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 Elsevier. It was officially launched in 2011. Its Editor in Chief from 2021 is Immanuel Bomze.

EURO Journal on Decision Processes (EJDP), published by Elsevier. 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**)
- 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 2021
Athens, Greece, 11-14
July, 2021**

We are planning for a hybrid conference in Athens with synchronous online and physical delivery of some streams. More detailed plans are being developed and a final decision will be made on 15th January 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, and authors whose abstracts were accepted will be published in the digital abstract book, with e-posters available for virtual consultation. Industry will also 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**. 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**
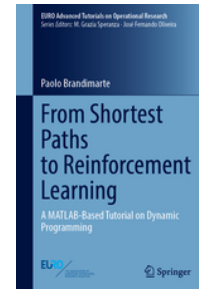We look forward to welcoming you to our very exciting conference in Athens!
Rudolf Vetschera, Nikolaos Matsatsinis, John Psarras

EURO Advanced Tutorials on Operational Research

NEW Title:
From Shortest Paths to Reinforcement Learning
A MATLAB-Based Tutorial on Dynamic Programming

Author: Brandimarte, Paolo

<div align="center">

Website

</div>

Dynamic programming (DP) has a relevant history as a powerful and flexible optimization principle, but has a bad reputation as a computationally impractical tool. This book fills a gap between the statement of DP principles and their actual software implementation. Using MATLAB throughout, this tutorial gently gets the reader acquainted with DP and its potential applications, offering the possibility of actual experimentation and hands-on experience. The book assumes basic familiarity with probability and optimization, and is suitable to both practitioners and graduate students in engineering, applied mathematics, management, finance and economics.

GUROBI OPTIMIZATION

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

EURO / THE ASSOCIATION OF EUROPEAN OPERATIONAL RESEARCH SOCIETIES

<div align="center">

Website

</div>

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

EURO / THE ASSOCIATION OF EUROPEAN OPERATIONAL RESEARCH SOCIETIES

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. <u>Nomination letters</u> (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

NATCOR — A National Taught Course Centre in Operational Research

EURO / THE ASSOCIATION OF EUROPEAN OPERATIONAL RESEARCH SOCIETIES

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

ALIO/EURO Conference on Applied Combinatorial Optimization

Viña del Mar, Chile, 29 November - 1 December, 2021

Website

ABOUT THE CONFERENCE

The Joint ALIO/EURO International Conference on Applied Combinatorial Optimization is a triennial event jointly promoted by the Association of Latin-Iberoamerican Operational Research Societies (ALIO) and the Association of European Operational Research Societies (EURO), both of which are within the International Federation of Operational Research Societies (IFORS). The main purpose of the event is to bring together Latin American and European researchers and to stimulate activities and discussions about methods and applications in combinatorial optimization. Researchers from other parts of the world are also welcome.
The last editions of the Joint ALIO/EURO International Conference on Applied Combinatorial Optimization were held in Bologna, Italy (2018), Montevideo, Uruguay (2014), Porto, Portugal (2011), and Buenos Aires, Argentina (2008).

SCOPE AND TOPICS

Contributions dealing with any aspect of Applied Combinatorial Optimization are welcome. This includes theoretical achievements, algorithm development, and real-world implementations. Main topics of this workshop are, among others: Applications of Combinatorial Optimization, Approximation algorithms, Bioinformatics, Branch-and-cut-and-price algorithms, Computational complexity, Emerging applications of OR, Energy planning, Graph theory, Heuristics and metaheuristics, Hybrid methods, Integer programming, Natural resource management, Network design and analysis, OR for sustainability, Production planning, Telecommunications, Transportation and Logistics.

PLENARY LECTURES

ALIO Plenary Speaker: Nicolas Stier-Moses, Facebook Core Data Science
EURO Plenary Speaker: Markus Leitner, VU Amsterdam
Invited Plenary Speaker: Javiera Barrera, Universidad Adolfo Ibáñez

IMPORTANT DATES

Deadline for Submission: **May 1, 2021**
Notification of acceptance: July 2021
Camera Ready: September 2021
Conference: November 29 to December 1, 2021

Online Seminar Series "Machine Learning NeEDS Mathematical Optimization"

Website

Dear colleagues,

We warmly welcome you to the Online Seminar Series "Machine Learning NeEDS Mathematical Optimization" that will start on **January 11, 2021**. This is a weekly seminar series that will take place every Monday, at 16.30 (CET). It will be 100% online-access, and it will have speakers from around the globe.

We have lined up a number of presentations from leading academics in the field of Data Science and Analytics that will cover important topics such as explainability, fairness, fraud, privacy, etc. Mathematical Modeling and

Mathematical Optimization will be at the core of their presentations. We will also have presentations from junior academics showing their latest results in this burgeoning area.

For information on the talks follow the link below
https://riseneeds.eu/2020/12/09/upcoming-seminar-series-machine-learning-needs-mathematical-optimization/

Alternatively, you can follow us on Twitter
@imus_us
@needs_project

Looking forward to e-seeing you at the seminar series,

Emilio Carrizosa
IMUS-Instituto de Matemáticas de la Universidad de Sevilla
https://scholar.google.com/citations?hl=en&user=vzZSzdYAAAAJ
@emiliocarrizosa

&

Dolores Romero Morales
Copenhagen Business School
https://scholar.google.com/citations?hl=en&user=lzVoV4oAAAAJ
@DoloresRomeroM

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IMUS-Instituto de Matemáticas de la Universidad de Sevilla, **www.imus.us.es**
Copenhagen Business School, **www.cbs.dk**
H2020 EU RISE NeEDS project, **www.riseneeds.eu**

Conferences, Schools and Meetings

Dynamic Control and Optimization International Conference 2021 (DCO 2021)

ONLINE/Aveiro, Portugal, 3-5 February, 2021

[Website]

The aim of DCO 2021 is to bring together academic specialists and promote a broad exchange of information and new developments in dynamic control and optimization from the theoretical as well as from the application point of view. Among the topics of the conference are recent results in nonlinear dynamical control systems, control of evolution PDE, optimal control, sub-Riemannian geometry, ordinary differential equations, calculus of variations, stochastic differential equations, propagation of acoustic waves in elastic media, dynamics in space-time, optimal control under delay, anticipation or regime switching, and robust optimal control.

During the conference we will commemorate the 65th birthday of Professor Andrey Vasil'evich Sarychev, presently professor at the University of Florence, Italy, who during the period from 1993 to 2002 was working at the Department of Mathematics of the University of Aveiro where he was engaged in active pedagogic activity and played a major role in the scientific development and research activities. He collaborated with over 30 co-authors from nine countries, and supervised seven PhD students and three young researchers from Portugal and France.

Due to the COVID-19 situation, the conference is planned to be held simultaneously in two forms:
1. attended at the Department of Mathematics of the University of Aveiro;
2. virtually in the form of Zoom or Teams video conference.
To provide the participants of the conference an access to Plenary sessions, the Invited Speakers' talks are planned to be transmitted by video either online or recorded.

Abstract Submission is open till **December 25, 2020**
Notification of Acceptance of Talk: January 7, 2021
Early-Bird Registration deadline: January 15, 2021
Registration deadline: January 30, 2021

Email of the conference: **cidma-dco2021@ua.pt**

AIRO School & 5th AIRO Young Workshop 2021
"Optimization and Data Science: Trends and Applications"

Website

The aim of the joint event is twofold.
The AIRO PhD School 2021 provides a stimulating learning environment where participants get opportunities to develop research skills, increase their knowledge base, collaborate with others in their own and complementary research areas, engage in debate, have access to experts in the field.

The 5th AIROYoung Workshop promotes the sharing of knowledge about advanced methodologies and applications through the interactions between OR and other research communities from various sectors (applied mathematics, computer science, engineering, economics, etc.).

The joint event aims at providing a networking opportunity between young researchers from all over the world, fostering dialogue and collaborations among students, academics, and practitioners.

The event will take place in blended form.

The physical venue is the Conference Room of Accademia di Scienze Fisiche e Matematiche in Naples (Italy) (**http://www.societanazionalescienzeletterearti.it/**), where attending participants, lecturers and speakers could meet. The presence of the lecturers at the physical venue will be confirmed later, depending on the evolution of the pandemic situation and on the restrictions about the movements among states and regions.

The virtual venue will be held in Zoom communication platform with the support of Springer.
Live presentations and/or recorded ones will be possible.

Each participant attending the PhD school and the Workshop will receive an Attendance Certificate. The PhD School certificate is valid for the ECTS.

We invite all AIRO Young members, PhD students in Operations Research and related topics, early-stage Researchers (PhD degree ≤ 5 years old) or anyone with a strong interest in OR (≤ 35 years old) to attend this joint event and to submit abstracts in the field of " Optimization and Data Science: Trends and Applications" to be presented during the Workshop.

REGISTRATION
The registration to the joint event is free. No fee has to be paid. Participants can attend a single event (PhD School or Workshop) or both the events. Registration should be made by **February 4th, 2021**.

ABSTRACT SUBMISSION
We recall that the 5th AIRO Young Workshop participants who want to present a contribution have to submit the abstract at the moment of registration.
Abstract submission should be made within **January 22nd, 2021**.
The authors will receive a notification of acceptance by January 25th, 2021.

INVITED SPEAKERS
AIRO PhD School 2021
- Antonio Frangioni, Department of Computer Science, University of Pisa
- Manlio Gaudioso, Department of Computer Engineering, Modeling, Electronics and Systems, University of Calabria
- Stefano Lucidi, Department of Computer, Control, and Management Engineering, University "La Sapienza" of Roma
- Michele Monaci, Department of Electrical, Electronic and Information Engineering, University of Bologna
- Maria Grazia Speranza, Department of Economics and Management, University of Brescia
5th AIRO Young Workshop
- Alberto Ceselli, Department of Computer Science, University of Milan
- Ivana Ljubic, Department of Information Systems, Decision Sciences and Statistics, ESSEC Business School, Paris

UK Operational Research Society

Analytics, OR and AI Summit 2021

ONLINE, 11 February, 2021

The OR Society's Analytics Summit is returning on 11 February 2021 as a global, online event. This year's plenary speaker is **Professor David Hand**, Imperial College London.

Speakers
In addition to our plenary talk, this event will include live talks from:
· **Ganna Pogrebna**, Alan Turing Institute
· **Mark Somers**, Founder and MD 4most
· **Samhita Rao**, HSBC
· **Matt King**, O2 Motion
· **Katerina Papadimitraki**, Movement Strategies
· **Jack Snape**, Transport for the North

Why attend?
Not only will the Summit provide you with a greater understanding of how to drive business results with data, but it will also provide insight into the latest developments in analytics, OR and AI, and give you a platform to ask questions. Every talk will close with a 15-minute Q&A.

This is the event to attend if want to find out how new developments are changing the field, and what you should look out for in the years to come.

Networking opportunities
Throughout the day you will have the chance to engage with other professionals via discussion boards and one-to-one with Instant Messenger.

Book tickets – Early Bird closes 24 December 2020
Book before 24 December 2020 to take advantage of our Early Bird discount; tickets are £50 for members and £100 for non-members of The OR Society.

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

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 **December 25, 2020**
Acceptance Notification January 20, 2021
Registration Deadline February 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 PMS, EURO Working Group on Project Management and Scheduling

The 17th International Workshop on Project Management and Scheduling (PMS)

Toulouse, France, 21-23 April, 2021

Website

PMS is an international Workshop series initialized by the EURO PMS Working Group, devoted to project management and scheduling. The Workshop is held every two years in different locations around Europe. This event brings together researchers and practitioners from different disciplines of Computer Science, Operational Research, Optimisation Engineering, Mathematical Programming and Industrial Engineering. The Workshop covers theoretical results and algorithmic developments in the fields of Project Management and Scheduling, including project management and scheduling practice and applications to real-life situations.

Confirmed plenary speakers (abstracts available on the web site):
* * **Stéphane Dauzère-Pérès** (Ecole des Mines de Saint-Etienne) - Modeling and solving complex job-shop scheduling problems
** **Marjan van den Akker** (Utrecht University) - Robustness in Scheduling
** **Mario Vanhoucke** (Ghent University) - Data Driven Project Management
Confirmed industrial plenary talk (abstract available on the web site)
** **Philippe Laborie** (IBM) - Industrial project and machine scheduling with Constraint Programming

SEIO 2021 - 39th Spanish Conference on Statistics and OR

Granada, Spain, 8-11 June, 2021

Website

We are immensely delighted and honoured to announce the scientific community and experts in Statistics and Operations Research to attend the 39th Spanish Conference on Statistics and OR and the 13th Days of Official Statistics, to be held in Granada, June the 8th to June the 11th, 2021.

In modern day society that generates huge amounts of data, its analysis, interpretation, and optimal decision-making are essential not only in the world of education, scientific research, public statistics and business, but in all areas of life, with the benefits that this entails for society in general. Currently, the Covid19 pandemic has revealed the vital role of the mathematical models of Statistics and Operations Research to help predict its evolution and optimize available resources. More than ever, this event offers a unique opportunity as a forum in which academicians, researchers and experts dealing with Statistics and OR join to exchange ideas and expertise.

The Organizing and Scientific Committees invite to participate in the Conference and Days all those related to, or interested in, Mathematical/Official Statistics and Operations Research methodological procedures, irrespectively of them coming from academia, industry and administration. Participation through different sessions will certainly enhance the good current state of Statistics and OR, and it will also show their influence in the advancement of the Society of the 21st century.

Although the conference is initially designed to be held face to face, given the difficulties experienced today due to Covid-19, multiple scenarios are planned for the correct development of the event.

The official languages of the Conference/Days are Spanish and English.

Work submission: deadline **January 25th, 2021**

Looking forward to seeing you in Granada and joining us there for SEIO'2021.

EURO Working Group on OR in Sports

8th MathSport International conference

Reading, UK, 23-25 June, 2021

MathSport International organizes biennial conferences dedicated to all topics where mathematics and sport meet. The latest edition, Mathsport International 2019, was hosted by 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.

7th Online & Onsite International Conference on Machine Learning, Optimization, and Data Science – LOD 2021

Lake District, UK & ONLINE, 29 June - 2 July, 2021

The 7th International Online & Onsite Conference on Machine Learning, Optimization, and Data Science – #LOD2021, June 29 - July 2, Grasmere, Lake District, England – UK

lod@icas.cc

* Paper Submission Deadline: **Monday January 25, 2021** – Anywhere on Earth.

https://easychair.org/conferences/?conf=lod2021
https://lod2021.icas.cc/deadlines/

International Conference on the Mathematical Optimization Theory and Operations Research (MOTOR 2021)

Irkutsk-Baikal, Russia, 5-10 July, 2021

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

Important dates
- abstract submission: **January 16, 2021**
- full paper submission: February 13, 2021
- notification of acceptance: March 20, 2021
- camera ready version: April 10, 2021
- conference dates: July 5-10, 2021

Abstract and paper submission
Authors are invited to submit their papers reporting on novel results that are not published or submitted simultaneously to any journal or another conference with refereed proceedings.

Abstract of the paper is sending by the Easychair Conference Management System **https://easychair.org/conferences/?conf=motor2021**, which is available now. Title of the presentation, key words, text of the abstract, and appropriate topics are included in the corresponding fields in the Easychair System. Papers should be prepared in the Springer LNCS Format according to the LaTeX templates ftp://ftp.springernature.com/cs-proceeding/llncs/llncs2e.zip, can have 12-15 pages. Please, follow the official Springer authors guidelines **https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines** All papers should be submitted through the Easychair Conference Management System too. Authors can send abstract without paper for oral presentation.

Invited Speakers (the list will be expanded)
Prof. Emilio Carrizosa (Institute of Mathematics of the University of Seville, Spain)
Prof. Claudia Sagastizábal (University of Campinas, Brazil)
Prof. Mikhail Solodov (Institute for Pure and Applied Mathematics, Brazil)

Should you have any questions or concerns, please feel free to contact us at **motor2021@icc.ru**

EWG EUROPT, EURO working group on Continuous Optimization

18th EUROPT Workshop on Advances in Continuous Optimization (EUROPT 2021)

Toulouse, France, 7-9 July, 2021

[Website]

The EUROPT Workshop on Advances in Continuous Optimization is the annual event of the EUROPT continuous optimization working group of EURO (The Association of European Operational Research Societies). This 18th edition will take place a few days before the EURO 2021 conference in Athens.

Call for Contributions
Authors are invited to submit contributions on all aspects of continuous optimization. The scope of the workshop includes (but may not be restricted to) the topics mentioned at **https://europt2021.recherche.enac.fr/**
The online abstract submission system is already open:
http://www.euro-online.org/conf/europt2021/
Accepted abstracts for the 2020 workshop that could not take place are still considered accepted for the 2021 workshop. The authors will be shortly contacted by the organizers.

Workshop format
We are looking forward to welcoming you in Toulouse, and hope to welcome you in person. Nonetheless, we are monitoring closely the situation related to the COVID19 and we consider the possibility of hybrid in-person/remote formats as well. The workshop is expected to take place in any case.

Important Dates
- Abstract Submission: **March 1st, 2021**
- Abstract Acceptance: March 15, 2021
- Registration deadline: April 15, 2021

EWGT, EURO working group on Transportation

24th edition of the EURO Working Group on Transportation Annual Meeting (EWGT2021)

Aveiro, Portugal, 8-10 September, 2021

[Website]

We are pleased to announce the 24th edition of the EURO Working Group on Transportation Annual Meeting (EWGT2021). The international conference will take place at the University of Aveiro, Portugal, from 8-10 of September, 2021. We would like to inform that abstract submission is now open. The authors will be invited to

submit a full paper (up to 8 pages) to be included in the Transportation Research Procedia. The Organizing Committee is also establishing agreements with some journals for special issues related to the works presented at the EWGT2021 Meeting.

Submission Of An Extended Abstract: Closes: **January 15th, 2021**
Notification Of Acceptance: February , 2021
Full Paper Submission: March 31st, 2021
Full Paper Acceptance: April 30th, 2021
Camera-Ready Full Paper Submission: May 31th , 2021
Registration Early Birds: Closes: July 1st, 2021

Slovenian Operational Research Society

The 16th International Symposium on Operations Research in Slovenia

Bled, Slovenia, 22-24 September, 2021

Website

The 16th International Symposium on Operations Research in Slovenia (SOR '21) will be held in Bled, Slovenia, in September 22–24, 2021.

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

Important Dates
Submission of contributed papers: **June 3, 2021**
Referee's reports: July 1, 2021
Submission of revised papers: August 25, 2021

Social Programme
Wednesday, September 22, 2021 late afternoon: Get-together afternoon with excursion and dinner
Thursday, September 23, 2021 evening: Get-together afternoon with short excursion.

15th International Conference on Advanced Systems in Public Transport (CASPT2021)

Tel Aviv, Israel, 3-7 October, 2021

Website

The 15th International Conference on Advanced Systems in Public Transport (CASPT2021) will be held in Tel Aviv (Israel) from 3rd to 7th of October 2021. It will be in conjunction with the 7th International Workshop and Symposium on Research and Applications on the Use of Passive Data from Public Transport (TRANSIT DATA).

The CASPT series is the premier gathering for world's leading public transport participants from the academia, industry and government, and for those who are interested in contributing to or gaining a deeper understanding in public transport service and operations planning for current and future systems.

The TRANSIT DATA series highlights the use of passive data sources from public transport: automated fare collection, vehicle location (GPS), passenger counting, and related systems. It brings together researchers and practitioners to discuss methods to analyze these data and to develop innovative applications to improve public transport services.

Both series bring together participants from academia, industry, and government to discuss methods and applications to improve public transport service planning and operations.

Deadline for full paper submission **5/01/21**
Deadline for extended abstract submission 15/02/21
Notification of the 1st round review of full papers, and acceptance for presentation 15/04/21
Notification of the review result, and acceptance for presentation 15/05/21
Submission of revised version for selected full papers 15/07/21

7th International Conference on Algorithmic Decision Theory - ADT 2021

Toulouse, France, 28-30 October, 2021 (dates to be confirmed)

Website

AIM AND SCOPE

The ADT 2021 conference focus is on algorithmic decision theory broadly defined, seeking to bring together researchers and practitioners coming from diverse areas of Computer Science, Economics and Operations Research in order to improve the theory and practice of modern decision support.

ADT 2021 provides a multi-disciplinary forum for sharing knowledge in this area with a special focus on algorithmic issues in Decision Theory, continuing the tradition of the first six editions of the International Conference on Algorithmic Decision Theory which brought together researchers and practitioners from diverse areas of computer science, economics, and operations research from around the globe.

IMPORTANT DATES

Title and abstract submission: **April 23, 2021** (AoE)
Full paper submission: April 30, 2021 (AoE)
Notification: July 12, 2021
Final version of accepted papers: August 2, 2021
Conference dates: October 28 - 30, 2021 (to be confirmed)

SUBMISSIONS

Submissions are invited on significant, original and previously unpublished research on all aspects of Algorithmic Decision Theory. Papers must be at most 15 pages long in the LNCS format (including references). The formal proceedings of ADT 2021 will be published by Springer Verlag in the Lecture Notes in Artificial Intelligence (LNAI) series (**http://www.springer.com/lncs**).

ADT 2021 will not accept any paper that, at the time of submission, is under review for, has already been published in, or has already been accepted for publication in, a journal or another venue with formally published proceedings.

All papers will be peer-reviewed by a double-blind procedure. Therefore, papers must be submitted anonymously as pdf documents via the EasyChair system:

https://easychair.org/conferences/?conf=adt2021

To accommodate the publishing traditions of different fields, ADT 2021 will accept two types of submissions:

Submissions with full text in the proceedings: Papers of this type will be accepted for either oral or poster presentation, or both. Each accepted paper of this type will be allocated at most 15 pages in the proceedings and there will be no distinction between papers accepted for oral or poster presentation in the conference proceedings.

Submissions with one-page abstract in the proceedings: Papers of this type will be accepted for either oral or poster presentation, or both. Each accepted paper of this type will appear as a one-page abstract in the proceedings, along with a URL pointing to the full paper. This option is available to accommodate subsequent publication in journals that would not consider results that have been published in preliminary form in conference proceedings.

Publications

Annals of Operations Research

Special Issue: Call for Papers onBig Data and Data Science in Sport

Guest Editors: **Pierpaolo D'Urso, Livia De Giovanni, Tim Swartz**

Deadline for submission:**February 1, 2021**

Data and Big Data in sports are being collected and analyzed, with the integration of physical and digital sources, increasing the knowledge of professional sports for all parties involved.

The statistical analysis of data in sports can enhance decision making capabilities related to performance of players or teams, health and safety of players, fan engagement, marketing strategies, revenues, economics of sport, sport practice and well-being. The sources of data include private or public institutions, Internet of Things, and social networks. Different statistical learning and operations research methods have been proposed, depending on the type of sport, the data, and the goals of the analysis. Data are collected during training and matches to gain insights into the factors making the athletes, players or teams succeed, including fairness of competition, player evaluation, scheduling, tactics, identification of key performance indicators, drafting, rules, and ranking. Data from fans influence marketing efforts and decisions about sporting events, variable price ticketing, and fan retention. Data improves the effort spent on forecasting the outcome of sporting events and the factors that are assumed to contribute to those outcomes. Data collected in sports can be used to manage the efficiency of gambling markets.

This special issue aims to collect qualified research papers that develop new statistical methods for analyzing sport data in either the performance or economics field.

Instructions for authors can be found at:
http://www.springer.com/business/operations+research/journal/10479

Authors should submit a cover letter and a manuscript by February 1, 2021, via the Journal's online submission site. 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, Big Data and Data Science in Sport, to ensure that it will be reviewed for this special issue.

Annals of Operations Research

Special Issue: Call for Papers on Robust Data Analysis and Its Applications

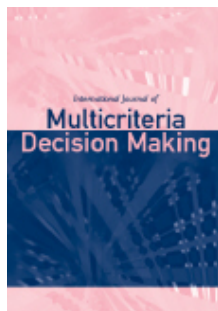Guest Editors: **Panos M. Pardalos, Hossein Moosaei, Milan Hladík, M. Tanveer**

Deadline for submission: **February 1, 2021**

This is to invite you to submit high-quality research papers for the special issue of *Annals of Operations Research* on "*Robust Data Analysis and Its Applications*" . The special issue aims to publish recent works in the fields of robust data analysis and its applications.

If you have any question regarding this special issue you can contact at
hmoosaei@gmail.com (Hossein Moosaei)

International Journal of Multicriteria Decision Making

Special Issue: Call for Papers on Multi-Objective Bilevel Programming

Guest Editors: **Maria João Alves, Carlos Henggeler Antunes**

Deadline for submission: **February 28, 2021**

Bilevel programs model hierarchical non-cooperative decision processes with two decision-makers - the leader and

the follower, who control different sets of variables and have their own objective functions with interdependent constraints.

This type of sequential decision-making arises in many aspects of resource planning, management and policy-making, including the definition of pricing policies. The multi-objective bilevel problem (MOBLP) may have multiple objective functions at one or both levels. A special case of MOBLP is the semi-vectorial bilevel problem (SVBP), in which there is a single objective function at the upper level and multiple objectives at the lower level. A set of lower-level efficient solutions exists for each leader's decision whenever multiple objective functions are considered at the lower level. In these circumstances, the leader's decision process should anticipate the follower's reaction within his efficient solution set, i.e. foreseeing the follower's trade-off between the lower level multiple objectives for any instantiation of the upper-level variables.

Bilevel programs are very difficult to solve and even the linear case is NP-hard. MOBLP and SVBP become even more complicated due to the difficulties in computing solutions and issues associated with the decision process concerning the interaction leader-follower. With no information about the efficient solution the follower will choose, the leader may adopt a more optimistic or a more pessimistic attitude in face of his expectation of the more or less favourable follower's choice.

The aim of this special issue is to address relevant issues arising in multi-objective bilevel programming, including novel theoretical, algorithmic and computational contributions as well as models and applications in real-world settings.

All papers must be submitted online. To submit a paper, please read the Submitting articles page (**https://www.inderscience.com/info/inauthors/author_submit.php**).

Central European Review of Economics and Management (CEREM)

Special Issue: Call for Papers on Big Data and its Applications in Management and Economics

Guest Editor: **Ali Emrouznejad**

Deadline for submission: **February 28, 2021**

Website

This special issue welcomes papers on Big Data from all fields of business application, such as (but not limited to) Agriculture, Banking, Education, Environment, Economy, Government, Health, Insurance, Information Technology, Marketing, Operations, Public Policy, Human Resources, Manufacturing, Retail, Regulation, Services and Tourism. This special issue aims to focus on original research papers of high quality providing practical applications to real-world management / business problems and to bridge the gap between industry and academia.

Contributions from both the academic and the practitioner communities are encouraged. Empirical research, as well as the development of new or modified Big Data applications to address challenging and emerging policy or management/ business problems, will be emphasized. Management-related studies, detailing the execution of Big Data applications in business / economic approaches for policy analysis, among others, are especially solicited.

Please refer to the Journal Information and Author Guidelines for additional information on manuscript preparation at **http://www.cerem-review.eu/publish-in-cerem/**

Important Dates
28 February 2021 - Submission of Abstract
15 June 2021 - Notification of acceptance or invitation for revision of paper
30 September 2021 - Deadline for submission of revision
30 November 2021 - Notification of acceptance

Pleases send your initial abstract to the guest editor:
Professor Ali Emrouznejad (**a.emrouznejad@aston.ac.uk**)
Head of Business Analytics Group at Aston Business School,
Aston University,
Birmingham B4 7ET ,
United Kingdom

Mathematics

Special Issue: Call for Papers onEvolutionary Algorithms in Engineering Design Optimization

Guest Editors: **David Greiner, Antonio Gaspar-Cunha, Daniel Hernández-Sosa, Edmondo Minisci, Ales Zamuda**

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

Website

Evolutionary algorithms (EAs) are population-based global optimizers, which, due to their characteristics, allowed to solve, in a straightforward way, many real world optimization problems in the last three decades, particularly, in engineering field.

Their main advantages comprise: not requiring any requisite to the objective / fitness evaluation function (e.g., continuity, derivability, convexity, etc.); they are not limited by the appearance of discrete and/or mixed variables, neither by the requirement of uncertainty quantification in the search. Moreover, they can deal with more than one objective function simultaneously through the use of evolutionary multi-objective optimization algorithms. This set of advantages, and the continuously increased computing capability of modern computers, has enhanced their application in research and industry.

From the application point of view, in this special issue proposal, all engineering fields are welcomed, such as, e.g., aerospace and aeronautical, biomedical, chemical and materials science, civil, electronic and telecommunications, energy and electrical, manufacturing, logistics and transportation, mechanical, naval architecture, reliability, robotics, structural, etc.

From the EAs point of view, the integration of innovative and improvement aspects in the algorithms (e.g., genetic algorithms, differential evolution, evolution strategies, etc.) for solving real world engineering design problems, in the abovementioned application fields, are welcomed and encouraged, such as: parallel EAs, surrogate modeling, hybridization with other optimization techniques, multi-objective and many-objective optimization, etc.

Annals of Operations Research

Special Issue: Call for Papers onRisk and Uncertainty Modelling in Financial and Economic Systems

Guest Editors: **Hechmi Ben Ameur, Ephraim Clark, Zied Ftiti, Jean-Luc Prigent**

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

PDF

In the last twenty years, several periods of turmoil (the internet bubble, financialization of commodities markets, the subprime crisis, sovereign debt, geopolitics crisis, etc.) have shaped the financial and economic system. Economic and financial spheres exhibit more uncertainty, many complexities, nonlinearity dynamics, chaotic characteristics, etc. The recent and exponential development of the advanced operations research methods promote new issues for understanding these behaviors. More specifically, the recent availability of big data in financial and economic spheres, such as the high frequency, real time, textual analysis, network, time- series, structured, and unstructured data offer huge challenges for analysing, understanding, and forecasting the complex dynamic of economic and financial phenomena.

The main objective of this special issue is to unlock the potential of operational research applications in the financial and economics field. Scholars and practitioners interested in providing and sharing the finest and latest advances in operational research tools in the financial and economic system field are therefore invited to submit their work.

This an open call for high-quality, original research papers directed to all researchers and analysts in this area. In particular, we encourage the participants of the Second Financial Economic Meeting: Post Crisis Challenge (January 28–29, 2021 in Paris) to submit substantially revised versions of their papers presented to the conference incorporating the comments from the conference.

Authors are invited to submit a cover letter and a manuscript. Submissions will begin 1 October 2020 and close 31 March 2021 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.

Authors should follow the Instructions for Authors of Annals of Operations Research at (https://**www.springer.com/journal/10479/submission-guidelines)** and submit their manuscripts using Springer's web-based system, **www.editorialmanager.com/anor.** 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, Risk and Uncertainty Modelling in Financial and Economic Systems, to ensure that it will be reviewed for this special issue.

Algorithms

Special Issue: Call for Papers on Algorithms and Models for Multiple Criteria Decision Making

Guest Editors: **Francisco Javier Santos-Arteaga, Debora Di Caprio**

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

Website

The current Special Issue aims at integrating MCDM methods, such as TOPSIS, VIKOR, PROMETHEE and ELECTRE, within the domain of dynamical systems. In particular, it aims at bridging the gap existing between standard MCDM methods generally implemented within static environments and the dynamic interactions taking place across variables in many real-life settings.

In addition to the inclusion of a temporal dimension across MCDM methods, any potential development in techniques such as dynamic DEA or novel extensions of multiobjective optimization problems involving dynamic interactions across variables are welcome as contributions to the current Special Issue.

Algorithms

Special Issue: Call for Papers on Optimal Transport: Algorithms and Applications

Guest Editor: **Nicolas Bonneel**

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

Website

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

* Fast optimal transport algorithms (for transport plans, distances, barycenters etc.)

* Approximations of optimal transport, including regularizations, embeddings, or complete reformulations of the problem

* Interactions between machine learning and optimal transport

* Unexpected or fruitful applications of optimal transport

Algorithms

Special Issue: Call for Papers on Algorithms in Computational Biology

Guest Editors: **Hélène Touzet, Aïda Ouangraoua**

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

The aim of this Special Issue is to present state-of-the-art algorithmic innovations that allow facing the computational bottlenecks of -omics data analysis. This includes a variety of methods, such as discrete algorithms on sequences, trees and graphs, data structures and compressed data structures, parallel computing, combinatorial and sampling approaches, heuristics and parameterized algorithms, data mining, and machine learning techniques.

International Journal of Environmental Research and Public Health

Special Issue: Call for Papers on Digital Healthcare Innovation

Guest Editor: **Chang Won Lee**

Deadline for submission: **April 1, 2021**

Digital healthcare is a major driver of innovation, growth, and competitiveness in a healthcare ecosystem. Digital healthcare and its relevant industries are a key source of business dynamics and improvements in the healthcare system. However, recent healthcare performance is far behind in developed and developing countries. The implementation of meaningful advances through digital healthcare innovation will require a number of initiatives, such as promoting a new quality paradigm, synthesizing knowledge domains on ways of preventing social vulnerability, and providing ways to facilitate access to resources by people who need the appropriate healthcare goods and services. The main objective of this Special Issue is to advance the fields of digital healthcare and innovation management. Thus, papers submitted for the Special Issue should empirically or quantitatively address the valuable implications of digital healthcare systems.

Prizes and Awards

ROADEF/EURO Challenge 2020

Grid operation-based outage maintenance planning

Thanks to the success of the previous challenges, the French Operational Research (OR) and Decision Support Society (**ROADEF**) organizes exceptionally jointly with the Association of European Operational Research Societies (**EURO**) the ROADEF/EURO challenge 2020 dedicated to maintenance planning optimization problem in collaboration with **RTE**.

This challenge is open to everyone, and particularly to young researchers, excluding people professionally involved with the industrial partners.

The goal of this challenge has multiple aspects.

Firstly, it allows some of our industrial partners to follow recent developments in the fields of Operations Research and Decision Analysis.

Secondly, through the **junior** category young researchers have the opportunity to face up to a complex industrial optimization problem. The challenge will give them an opportunity to explore the requirements and difficulties encountered in industrial applications. We hope that this challenge will help to establish a permanent partnership between manufacturers and young scientists on industrial-sized projects which require both high scientific

qualification and the real-life practices in companies making use of decision analysis.

Thirdly, through the **senior** category, this challenge allows qualified researchers to demonstrate their knowledge and share their know-how and expertise on the practical problems. This also gives them the opportunity to establish partnerships with industrial companies.

Lastly, a **scientific** prize dedicated to qualitative submissions is proposed.

December, 31 2020 Deadline for registration.
January 5, 2021 End of qualification phase. Deadline for submitting a first version of computer program, computational results table and a short (2 pages) description of the method, including the characteristics of the computer used.
February 5, 2021 Announcement of the qualification results. Set of B instances available. Beginning of the final phase.
March 16, 2021 End of semi-phase**.** Set of C instances available.
April 15, 2021: Announcement of semi-phase results. Beginning of the final phase.
June 15, 2021 Deadline for submitting final program.
July 11-14, 2021 EURO 2021 : Announcement of the final results with ranking on C and X instances.
November 01, 2021 Deadline for paper submission for scientific prize.
February 2022 ROADEF 2022 : Scientific Prize Awards. Presentation of the finalists' works and prize award.

EWG MCDA, EURO working group on Multiple Criteria Decision Aiding

Bernard Roy Award

[Website]

Background
The Bernard Roy Award of EWG MCDA, **http://www.cs.put.poznan.pl/ewgmcda/**, is a recognition conferred to a researcher under 40 years old for an outstanding contribution to the methodology and/or applications of Multiple Criteria Decision Aiding (MCDA). The award will be officially bestowed at the opening session of the EWG-MCDA 92, in September 2021, Cracow, Poland, if there is a suitable candidate. In this case, following a presentation of the competition by the Jury chair, the laureate will be invited to give a talk.

Eligibility
The Bernard Roy Award of EWG MCDA shall be awarded for a body of work in MCDA, preferably published over the last decade. Although recent work will not be excluded, care shall be taken to allow the contribution to stand the test of time. The potential award recipient should have a recognized stature in the MCDA community. Significance, innovation, depth, and scientific excellence shall be emphasized.

Award
The laureate will receive a financial award of 1000 EUR and a diploma.

Nominations
Candidates must be nominated by three members of the EURO WG on MCDA. Becoming a member is free here: **http://www.cs.put.poznan.pl/ewgmcda/index.php/members**. An application for the Bernard Roy Award of EWG MCDA should be composed of:
1- a nomination letter signed by the three members of the EURO WG on MCDA;
2- a recent and detailed CV;
3- up to 5 best publications,
4- a self-description of the candidate's achievements, up to 3 pages long in a standard manuscript format.

Selection process
☐ Only one award may be assigned on each occasion.
☐ A person may receive the award at most once in her/his lifetime.
☐ The jury evaluates the nominees essentially on the basis of their scientific activities (papers in top journals, editorials, relevance of methodological proposals and/or applications...).

Jury
The jury for the 2021 edition is composed of Professors Irène Abi-Zeid (chair), Maria Franca Norese, Yannis Siskos, Roman Słowiński, and Daniel Vanderpooten.

Timeline
☐ Deadline for nominations: June, 30th 2021.
☐ The Jury chair informs the EWG coordinators who invite the laureate to the meeting: July, 31st 2021.
☐ Preparation of the diploma by the EWG coordinators. Presentation of the laureate and her/his talk during the EURO WG on MCDA Autumn meeting in September 2021. An electronic copy of the laureate's presentation handed over to the EWG coordinators will be made available on the EWG on MCDA Web Site.

Applications should be sent to Prof. Irène Abi-Zeid at irene.abi-zeid@osd.ulaval.ca

MINOA Research Challenge

From now to **31/05/21**, everyone (high-school students, university students, researchers and other professionals) has to chance to participate in our challenge about solving a (non-periodic) Integrated Time Table and Vehicle Scheduling Problem. This is a challenging combinatorial problem, possibly with nonlinear aspects, that needs be solved for the optimal planning and operations of "green" Public Transportation Systems. The problem and the realistic data for the challenge have been developed thanks to the expertise of M.A.I.O.R.

https://www.maior.it

Three different versions of the problem, with different levels of difficulty, are available to suit all expertise levels. As a prize, the winning teams (one team of each category) will be invited with (reasonable) expenses paid to present their solution at the next Long Night of Sciences at FAU Erlangen Nuremberg.

Thanks for disseminating this information to all potentially interested parties.

ITC 2021: International Timetabling Competition on Sports Timetabling:

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 30th, 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**.

Upcoming Conferences

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

Date	Event	Location	Deadline
3rd-5th February 2021	Dynamic Control and Optimization International Conference 2021 (DCO 2021)	ONLINE/Aveiro, Portugal	25th December 2020
8th-12th February 2021	AIRO School & 5th AIRO Young Workshop 2021	ONLINE/Naples, Italy	22nd January 2021
11th February 2021	Analytics, OR and AI Summit 2021	ONLINE	24th December 2020
15th-19th March 2021	ICVNS - 8th International Conference on Variable Neighborhood Search	Abu Dhabi, UAE	15th July 2020
22nd-24th March 2021	SIM21 - 20th Simulation Workshop	Loughborough, UK	16th October 2020
5th-8th April 2021	META 2021: International Conference on Metaheuristics and Nature Inspired Computing	Marrakech, Morocco	16th October 2020
7th-9th April 2021	EvoCOP 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	25th December 2020
15th-17th April 2021	64th EWGCFM Meeting	New York, USA	
20th-23rd April 2021	3rd IMA and OR Society Conference on Mathematics of Operational Research Innovating Mathematics for New Industrial Challenges	ONLINE	31st December 2020
21st-23rd April 2021	PMS 2020 17th International Workshop on Project Management and Scheduling	Toulouse, France	
3rd May 2021	Applications of Optimization 2021 (AOO 2021)	Copenhagen, Denmark	
17th-21st May 2021	LAGOS 2021, The XI Latin and American Algorithms, Graphs and Optimization Symposium	ONLINE	25th November 2020
19th-21st May 2021	Conference on Integer Programming and Combinatorial Optimization - IPCO XXII	Atlanta, Georgia, USA	11th November 2020
26th-28th May 2021	7th International Conference on Decision Support System Technology (ICDSST 2021)	ONLINE	15th December 2020
1st-8th June 2021	EURO PhD School Reinforcement Learning Applied to Operations Research	Marienheide, Germany	
7th-11th June 2020	Application of Metaheuristics on Large Scale Problems @ LSSC 21	Sozopol, Bulgaria	15th January 2021
8th-11th June 2020	SEIO 2021 - 39th Spanish Conference on Statistics and OR	Granada, Spain	25th January 2021
9th-11th June 2021	ECCO XXXIV 2021 - The 34th annual conference of the EURO Working Group European Chapter on Combinatorial Optimization	Madrid, Spain	1st February 2021
21st-23rd June 2021	OLA 2021 - International Conference on Optimization and Learning, Challenges and Applications	Catania, Italy	18th December 2020
23rd-25th June 2021	EWG OR in Sports, 8th MathSport International conference	Reading, UK	
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 Optimisation	Seville, Spain	
29th June-2nd July 2021	7th Online & Onsite International Conference on Machine Learning, Optimization, and Data Science - LOD 2021	Lake District, UK	25th January 2021
30th June-1st July 2021	F4SG 2021 - 2nd International workshop on Forecasting for Social Good	Bordeaux, France	20th March 2021
30th June-2nd July 2021	2nd International Conference on Applied Mathematics in Engineering (ICAME20)	Balikesir, Turkey	15th March 2021
4th-10th July 2021	ISOLDE XV & EWGLA XXVI	Kaiserslautern & Baden-Baden, Ger	5th February 2021
5th-7th July 2021	IWOCA 2021 - 32nd International Workshop on Combinatorial Algorithms	Ottawa, Canada	8th March 2021
5th-8th July 2021	CPAIOR 2021: 18th International Conference on the Integration of Constraint Programming, Artificial Intelligence, and Operations Research	Vienna, Austria	21st January 2021
5th-10th July 2021	International Conference on the Mathematical Optimization Theory and Operations Research (MOTOR 2021)	Irkutsk-Baikal, Russia	16th February 2021
7th-9th July 2021	The 18th EUROPT Workshop on Advances in Continuous Optimisation - EUROPT2021	Toulouse, France	1st March 2021
7th-9th July 2021	Joint ECSO-CMS 2021 European Conference on Stochastic Optimization Computational Management	Venice, Italy	31st March 2021
10th-14th July 2021	2021 Genetic and Evolutionary Computation Conference (GECCO 2021)	Lille, France	28th January 2021
11th-14th July 2021	**EURO 2021**	**Athens, Greece**	**28th February 2021**
18th-22nd July 2021	EURO PhD School on Sustainable Supply Chains	Lisbon, Portugal	
19th-30th July 2021	EURO PhD School on MCDA/MCDM	Bilkent, Turkey	
22nd-24th July 2021	3rd Conference on Sustainable Supply Chains (SustSC 2021)	Lisbon, Portugal	30th April 2021
2nd-4th August 2021	Modeling and Optimization: Theory and Applications (MOPTA 2020)	Pennsylvania, USA	28th June 2020
15th-27th August 2021	EURO PhD School on Operations Research in Computational Biology, Bioinformatics and Medicine	Istanbul, Turkey	
21st-23rd August 2021	COSEAL workshop	Bruges, Belgium	
22nd-27th August 2021	IFORS	Seoul, South Korea	
24th-27th August 2021	PATAT 2021	Bruges, Belgium	
30th August-1st September 2021	IWLS - International Workshop on Lot Sizing	Oslo, Norway	15th May 2021
30th August-1st September 2021	CLAIO 2021	Madrid, Spain	3rd May 2021
30th August-2nd September 2021	Railways 2020: The 5th International Conference on Railway Technology: Research, Development and Maintenance	Mallorca, Spain	19th February 2021
30th August-3rd September 2021	29th edition of the IFIP TC7 Conference: System Modelling and Optimization	Quito, Ecuador	27th March 2021
31st August-3rd September 2021	OR21 joint conference SVOR/ASRO/ÖGOR, and GOR	Bern, Switzerland	12th April 2021
8th-10th September 2021	24th edition of the EURO Working Group on Transportation Annual Meeting (EWGT2021)	Aveiro, Portugal	15th January 2021