Delegate registration deadline 20.06.2021

### REGISTRATION FEES:

Registration fees (including VAT) apply:  
 Regular Early until May 2nd, 2021 (inclusive): 400 €  
 Regular Late until May 16th, 2021 (inclusive, only authors): 500 €  
 Regular Late until June 20th, 2018 (inclusive, just for attendants) 500 €  
 Student/retired Early until May 2nd, 2021 (inclusive): 200 €  
 Student/retired Late until May 16th, 2021 (inclusive, only authors): 300 €  
 Student/retired Late until June 20th, 2021 (inclusive, just for attendants): 300 €  
 Accompanying persons: 120 €  
 Conference Dinner: 80 €

### Regulations for Participants

Author registration: For each accepted paper at least one registration is required, and each participant may present one paper.

### CALL FOR EXHIBITORS:

Parties interested in having a booth or exhibition area during the Conference are kindly requested to

contact [sponsors@euro2021athens.com](mailto:sponsors@euro2021athens.com). An exhibitor's guide will be available shortly.

#### FURTHER INFORMATION:

For detailed information about EURO 2021, please, visit the Conference webpage.

For any further information: [info@euro2021athens.com](mailto:info@euro2021athens.com)

We look forward to welcoming you to our very exciting conference in Athens!

Rudolf Vetschera, Nikolaos Matsatsinis, John Psarras

## European Journal of Operational Research has been indexed in the FMS Journal Rating Guide in China, and has been rated as level A.



The FMS Journal Rating Guide is a recommended journal list of management science, and jointly released by the Chinese Society of Optimization, Overall Planning and Economical Mathematics, the Society of Management Science and Engineering of China, and the Systems Engineering Society of China have jointly. **The FMS Journal Rating Guide reflects the academic consensus to a large extent in China.**

Congratulations to all involved with this highly successful journal.

## IFORS Global Webinar Series



### O.R. in Europe: Topics that Matter

November 30th 2020, 15:00 UTC+1/CET

[Register Here](#)

Several times each year, IFORS will offer free webinars on topics of key interest to those developing and applying Operational Research and Analytics methodologies and models. Speakers from each of the IFORS regions will provide our worldwide community with updates on exciting new challenges, methodologies and solution approaches that impact their region and the world.

Regional representatives on the Administrative Council of IFORS will select speakers and host the webinar. We hope to highlight research on topics relevant to a wide audience (e.g. epidemiological and supply chain research associated with the COVID-19 pandemic, new approaches to improving health worldwide, impacts of global warming, approaches to conservation, etc.). Some webinars may highlight outstanding issues that need new solutions. Some of these webinars may have a single speaker providing new research and/or application results while other webinars may be panel discussions. Each regional representative will organize at least one such talk per year with the goal of updating our entire community on important OR activities.

The overall aim of this webinar series is to strengthen research activities and foster potential collaboration by encouraging the exchange of ideas and the



Global Webinar Series

### O.R. in Europe: Topics That Matter

November 30, 2020  
9:00 am Washington DC / 3:00 pm Rome

**Hosts**  
Grazia Speranza, Italy (IFORS President)  
Immanuel Bomze, Austria (EURO President)  
Stefan Nickel, Germany (VP IFORS-EURO)

**Register for this free webinar on the IFORS website:**  
[www.ifors.org](http://www.ifors.org)

**Invited Speakers**



**Miguel Anjos**  
The University of Edinburgh

*Increasing electric vehicle adoption via optimal deployment of charging stations*



**Nico J. Vandaele**  
Access-To-Medicines Research Center, KU Leuven

*A transdisciplinary, system-based OR approach to Covid-19 challenges*



**Richard Boucherie**  
University of Twente

*Healthcare operations management challenges due to Covid-19*

**Several times each year, IFORS will offer free webinars on topics of key interest to those developing and applying Operational Research and Analytics methodologies and models.**



## Call for Applications for the EURO Excellence in Practice Award 2021 sponsored by Gurobi Optimization



Website

All interested authors are invited to submit a detailed description of an application of OR with a real impact on practice, which has original features, whether in methodology, field of application and/or implementation. This may be in the form of a paper written for publication (although not necessarily published at the time of submission), a client report, or other appropriate documentation. The documentation must describe the work in a way that illustrates how it meets the criteria outlined below. The age limit for published papers is four years. The work must not have been submitted concurrently to another competition. The application is open to OR specialists from any part of the world. Please also check the **guidelines**.

The criteria for the evaluation of the submissions are:

- the real impact on practice,
- the scientific quality of the paper,
- the relevance to Operational Research,
- the appreciation by the organisation involved with the application,
- the originality in methodology, implementations and/or field of application.

Letters of appreciation are important.

The jury selects a shortlist of finalists who will present their work in a special session at the 31st European Conference on Operational Research in Athens. There is no registration fee for one author of each of the finalist presentations. The winner will be determined by the jury at the end of the special session and will be announced by the chair of the jury during the closing session of the EURO 2021 Conference.

Applications should be submitted (as a zip file or equivalent single submission) online <http://www.euro-online.org/awards/eepa2021/registration.php> by the deadline of **January 31, 2021**.

## Call for Applications for the EURO Doctoral Dissertation Award 2021



Website

The EDDA 2021 jury will only consider dissertations in Operational Research defended between 1 February 2019 and 31 January 2021. The dissertation must have been defended in a University located in a **member country of EURO**. The author of the dissertation must be a member of a member society of 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 (3 to 5 pages) of the dissertation; this abstract should be written in English and should include precise keywords;
3. If the dissertation is not in English, a paper in English which has been authored or co-authored by the candidate and which describes the core ideas of the dissertation. 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 dissertation 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. Please also check the **guidelines**.

Since many doctoral dissertations in OR are defended each year only outstanding pieces of work are expected to be submitted. The jury would like to remind supervisors that only high-quality theses might have a chance of winning the award.

The jury selects a shortlist of finalists who will present their work in a special session at the 31st European Conference on Operational Research in Athens. There is no registration fee for each finalist. EURO will also contribute to the travel and accommodation expenses. The winner will be determined by the jury at the end of the

special session and will be announced by the chair of the jury during the closing session of the EURO 2021 Conference.

Applications should be submitted (as a zip file or equivalent single submission) online <http://www.euro-online.org/awards/edda2021/registration.php> by the deadline of **January 31, 2021**.



## EURO Support for NATCOR Bursaries 2021



Website

NATCOR (<http://www.natcor.ac.uk/>), a National Taught Course Centre in Operational Research, delivers taught courses to PhD students, from across Europe, on a number of different topics in OR. In 2021, it is anticipated that all courses will be offered online, at least until summer, with the potential for residential courses in the UK after that time. EURO is advertising a competition for bursaries. The NATCOR course fees and accommodation (if applicable) will be funded by EURO for successful candidates. (Typically, accommodation for any residential courses will be for bed and breakfast). Any extra costs incurred will need to be settled personally.

- NEW Behavioural OR and System Dynamics, 18-22 Jan 2021 - Online delivery
- Forecasting & Predictive Analysis, 22-26 February 2021 - Online Delivery
- Stochastic Modelling, April 2021 (Date to be confirmed)– Online Delivery
- Simulation, July 2021 (Date to be confirmed) - Online Delivery
- Combinatorial Optimization, September 2021 (Date to be confirmed)- Online Delivery

### Eligibility

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.

### Application

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. Applicants should declare on their application if they are receiving any additional support from their PhD funding body or other sponsor.

### Selection Process

The EURO VP2 selects and ranks (in the case of more than one accepted from the same country) the candidates. When accepting the candidates the VP2 should aim at a good distribution of the participants among the EURO member societies.

### Current Call - Important Dates

Submit documents (see above) to <https://www.euro-online.org/awards/natcor2021/registration.php>.

Deadline for applications: **January 20, 2021** \*

Notification of acceptance: February 15, 2021

\*If you are interested in **Behavioural OR and System Dynamics, 18-22 Jan 2021**, please submit your documents by **December 20, 2020** and contact [office@euro-online.org](mailto:office@euro-online.org) so that this course can be considered in time.

## Conferences, Schools and Meetings

### EURO Working Group on Retail Operations

#### First digital EWG Retail Operations Meeting

**ONLINE, 27 November, 2020**



Website

We are happy to announce the first digital meeting of the EURO Working Group on Retail Operations. We will start

with the key not talk delivered by Robert Roodkerk and continue with some informal get together.

Zoom-Meeting

<https://tum-conf.zoom.us/j/91058745111>

Meeting-ID: 910 5874 5111

Code: RetailOps

Retail Analytics: From Big Data on Consumer Behavior and Operational Performance to Actionable Insights by Robert Roodkerk (Rotterdam School of Management, Erasmus University) joint work with Nicole DeHoratius (University of Chicago) & Andrés Musalem (University of Chile)

#### Abstract

The introduction of many new technologies in retail has led to an abundance of data, including new, often unstructured, data sources. These so-called big data allow for better measurement of consumer behavior and operational performance. The degree to which the use of these new data will also deliver improved insights for retail operations, depends on the successful adoption of advanced analytics. Our study will summarize the developments in practice ("the evolution of analytics"), and contrast these to the state of academic research. I will present the results of the analyses we have so far conducted, including bibliometric analyses and text analyses of Twitter data. I will also discuss our plans for additional analyses. Our study intends to provide academics with a clear roadmap for future research on retail analytics by considering the following two questions: i) what exciting new challenges come with the availability of new data sources? ii) what analytics needs (will) exist in practice? We plan to provide practitioners with best-in-class examples per decision area (e.g., assortment planning, inventory management, returns handling), and an overview of how existing and future academic research can help address the challenges in these domains.

## EWG EU/ME, EURO Working Group on Metaheuristics

### 5th International Conference on Intelligent Systems, Metaheuristics & Swarm Intelligence (ISMSI 2021)



Victoria, Seychelles, 10-11 April, 2021

[Website](#)

The main objective of ISMSI 2021 is to present the latest research and results of scientists related to Intelligent Systems, Metaheuristics & Swarm Intelligence topics. This conference provides opportunities for the delegates to exchange new ideas face-to-face, to establish business or research relations as well as to find global partners for future collaborations. We hope that the conference results will lead to significant contributions to the knowledge in these up-to-date scientific fields.

#### Technically Sponsored by EU/ME, the Euro Working Group on Metaheuristics

All the authors are to submit your full papers or abstracts (in case of poster presentation) to us via the **Easychair Submission System**. Papers must be submitted electronically in PDF format.

1. To publish the full paper into conference proceedings & give the oral presentations, please send us the full paper.
2. To give an oral presentation without publication, please just send us the abstract.

#### Important Dates

Submission Deadline **November 20, 2020**

Acceptance Notification December 15, 2020

Registration Deadline January 5, 2021

Conference Dates April 10-11, 2021

#### Why should you attend ISMSI 2021?

- Learn about products, implementation strategies, industry trends
- Build Relationship with Colleagues who are Specialists in Different Areas of Intelligent Systems, Metaheuristics & Swarm Intelligence
- Share your experiences and lessons learned with other enthusiasts
- Discover innovative solutions to enhance the performance
- Maximize returns on investment for system upgrades, operations, and maintenance

## EWG DSS, EURO Working Group on Decision Support Systems

Loughborough, UK, 26-28 May, 2021

Website

**Topic: Decision Support Systems, Analytics and Technologies in response to Global Crisis Management**

The **EURO Working Group on Decision Support Systems** invites you to participate in the ICDSST 2021 International Conference on Decision Support System Technology on Decision Support Systems, Analytics and Technologies in response to Global Crisis Management in Loughborough, UK. The Conference will be hosted at the School of Business and Economics, Loughborough University, during the period of May 26th to May 28th, 2021.

The Organizing Committee of the ICDSST 2021 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 ICDSST 2021.

Authors are requested to submit full papers, short papers or posters.

All papers and posters should be submitted to the ICDSST 2021 via the following EasyChair account:

<https://easychair.org/conferences/?conf=icdsst2021>.

**Deadlines for Submissions:**

Submission of full papers: **30 November 2020**

Notification of acceptance: 15 February 2021

Camera ready version: 28 February 2021

Submission of short papers: 1 March 2021

Notification of acceptance: 9 April 2021

Camera ready version: 20 April 2021

Submission of posters: 15 March 2021

Notification of acceptance: 9 April 2021

Camera ready version: 20 April 2021

## Application of Metaheuristics on Large Scale Problems LSSC'21

Sozopol, Bulgaria, 7-11 June, 2021

Website

On behalf of the Organizing Committee, we invite you to participate in the special session (workshop) on "APPLICATIONS OF METAHEURISTICS TO LARGE-SCALE PROBLEMS" at the 13th International Conference on Large Scale Scientific Computation - LSSC'21, June 07 - 11, 2021, Sozopol.

The session is organized by:

Prof. Stefka Fidanova ([stefka@parallel.bas.bg](mailto:stefka@parallel.bas.bg))

from the Institute of Information and Communication Technologies (former Institute for Parallel Processing), Bulgarian Academy of Sciences and

Gabriel Luque ([gabriel@lcc.uma.es](mailto:gabriel@lcc.uma.es)) from University of Malaga, Spain.

**Important deadlines**

Deadline for submission of abstracts **January 15, 2021**

Notification of acceptance of the talks on the basis of the submitted abstract January 31, 2021

Deadline for registration February 15, 2021

Deadline for submission of full papers March 01, 2021

Notification of acceptance of full papers April 15, 2021

Send the abstracts and papers to special session organizers and conference organizers, indicating the name of the special session.

**EWG ECCO, EURO Working Group on Combinatorial Optimization**

**ECCO XXXIV, the 34th Conference of the**

Madrid, Spain, 9-11 June, 2021

Website

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 primary objectives are: exchanging results and experiences in solving real-world combinatorial optimization problems

- reporting on development and implementation of appropriate models and efficient solution methods for combinatorial optimization problems
- establishing networking contacts between individuals and research groups working on related topics
- promoting the work on combinatorial optimization (theory and applications) to the broader scientific community
- identifying challenging research problems for the field, as well as promising research outlets (both in theory and applications)
- promoting interactions with researchers in other related fields

#### Confirmed plenary speakers:

Martine Labbé  
Mihalis Yannakakis

The conference budget includes a limited amount of funds for fee waivers for PhD students. Priority will be given to students presenting their work at the conference.

#### Important Dates

**February 1, 2021:** Abstract submission deadline  
March 1, 2021: Notification of Acceptance.  
March 15, 2021: Early registration deadline.  
May 15, 2021: Registration deadline.

## EURO Working Group on OR in Sports

### 8th MathSport International conference

Reading, UK, 23-25 June, 2021



Website

MathSport International organizes biennial conferences dedicated to all topics where mathematics and sport meet. The latest edition, Mathsport International 2019, was hosted by Athens University of Economics and Business (Greece), from Monday 1st to Wednesday 3rd July 2019. It was the 7th conference in Europe that brings together Maths and Sport. Previous conferences have been organised by the Institute of Mathematics and Its Applications (IMA), KU Leuven, Loughborough University, and University of Padova. More information about previous conferences can be found [here](#).

Mathsport International 2021 will be organized in Reading (UK). In the event that travel remains restricted due to the Covid-19 pandemic, the conference will move to an online format. More details will be announced later.

We invite you to check out the **EURO working group OR in Sports**, and register for free membership.

## 15th International Congress on Logistics and SCM Systems

Poznań, Poland, 28-30 June, 2021

Website



The increasing digitalization of the processes in logistics and a need for more integrated and seamless cooperation in supply chain management are dominant trends in the business world currently. The emergence of the Internet of Things, cyber-physical systems and advanced data analytics establishes new possibilities and challenges in logistics and supply chain management, for example driverless transport solutions, smart warehouses and smart shelves. On the other hand, climate change is putting pressure on governments and international institutions to provide guidelines for companies on how to provide goods and services in a more sustainable way.

The 17 Sustainable Development Goals (SDGs) adopted by all United Nations Member States are an urgent call for action in a global partnership. The 11<sup>th</sup> goal focuses on sustainable cities and establishes a new framework towards a more green transport solution in urban areas. Pressure on the reduction of greenhouse gases emission encourages development of more smart technologies that are cleaner and more efficient. The 12<sup>th</sup> goal calls for more responsible consumption and production, reduction of waste and more efficient use of resources. At a company level it requires for the application of new technologies at the hardware level but also it calls for new methods for data collection and analytics for sustainability assessment purposes.

The integration of the physical and cyber systems is necessary to achieve more environmentally friendly, efficient, safe logistics and supply chain operations.

It is our pleasure to invite scholars and practitioners around the world to participate in the 15<sup>th</sup> International Congress of Logistics and SCM Systems (ICLS 2020) to be held on July 1~3, 2020 in Poznan, Poland. It is organized by the Faculty of Engineering Management, Poznan University of Technology ([www.put.poznan.pl](http://www.put.poznan.pl)) and co-organized by the International Federation of Logistics & SCM Systems (IFLS).

#### Important Dates

\*Abstract submission for conference, post-proceedings deadline: **15<sup>th</sup> December 2020**

\*Full paper submission for conference, post-proceedings deadline : 31<sup>st</sup> Jan 2021

\*Early bird registration deadline: 10<sup>th</sup> May 2021

\*Regular registration deadline: 10<sup>th</sup> June 2021

## EWG EWGLA, EURO Working Group on Locational Analysis

### ISOLDE XV and EWGLA XXVI

**Kaiserslautern & Baden-Baden, Germany,  
4-10 July, 2021**



[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.

#### Important Dates

Dec. 1, 2020 - Start of abstract submission

**Feb. 5, 2021** - End of abstract submission

Feb. 26, 2021 - Notification of acceptance

Mar. 1, 2021 - Start Early Registration

Mar. 31, 2021 - End Early Registration

## CPAIOR 18th International Conference on the Integration of Constraint Programming, Artificial Intelligence, and Operations Research

**Vienna, Austria, 5-8 July, 2021**

[Website](#)

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

showcasing CP/A/OR techniques on novel and challenging applications or experience reports on such applications are strongly encouraged.

Regular papers should present original unpublished work and can be of two types:

long papers (at most 15 pages plus references)  
short papers (at most 8 pages plus references)

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

Abstracts: **December 10th, 2020** (anywhere on Earth: AoE)  
Full papers: December 17th, 2020 (AoE)  
Rebuttal Phase: February 13-17, 2021  
Notification: February 27th, 2021  
Camera-ready version: March 27th, 2021 (AoE)

Extended abstracts should be 1 or 2 pages in length and may present preliminary work or work already published in other outlets. The extended abstracts are submitted for presentation only (if accepted), and will not be formally published in the LNCS conference volume. A collection of the accepted extended abstracts will be published on the conference website. A submission representing work submitted or published in another outlet should state that outlet. Extended abstracts will be reviewed to ensure appropriateness for the conference.

**Submission schedule for extended abstracts:**

Abstract: **March 3, 2021** (AoE)  
Notification: April 4th, 2020  
Submission Process

All papers are to be submitted electronically in PDF format by following the instructions at the URL

<https://easychair.org/conferences/?conf=cpaior2021>

For any queries on the submission process, please contact the Program Chair Peter Stuckey: [cpaior2021@dbai.tuwien.ac.at](mailto:cpaior2021@dbai.tuwien.ac.at)

## EURO Working Group on Stochastic Optimization

### ECISO-CMS 2021

### European Conference on Stochastic Optimization Computational Management Science Conference



Venice, Italy, 7-9 July, 2021

Website

ECISO 2021 is the 3rd edition of a stream of conferences organized by the EURO Working Group on Stochastic Optimization (EWGSO). 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 2021 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.

**CONFIRMED INVITED SPEAKERS**

DARINKA DENTCHEVA, Stevens Institute of Technology (USA)  
DAVID MORTON, Northwestern University (USA)  
GAH-YI BAN, London Business School (UK)  
DANIEL KUHN, École polytechnique fédérale de Lausanne (CH)  
GIORGIO CONSIGLI, Università di Bergamo (I)  
Venue: Department of Economics, Ca' Foscari University of Venice  
San Giobbe Campus – Cannaregio 873, 30121 Venice, Italy

Conference Secretariat: [ecsocms2021@unive.it](mailto:ecsocms2021@unive.it)

Jury for the Student Best Paper Prize: Stein-Erik Fleten (NTNU Norwegian University of Science and Technology), Milos Kopa (Charles University of Prague), Francesca Maggioni (University of Bergamo), Ruediger Schultz (University Duisburg-Essen).

#### Important Dates

Abstract submission: **March 31st, 2021**

Notification of acceptance: April 20th, 2021

Early registration: April 30th, 2021

## Genetic and Evolutionary Computation Conference (GECCO 2021)

Lille, France, 10-14 July, 2021

[Website](#)

The Genetic and Evolutionary Computation Conference (GECCO 2021) will present the latest high-quality results in genetic and evolutionary computation. Topics include genetic algorithms, genetic programming, evolution strategies, evolutionary programming, memetic algorithms, hyper-heuristics, real-world applications, evolutionary machine learning, neuroevolution, evolvable hardware, artificial life, adaptive behavior, ant colony optimization, swarm intelligence, biological applications, evolutionary robotics, coevolution, artificial immune systems, and more. The **full list of tracks** is available.

The GECCO 2021 Program Committee invites the submission of technical papers describing your best work in genetic and evolutionary computation.

#### Important Dates

Full papers (traditional category)

- Abstract Deadline: **January 28, 2021**
- Submission of Full Papers: February 4, 2021
- Notification of acceptance/rejection: March 26, 2021
- Camera-ready deadline: April 15, 2021

Poster-only papers

- Submission of Poster-only papers: February 4, 2021
- Notification of acceptance/rejection: March 26, 2021
- Camera-ready deadline: April 15, 2021

## Publications



### EURO Journal on Transportation and Logistics

#### Special Issue: Call for Papers on Advances in Facility Location and Logistics

Guest Editors: **Isabel Correia, Teresa Melo, Olivier Péton**

Deadline for submission: **December 15, 2020**

[Website](#)

In recent years, advances in technology have had a tremendous impact on transportation and logistics systems. Digital transformation, data analytics, cloud computing, and new business models are creating new challenges and opportunities, also for Operational Researchers. At the same time, social and environmental sustainability are also affecting how logistics systems and supply chain networks are configured and operated. Operational Research can make a valuable contribution to improving the quality of decision-making through developing new optimization models and solution techniques that capture the complexity of the new problems and interactions among different parts of the supply chain.

This special issue aims to publish original, high-quality manuscripts presenting innovative research and addressing theoretical achievements, algorithmic development, and real-world applications in the context of logistics, with a special focus on facility location.

**Topics of interest**

Papers submitted to this special issue should include facility location models and solution methods. The list of possible fields comprises (but is not limited to):

- Applications, e.g. in health care, in the public sector
- Data-driven approaches
- Design of innovative logistics systems
- Green logistics
- Humanitarian logistics
- Integration of location decisions with logistics operations (e.g. location-routing, location-inventory)
- Intralogistics
- Reverse logistics
- Supply chain design and service network design

#### Manuscript Preparation and Reviewing

Prospective authors are asked to follow the journal's guide for authors:

(<https://www.elsevier.com/journals/euro-journal-on-transportation-and-logistics/2192-4376/guide-forauthors>)

and submit their papers via the editorial site (<https://www.editorialmanager.com/jtl/default.aspx>).

Please select "Advances in Facility Location and Logistics" as the "Article Type" during the submission process.

Submitted papers should not have previously been published nor be currently under consideration for publication elsewhere.

Submitted papers will undergo a regular review process according to the high standards of EJTL.

The EURO Journal on Transportation and Logistics is an open access journal that offers a forum for the presentation of original mathematical models, methodologies and computational results, focusing on advanced applications in transportation and logistics. The journal is published in collaboration with the Association of European Operational Research Societies (EURO). For articles submitted by 31 December 2021, EURO covers the open access Article Publishing Charge (APC) fee.



## Journal of Data, Information and Management

### Special Issue: Call for Papers on Big Data Analytics and Artificial Intelligence to Combat a Pandemic

Guest Editors: **Markku Kuula, Yanfei Lan, Amir Zadeh**

Deadline for submission: **December 15, 2020**

[Website](#)

In this special issue of the Journal of Data, Information and Management on the theme of "Big Data Analytics and Artificial Intelligence (including machine learning) to combat Covid-19" is intended to obtain insights and viewpoints from scholars and practitioners on the use of new technologies such as artificial intelligence and machine learning for the prevention or reduction of the negative impact of COVID-19. We seek for articles that apply artificial intelligence, machine learning and data science concepts and techniques to study the pandemic and its effects on individuals, organizations or the supply chain at large.

Submission Instructions: Inquiries about this special issue should be directed to guest editors. All papers must be submitted through the official online submission system at

<https://www.editorialmanager.com/dima/default.aspx>, and select the special issue from the menu. Please follow the instructions to authors <https://www.springer.com/journal/42488/submission-guidelines>. All papers will undergo the journal's standard initial screening processes.



*algorithms*

## Algorithms

### Special Issue: Call for Papers on Reinforcement Learning: Algorithms and Applications

Guest Editor: **Michael Kaisers**

Deadline for submission: **January 31, 2021**

[Website](#)

Reinforcement learning is a research area with tremendous progress in addressing the various fundamental challenges that arise in applications—yet wide-spread rollout requires overcoming additional translational challenges to put algorithms into practice. The aim of this Special Issue is to (1) identify and characterise rising fundamental and translational challenges, (2) delineate progress towards solving them, and (3) highlight insights gained in successful real-world applications.

We invite high quality original contributions to this Special Issue on "Reinforcement Learning: Algorithms and Applications." While reinforcement learning has made large strides when simulations are available, this Special Issue particularly seeks to advance a holistic system view, including the application task modeling or model-learning stages (e.g., discussing bias-variance tradeoffs) or other methods that close the gap between theory and application. Submissions that integrate progress against a fundamental challenge with empirical evidence in a specific application are particularly encouraged.



*algorithms* Algorithms

## Special Issue: Call for Papers on Parameterized Complexity and Algorithms for Nonclassical Logics

Guest Editor: **Arne Meier**

Deadline for submission: **January 31, 2021**

[Website](#)

Nonclassical logics occur in a wealth of areas of research and modern life. For instance, temporal logics play a prevalent role in program verification, nonmonotonic logics are omnipresent in artificial intelligence, hybrid, or modal logics, and description logics are central to ontology-based research. However, there are numerous other nonclassical logics that are also of interest.

For this Algorithms Special Issue on parameterized complexity and algorithms for nonclassical logics, we kindly invite you to submit your high-quality papers with subjects covering recent research on possible directions with an emphasis on nonclassical logics.



*algorithms* Algorithms

## Special Issue: Call for Papers on Online Algorithms beyond Competitive Analysis

Guest Editor: **Christoph Dürr**

Deadline for submission: **January 31, 2021**

[Website](#)

The online computing framework captures algorithmic problems, where the input arrives in form of a request sequence, and each request needs to be served without knowledge of the whole input. Competitive analysis is traditionally used to analyse the performance of an online algorithm, by comparing its cost to an optimal offline serving, which knows the whole input. The resulting competitive ratio measures the price of not knowing the future input sequence and represents the value of a game played between an algorithm serving requests and an adversary generating requests. More realistic models have been studied as well, either by giving more power to the algorithm, for example in form of some prediction on future requests or by giving less power to the adversary, for example by imposing a stochastic behavior.

We invite you to submit high quality papers to this Special Issue on "Online Algorithms beyond Competitive Analysis."



## Special Issue: Call for Papers on Financial Modelling and Risk Management of Energy and Environmental Instruments and Derivatives

Guest Editors: **Aviral Kumar Tiwari, Shawkat Hammoudeh, Claudiu Tiberiu Albuлесcu, R. K. Jana**

Deadline for submission: **January 31, 2021**

PDF

This is an open call for papers directed to all the researchers and analysts in this area. In particular, we encourage the participants of the 1st and 2nd Rajagiri Conference of Economics and Finance to submit substantially revised versions of their papers presented to the conference incorporating the comments from the conference. Further, authors are also requested to cite the conference presentation while submitting the full draft of the paper where appropriate.

Instructions for authors can be found at:

<https://www.springer.com/journal/10479/submission-guidelines>

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, Financial Modelling and Risk Management of Energy and Environmental Instruments and Derivatives, 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 the accepted papers will be published online individually, before print publication. Please keep in mind that the quality and relevance to the special issue's topic are the two most important criteria for accepting contributions. (However, if the quality of a paper is high, but the topic does not fit the scope of the special issue, the submission can be considered for a regular issue of the Journal.)



## Annals of Operations Research

### Special Issue: Call for Papers on Recent Advances in Simulation-based Optimization for Operations Research Problems

Guest Editors: **John Fowler, Sondoss El Sawah, Hasan Hüseyin Turan**

Deadline for submission: **January 31, 2021**

PDF

Simulation modelling is a prevailing technique to analyze complex systems when closed-form analytical models provide poor estimations or do not exist at all because of the modelling assumptions and system complexities. Simulation models enable decision-makers to set-up "what if" questions about the effects of alternative pre-specified decisions on the system performance, but they are not equipped with search techniques to find and suggest optimal decision(s). Thus, simulation models are combined with optimization algorithms (e.g., metaheuristics and/or exact methods) to find optimal or near-optimal decisions for complex problems. Such a coupling is known as "simulation-based optimization" or "simulation- optimization" in decision-making framework.

With recent increases in the computational power of computers, there have been growing usage and applications of simulation-optimization methodology in operations research, including defense applications, environmental systems, communication networks, supply chains, and healthcare systems application domains. The goal of this special issue is to provide recent developments in simulation-based optimization, theoretically as well as in real-world applications.

We encourage, in particular, participants of the 23rd International Congress on Modelling and Simulation (MODSIM2019) held in Canberra, Australia, December 1–6, 2019, to submit extended versions of their presented papers.

Instructions for authors can be found at:

<https://www.springer.com/journal/10479/submission-guidelines>

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 for the article type, please select Original Research. You will then be asked if the manuscript belongs to a special issue, please choose the special issue's title, Recent Advances in Simulation-based Optimization for Operations Research Problems, to ensure that it will be reviewed for this special issue.

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



## Discrete Applied Mathematics

### Special Issue: Call for Papers on 18th Cologne-Twente Workshop on Graphs and Combinatorial Optimization (CTW 2020)

Guest Editors: **Claudio Gentile, Gaia Nicosia, Andrea Pacifici, Giuseppe Stecca, Paolo Ventura**

Deadline for submission: **January 31, 2021**

PDF

All interested researchers are invited to contribute to this special volume. The topics should be related to the themes of the workshop:

graph theory;  
combinatorial optimization;  
design and analysis of algorithms;  
theory and applications of mathematical programming with discrete variables.

Contributions arising from papers given at the workshop should be substantially extended and should cite the conference paper. Submissions of contributions not presented at the workshop are also welcome. All articles will be thoroughly refereed according to the high standards of Discrete Applied Mathematics.

The full papers must be submitted through the Elsevier Editorial System (<http://ees.elsevier.com/dam>). When submitting your paper, be sure to specify that the paper is a contribution for the special issue of \*CTW 2020\*, so that your paper is assigned to the guest editors. Please see the Author Instructions on the site if you have not yet submitted a paper through this web-based system. Be sure to note that your work is intended for the Special Issue and to select the article type \*CTW 2020\*.



## EURO Journal of Operational Research

### Special Issue: Call for Papers on The role of OR in the future epidemics/ pandemics

Guest Editors: **Rubén Ruiz García, Reza Zanjirani Farahani, Luk N. Van Wassenhove**

Deadline for submission: **February 15, 2021**

Website

#### Background

In 1918-19, the Spanish flu (known as the 1918 influenza pandemic) infected around 500 million people across the world, which was one-third of the world's population at the time. At least 50 million people died, including about 675,000 people in the United States. The recent disease outbreaks, including SARS between 2002 and 2004, H1N1 in 2009, Ebola between 2014 and 2016, Cholera (after Haiti earthquake between 2010 and 2019) and COVID-19 proved that our societies are not as resilient as perceived and definitely not prepared for such disasters.

One century after the 1918 influenza, COVID-19 emerged in late 2019 in Wuhan, China. By April 9, 2020, over 1.6 million people were infected and approximately 95,000 people died.

Are we going to experience another catastrophe like the 1918 influenza? Can we anticipate the trajectory of the outbreak? Are there any ways to mitigate its impact? If this disaster is over, do we have any comprehensive plan to guarantee we can prevent a similar disaster again? How can models help us minimize economic impacts and relaunch the economy in such circumstances? In such an exceptional situation, many scientists are trying to contribute to the global effort to fight the pandemic in various disciplines such as healthcare, pharmaceutical, social, economic, operations, etc. How can Operations Research (OR) techniques contribute?

This special issue (SI) aims at publishing rigorous research based on the application of OR to epidemics and pandemics.

### Objective

In this SI, we urge academics to come up with innovative OR-based ideas without limitation in areas and scope (e.g., social, logistics, resource allocation, supply chain, healthcare, agriculture, retail, energy, medicine, technology, and epidemiology) to prescribe impactful insights to academics, practitioners and policy makers.

The SI is seeking for Innovative Applications of OR with strong methodological advancements. Case studies are especially welcomed, provided that they are not simple case studies or direct applications of known methodologies and techniques to known problems.

Please follow the EJOR's *Guide for Authors* on <https://www.elsevier.com/journals/european-journal-of-operational-research/0377-2217/guide-for-authors>



## EURO Journal on Transportation and Logistics

### Special Issue: Call for Papers on Integration of Human Factors and Ergonomics (HF/E) in Transportation and Logistics

Guest Editors: **Nabil Absi, Valeria Borodin, Diego Cattaruzza**

Deadline for submission: **March 15, 2021**

Website

Being primarily focused on operations management, the fields of transportation and logistics have so long undervalued and neglected the role of Human Factors and Ergonomics (HF/E) in their environments. In the actual era of sustainable development and digital transition, the human beings and their welfare deserve to be at the heart of current changes towards sustainable transportation and smart logistics.

In the 2000s, the International Ergonomics Association (IEA) proposed a widely adopted definition of ergonomics (or human factors), as "the scientific discipline concerned with the understanding of interactions among humans and other elements of a system, and the profession that applies theory, principles, data and methods to design in order to optimize human well-being and overall system performance".

This special issue aims at supporting the consideration of human factors in logistics and transportation, by encouraging contributions that:

- propose innovative OR-friendly approaches dedicated to modeling ergonomics aspects and solving the corresponding problems,
- consider explicitly the human factors in transportation and logistics problems and in their resolution,
- emphasize the significant impact of human factors on the performance of transportation and logistics systems,
- address original real-life and human-centered applications of OR in transportation and logistics.

### Topics of interest

Papers submitted to this special issue deal with human-aware transportation and logistics problems. Human-oriented issues should refer to the following three HF/E domains distinguished by the IEA:

- Physical ergonomics (i.e., factors related to anatomical, anthropometric, physiological and biomechanical human characteristics): e.g., working postures, materials handling, repetitive movements, musculoskeletal disorders, workplace layout, safety, energy expenditure, fatigue, health.
- Cognitive ergonomics (i.e., factors related to mental processes): e.g., learning/forgetting effects, skills, work stress.
- Organizational ergonomics (i.e. factors related to socio-organizational aspects of a system): e.g., design of working times, workforce staffing, crew resource management, turnover, equity.

The considered fields of transportation and logistics include (without being limited to): vehicle routing, city logistics, maritime and port logistics, railway transportation, healthcare logistics, warehouse management, airline crew



scheduling.

### Manuscript Preparation and Reviewing

Prospective authors are asked to follow the journal's guide for authors and submit their papers via the editorial site (<https://www.editorialmanager.com/jtl/default.aspx>). Please select "Human Factors and Ergonomics" as the "Article Type" during the submission process. Submitted papers should not have previously been published nor be currently under consideration for publication elsewhere.

Submitted papers will undergo a regular review process according to the high standards of EJTL and should comply with the usual editorial policy of the journal

The EURO Journal on Transportation and Logistics is an open access journal that offers a forum for the presentation of original mathematical models, methodologies and computational results, focusing on advanced applications in transportation and logistics. The journal is published in collaboration with the Association of European Operational Research Societies (EURO). For articles submitted by 31 December 2021, EURO covers the open access Article Publishing Charge (APC) fee.

## Prizes and Awards

### 2021 INFORMS Prize: December 1, 2020



Website

The INFORMS Prize is awarded for effective integration of advanced analytics and operations research/management sciences (OR/MS) in an organization. The award is given to an organization that has repeatedly applied the principles of advanced analytics and OR/MS in pioneering, varied, novel, and lasting ways.

The contribution will be judged relative to the impact OR/MS has had on the overall success of the organization. Thus, a multi-billion dollar firm that has a large OR/MS staff but integrates analytics or OR/MS techniques only occasionally might be ranked relatively lower than a small firm which uses analytics or OR/MS throughout its business. The award is given primarily based on the impact that OR/MS has had on the success of the firm.

#### 2021 Committee Chair

**Erica Klampfl**

Ford Motor Company

Email: [eklampfl@ford.com](mailto:eklampfl@ford.com)

[Click here for the application process.](#)



### ITC 2021: International Timetabling Competition on Sports Timetabling:

Website

We are announcing the start of the new edition of the international timetabling competition (ITC 2021), which focuses on sports timetabling. We call for your participation.

In sports timetabling, the problem is to decide on a suitable date for each of the matches to be played in the tournament. This is a complex and challenging problem, even for a small number of contestants. Our competition offers a rich and diverse set of sports timetabling instances, involving up to 9 different constraints that are common in real-life.

We invite any interested timetabler to participate, and aim to keep the threshold for participation as low as possible. In that sense, the competition rules have no time or technology restrictions: we are looking for the best solutions regardless of the computation time, and commercial solvers are allowed. Our website offers support for handling the problem instance format.

Thanks to our sponsors, we can award several prizes for the winners, such as 1000 EUR and a free registration for the PATAT 2021 conference (Bruges, Belgium) for the winner, and a free registration for the MathSport 2021

conference (Reading, UK) for the best intermediate result.

There will be a special track related to ITC 2021 at the PATAT 2021 conference. Moreover, each participant will have the opportunity to submit a paper for a special journal issue of the conference.

The competition closes on April 30<sup>th</sup>, 2021. We will release the instances in three groups (early, middle, and late); the early instances are now available on our website.

#### IMPORTANT DATES

October 31, 2020: Early instances are published

**January 1, 2021:** Milestone submission deadline

February 2021: Middle instances are published

April 2021: Late instances are published

**April 30, 2021:** Submission deadline, competition closes

May 2021: Finalists are announced

August 2021: Winners are announced

#### PRIZES

Winner first milestone:

Free registration for MathSport International 2021 (Reading, UK)

Top three overall:

Winner: 1,000EUR + free registration for PATAT 2021 (Bruges, Belgium)

Runner-up: 500EUR + discount on registration for PATAT 2021

Third: 250EUR + discount on registration for PATAT 2021

#### SPONSORS

- EURO working group on Automated Timetabling (EWG PATAT)

- PATAT 2021 conference

- EURO working group OR in Sports (EWG OR in Sports)

- MathSport International

In case you have any questions or want to participate in the competition, please send a mail to [itc2021@ugent.be](mailto:itc2021@ugent.be).

## A.W. Tucker Prize: **January 15, 2021**



Mathematical  
Optimization Society

[Website](#)

The Mathematical Optimization Society invites nominations for the 2021 A.W. Tucker Prize, to be awarded at the International Symposium on Mathematical Programming (ISMP) in Beijing, China (August 15 — 20, 2021). The prize is awarded to an outstanding doctoral dissertation defended (and degree awarded) between January 1, 2018 and January 1, 2021.

The deadline for nominations is January 15, 2021. The nominator must be a faculty member at the institution that awarded the nominee's doctoral degree, or a member of the nominee's dissertation committee. Applications should consist of the following four files, each of which should be submitted as a single PDF file:

- a letter of nomination,
- the nominee's dissertation,
- a separate summary of the dissertation's contributions, written by the nominee, that is no more than five (5) pages in length, and
- a brief biographical sketch of the nominee.

Nominations and the accompanying documentation must be written in English. The nomination should be emailed to Amitabh Basu, [abasu9@jhu.edu](mailto:abasu9@jhu.edu).

Nominations will be evaluated by the 2021 A.W. Tucker Prize Committee, with at most three finalists chosen for the prize. The finalists will be invited to give oral presentations of their work at a special session of ISMP 2021. The winner will be announced during the symposium.

2021 A.W. Tucker Prize Committee (Amitabh Basu, Frank E. Curtis, Simge Kucukyavuz, Francesca Maggioni, Laura Sanita)

## Upcoming Conferences

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

19th-20th November 2020	ICOMA 2020: The 9th International Conference on Bioinspired Optimization Methods and Their Applications	ONLINE	30th June 2020
19th November 2020	ICDO 2020: International Conference on Optimization and Decision Sciences 2020	ONLINE	30th November 2020
20th-27th November 2020	20th-27th ENISA (ENCLIS and EN) International Autumn School on Constraint Programming, Combinatorial Optimization and Machine Learning	ONLINE	
27th November 2020	Free digital (LWS) Meta Operations Meeting	ONLINE	
18th-16th December 2020	Winter Simulation Conference 2020	ONLINE	04th April 2021
3rd-5th February 2021	Dynamic Control and Optimization International Conference 2021 (DCO 2021)	Aveiro, Portugal	1st December 2020
11th-18th December 2020	IC3 2020: 3rd International Conference on Intelligent Computing & Optimization 2020	Hua He, Thailand	16th September 2020
15th-19th March 2021	ICNS - 8th International Conference on Variable Neighborhood Search	Abu Dhabi, UAE	15th July 2020
22nd-26th March 2021	SIOT - 39th Simulation Workshop	Loughborough, UK	16th October 2020
24-28th April 2021	ICCO 2021: International Conference on Mathematics and Nature Inspired Computing	Marietta, Mexico	12th October 2020
30th-3rd April 2021	EMOCC 2021 - The 21st European Conference on Evolutionary Computation in Combinatorial Optimisation	Seville, Spain	19th November 2020
10th-11th April 2021	5th International Conference on Intelligent Systems, Metaheuristics & Swarm Intelligence (ISMSI 2021)	Victoria, Seychelles	28th November 2020
15th-17th April 2021	6th EWOCFA Meeting	New York, USA	
20th-23rd April 2021	3rd IMA and OR Society Conference on Mathematics of Operational Research: Innovative Mathematics for New Industrial Challenges	ONLINE	31st December 2020
23rd-25th April 2021	PMO 2020 17th International Workshop on Project Management and Scheduling	Toulous, France	
3rd May 2021	Applications of Optimization 2021 (AOO 2021)	Copenhagen, Denmark	
11th-13rd May 2021	LAGOS 2021: The British and American Algorithms, Graphs and Optimization Symposium	Sao Paulo, Brazil	15th November 2020
19th-21st May 2021	Conference on Integer Programming and Combinatorial Optimization - IPCO 2021	Atlanta, Georgia, USA	12th November 2020
24th-28th May 2021	7th International Conference on Decision Support System, Technology (ICDSSST 2021)	Loughborough, UK	30th November 2020
31st May-4th June 2021	ICOT 2021 2021	Fargues, Morocco	28th November 2020
1st-8th June 2021	EURO PhD School Reinforcement Learning Applied to Operations Research	Munsterfeld, Germany	
7th-11th June 2020	Application of Metaheuristics on Large Scale Problems @ LSC'21	Soopol, Bulgaria	16th January 2021
9th-11th June 2021	ICCO 2021 - The 24th annual conference of the EURO Working Group European Chapter on Combinatorial Optimization	Madrid, Spain	1st February 2021
21st-23rd June 2021	OMA 2021: International Conference on Optimization and Machine Learning, Challenges and Applications	Caracas, Italy	
23rd-25th June 2021	EURO OR in Spectra - 8th Math Meet International conference	Reading, UK	18th December 2020
28th-30th June 2021	15th International Congress on Logistics and SCM Systems	Poznan, Poland	15th December 2020
28th June-7th July 2021	EURO PhD School on Data Driven Decision Making and Optimization	Seville, Spain	
30th June-1st July 2021	FAO 2021 - 2nd International workshop on Forecasting for Smart Cities	Bordeaux, France	29th March 2021
30th June-2nd July 2021	2nd International Conference on Applied Mathematics in Engineering (ICAME)	Balikesir, Turkey	16th March 2021
4th-10th July 2021	ICOLM & B. EWISA 2021	Kaiserslautern & Baden-Baden, Ger	6th February 2021
5th-8th July 2021	ICSO 2021: The International Conference on the Integration of Constraint Programming, Artificial Intelligence, and Operations Research	Toulous, France	29th December 2020
7th-9th July 2021	The 18th EURO-FE Workshop on Advances in Combinatorial Optimization (EUROFE 2021)	Venice, Italy	13th March 2021
7th-9th July 2021	Joint EURO-CMS 2021 European Conference on Combinatorial Optimization, Computational Management	Lim, France	28th January 2021
10th-14th July 2021	2021 Genetic and Evolutionary Computation Conference (GECCO 2021)	Athens, Greece	28th February 2021
11th-16th July 2021	EMO 2021	Lisbon, Portugal	
18th-22nd July 2021	EURO PhD School on Sustainable Supply Chains	Lisbon, Portugal	
19th-20th July 2021	EURO PhD School on MCDM/MSM	Edirne, Turkey	
21st-23rd July 2021	3rd Conference on Sustainable Supply Chains (3rdCSC 2021)	Lisbon, Portugal	30th April 2021
2nd-4th August 2021	Modeling and Optimization - Theory and Applications (MOTA 2021)	Perryville, USA	28th June 2020
16th-20th August 2021	EMO 2021	Beijing, China	
15th-27th August 2021	EURO PhD School on Operations Research in Computational Biology, Bioinformatics and Medicine	Istanbul, Turkey	
21st-23rd August 2021	COGA workshop	Bruges, Belgium	
23rd-27th August 2021	ICORS	Seoul, South Korea	
24th-27th August 2021	INSTAT 2021	Bruges, Belgium	
28th August-1st September 2021	9th - International Workshop on Lot Sizing	Oslo, Norway	15th May 2021
30th August-1st September 2021	CLAO 2021	Madrid, Spain	19th May 2021
30th August-2nd September 2021	Barcelona 2020: The 18th International Conference on Railway Technology, Research, Development and Maintenance	Madrid, Spain	28th February 2021
30th August-3rd September 2021	29th edition of the IIP-TC Conference: System Modeling and Optimization	Quito, Ecuador	27th March 2021

## Contact Us

Do you have an item to be included in the next newsletter? Just contact us at [office@euro-online.org](mailto:office@euro-online.org). We reserve the right to edit submissions to suit the presentation and available space.



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