

EURO Newsletter # 90
May 25, 2021

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 15 **tutorials** published in the series of EURO Advanced Tutorials. Please take a look at our titles:

***Facility Layout**

***Matheuristics**

***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**

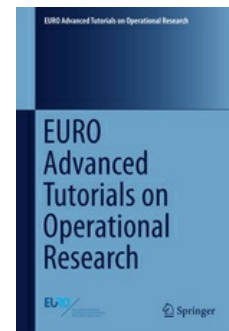
***Metaheuristics for Business Analytics**

***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

Sad News
2021 EURO Gold Medalist

We are deeply saddened to announce the passing of

Emeritus Professor Ailsa Land
1927 - 2021



Professor Ailsa Land, a pioneer of Operational Research, had been nominated for the EGM and, in fact, has been confirmed as the laureate for 2021.

We will arrange for the award to be presented posthumously at the Opening Session of the hybrid EURO Conference in July 2021.

Our thoughts are with the family at this sad time.



EURO 2021
Athens, Greece, 11-14
July, 2021



[Website](#)

Plans are progressing well to provide an exciting hybrid conference in July.

Over 2000 papers have been accepted, of which almost 400 authors are expected to attend in person.

Finalists of the **EURO Excellence in Practice Award** and **EURO Doctoral Dissertation Awards** will present at special online sessions such that the winners will be announced at the closing session. In addition we will have to special sessions dedicated to the former EURO President **Jaap Spronk**, who sadly passed away on 8th February 2021. We also have inspiring **Making an Impact** sessions and the **WISDOM Forum** is delighted to participate in EURO2021.

A number of **special issues** related to the conference are available for your consideration and submissions.

Before coming to Greece, please read the **COVID-19 Advice for travelers** by the National Hellenic Public Health Organization, as well as the current **Protocol for Arrivals in and Departures from Greece** by the Hellenic Republic General Secretariat for Civil Protection.

However you choose to participate we are grateful for your support and contribution and we look forward to welcoming you to our very exciting conference in Athens!

Rudolf Vetschera, Nikolaos Matsatsinis, John Psarras

ERC opportunities for OR



[Website](#)

Starting from the 2021 calls the

PE1_20 descriptor is renamed into "**Control, Optimisation and Operational Research.**"

Please note that the deadline for Advanced grants is **31st August 2021.**

Find below a subset of interesting links on the issue.

2021 ERC descriptors

Indicative summary of main calls from the 2021 budget¹

	Starting Grant	Consolidator Grant	Advanced Grant
Call identifier	ERC-2021-StG	ERC-2021-CoG	ERC-2021-AdG
Call Opens	25/02/2021	11/03/2021	20/05/2021
Call closes	24/03/2021	20/04/2021	31/08/2021

https://erc.europa.eu/sites/default/files/document/file/ERC_Panel_structure_2021_2022.pdf

Information on ERC calls

*<https://erc.europa.eu/funding/starting-grants>

*<https://erc.europa.eu/funding/consolidator-grants>

*<https://erc.europa.eu/funding/advanced-grants>

*<https://erc.europa.eu/funding/synergy-grants>

2021-2022 Calls Calendar

WP	Starting Grant		Consolidator Grant		Advanced Grant		Synergy Grant
	2021	2022	2021	2022	2021	2022	2022
Open	25/02/2021	23/09/2021	11/03/2021	19/10/2021	20/05/2021	20/01/2022	15/07/2021
Closure	08/04/2021	13/01/2022	20/04/2021	17/03/2022	31/08/2021	28/04/2022	10/11/2021
Budget	619 M	757 M	633 M	784 M	626 M	561 M	300 M

WP	Proof of Concept	
	2021	2022
Open	15/07/2021	16/11/2021
Cut-off dates or closure		15/02/2022
	14/10/2021	19/05/2022
		29/09/2022
Budget	EUR 25 M	EUR 25 M

EURO Equality, Diversity and Inclusion Policy statement



We are pleased to announce that there is an EDI Strategy for the Association now available on the EURO website: <https://www.euro-online.org/web/pages/1688/edi-policy>

The Society is committed to creating an inclusive culture that supports equality and diversity and fully reflects both its membership and the global Operational Research community. The Society seeks to actively encourage all practices that reflect a diverse society.

Conferences, Schools and Meetings

EWG ORAHS, EURO working group on Health Services

47th International Annual Conference of the of the EURO Working Group on Operational Research Applied to Health Services



ONLINE, 5-9 July, 2021

Website

This year, the conference offers the opportunity to share research ideas in discussion session (i.e. short talks followed by plenty of room for discussion) to pitch ideas, or in regular talks (15 mins plus 5 mins for questions, limited in number) with typically time for one or two questions from the audience in the end.

In order to promote interactive discussion in the online format, we plan to replace some of the usual parallel sessions with discussion-based sessions. These would begin with 2-minute elevator talks by all of the speakers in the sessions. Each speaker would then have 30 minutes in a breakout room to expand on their talk or engage in interactive discussion. Participants would be able to choose which breakout room to attend and have the ability to switch between breakout rooms.

For PhD students: the poster session - including the Steve Gallivan Award for PhD students - would be replaced by a dedicated discussion session.

Plenaries are scheduled with keynotes from renowned speakers. Abstracts will be shared on the conference website.

Despite the conference being fully virtual, we encourage participants to engage in the social program. Details will follow in due course, please check the website regularly.

Important Dates

- **10th Jun 2021** Abstract submission deadline
- 15th Jun 2021 Notification of acceptance
- 20th Jun 2021 Deadline for early registration
- 20th Jun 2021 Deadline for author registration
- 30th Jun 2021 Deadline for registration

Online PhD Course: Choice-Based Optimization

ONLINE, 19-22 July, 2021

Website

Summary and study goals

Demand is an important quantity in many optimization problems such as revenue management and supply chain management. Demand usually depends on “supply” (price and availability of products, f. e.), which in turn is decided on in the optimization model. Hence, demand is endogenous to the optimization problem. Choice-based optimization (CBO) merges discrete choice models with math programs. Discrete choice models (DCM) have been applied by both practitioners and researchers for more than four decades in various fields. DCM describe the choice probabilities of individuals selecting an alternative from a set of available alternatives. CBO determines (i) the availability of the alternatives and/or (ii) the attributes of the alternatives, i.e., the decision variables determine the availability of alternatives and/or the shape of the attributes. We present CBO applications to location planning, supply chain management, assortment and revenue management.

Course Content

Students will learn how to develop and use predictive models (discrete choice models) in the software R and how to introduce such models in mathematical models for decision-making (i.e., mixed integer programs) to consider demand as an auxiliary variable. The models will be implemented in a modeling environment (GAMS). Case studies will be used for practicing purposes.

Syllabus: https://vhbonline.org/fileadmin/user_upload/2107MS09_Syllabus.pdf

The course will be held online only. The lecturers will give presentations about the theoretical contents. Active participation is compulsory.

Univ.-Prof. Dr. habil. Knut Haase
Universität Hamburg
www.bwl.uni-hamburg.de/vw/personen/prof-knut-haase
Univ.-Prof. Dr. habil. Sven Müller
Otto-von-Guericke-Universität Magdeburg
<https://www.om.ovgu.de/>

Registration:

Click for **information on fees, payment and registration**,
or email us: prodok@vhbonline.org.

Registration Deadline: **20 June 2021**

"Modeling and Optimization: Theory and Applications" (MOPTA 2021) conference

ONLINE/Pennsylvania, USA, 2-4 August, 2021

Website

Modeling and Optimization: Theory and Applications (MOPTA) aims at bringing together a diverse group of people from both discrete and continuous optimization, working on both theoretical and applied aspects. There will be a small number of invited talks from distinguished speakers and contributed talks, spread over three days. Our target is to present a diverse set of exciting new developments from different optimization areas while at the same time providing a setting which will allow increased interaction among the participants. We aim to bring together researchers from both the theoretical and applied communities who do not usually have the chance to interact in the framework of a medium-scale event.

MOPTA 2021 Update:

We are excited to announce that with the current University, Commonwealth, and National guidelines in place the MOPTA Conference will offer an in-person component this year with an option for remote attendance. This format accommodates the wishes of participants and speakers who would like to attend remotely, while still offering the in-person experience for those who would like to attend in-person. So, MOPTA 2021 will be offered in an innovative dual VIRT/IPVS mode.

Our confirmed plenary speakers are:

- Hamsa Balakrishnan
- Amy M. Cohn
- Simge Küçükyavuz
- Jeffrey T. Linderoth
- Michael Mahoney
- Catherine McGeoch
- Anna Nagurney
- Yurii Nesterov

Abstract Deadline **June 28, 2021**.

EWG PRM, EURO working group on Pricing and Revenue Management

4th Workshop of the EURO Working Group on Pricing and Revenue Management

ONLINE, 25-27 August, 2021



Website

We are excited to invite you to 4th Workshop of the EURO Working Group on Pricing and Revenue Management that will take place online on 25th – 27th August 2021.

The programme will cover operations research methods, econometric models and machine learning techniques and tools applied to pricing and revenue management.

We are happy to announce the following excellent plenary speakers:

Dirk Bergemann (hyperlink: <https://campuspress.yale.edu/dirkbergemann/>),
Huseyin Topaloglu (hyperlink: <https://people.orie.cornell.edu/huseyin/>) and
Martine Labbe (hyperlink: <https://gom.ulb.ac.be/team/members/mlabbe/>).

The deadline for registration is **20th August**.

EWG EUROPT, EURO working group on Continuous Optimization

EUROPT Summer School

ONLINE, 30 August - 1 September, 2021



Website

The school will take place from 30 August to 1 September with a fully online format. There will be two courses focusing on

The need, the challenge and the success of

1. Robust Optimization
2. Nonsmooth Optimization

The lectures on robust optimization will be delivered by **Aharon Ben-Tal**, on nonsmooth optimization by **Manlio Gaudioso**. Each of the three days will include a 2 hour lecture for each course.

Attendance is free of charge but registration is mandatory. Lectures will be particularly suited for PhD students and young researchers to provide them with the chance of attending two high level courses on continuous optimization, but the school is open to everyone wishing to participate. If participation should be limited for virtual room capacity, priority will be given to students.

Register before **23 July 2021**

EURO working group on Lot Sizing

International Workshop on Lot Sizing

Oslo, Norway, 30 August - 1 September, 2021



Website

The 11th edition of the International Workshop on Lot Sizing will be held in Oslo, Norway. The venue of the workshop is BI Norwegian Business School.

As in the previous years (2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019), the goal of the workshop is to cover recent advances in lot sizing: new approaches for classical problems, new relevant problems, integration of lot sizing with other problems such as scheduling, distribution or vehicle routing, presentation of case studies, etc. The workshop will also aim at favouring exchanges between researchers and enhancing fruitful collaboration.

Short abstract submission deadline: May 15

Acceptance notice: May 29

Extended abstract submission deadline: **June 30**

Earlybird registration: June 30

Late registration: July 31

2nd International Conference on Applied Mathematics in Engineering (ICAME'21)

ONLINE, 1-3 September, 2021

Website

The aim of this conference is to bring together leading researchers and academics in the field of applied mathematics and engineers in order to debate current and interdisciplinary topics in control, fractional calculus, optimization and their applications in engineering science.

SUBMISSION

ICAME'21 welcomes all original submissions electronically via **EasyChair** system. All authors need to submit their abstracts in English (min 250 words, no more than one page including references) within the deadline making sure

that all author details are complete. The presenting and the presenting authors must be clearly identified when doing so. All abstracts must be prepared according to the template available at [this link \(click here\)](#).

IMPORTANT DATES

- Abstract Submission Deadline: **May 28, 2021**
- Notification of Acceptance: June 11, 2021
- Early Bird Registration Deadline: June 18, 2021
- Late Registration Deadline: August 6, 2021
- Conference: 1-3 September, 2021

UK Operational Research Society

Annual Conference - OR63

ONLINE, 14-16 September, 2021



[Website](#)

Join us for this year's annual conference held in conjunction with The University of Southampton! Our biggest event of the year OR63 will explore how operational research can help society and organisations move towards a post-COVID-19 world. Whether facilitating improved sustainable solutions, transforming the opportunity that digitalisation brings to society or developing data-driven support tools, operational research has a tremendous impact on the world in 2021. We would like you to share your experience and impact.

At our annual conference, we want you to address your achievements and:

1. Explore a wide range of OR topics related to "creating a better future"
2. Connect OR professionals from across the world for presentations, posters, keynote talks and much more
3. Facilitate a week of knowledge sharing, debate and discussion
4. Provide delegates with a unique chance to network online with the wider OR community.

We're now looking for OR professionals, data scientists, professors, researchers, analysts, engineers, etc., to present sessions and posters at this event. Submit your presentation or poster summary by the **11th of June** to join our expert OR63 speakers!

Italian Operations Research Society

International Conference on Optimization and Decision Sciences 2021 (ODS2021)

Rome, Italy, 14-17 September, 2021



[Website](#)

We are very glad to announce the first Call for Papers of the International Conference on Optimization and Decision Sciences 2021 (ODS2021), organized by AIRO, the Italian Operations Research Society and the Department of Statistical Sciences, Sapienza - University of Rome.

The ODS2021 Conference will be held at the Sapienza University Campus, in Rome, Italy, on September 14-17, 2021. However, there is a possibility of moving to either a hybrid or fully online mode depending on the pandemic situation.

The conference theme is open in the wide field of analytics, optimization, problem-solving and decision-making methods and their application in Production, Service, Knowledge, and IT Systems. However, a special focus is on Optimization in Artificial Intelligence and Data Science.

All researchers, academics, practitioners and students working on the conference themes are invited to participate to ODS2021 submitting a short paper or an abstract and organizing sessions. There is the opportunity to be a sponsor or exhibitor of the conference.

IMPORTANT DATES

- Deadline for Abstracts and Papers Submission: **May 25, 2021**
- Deadline for Early Registration: June 26, 2021
- Contribution Abstract Acceptance Notifications: June 4, 2021

XLVIII Symposium on Operational Research - SYM-OP-IS 2021

Banja Koviljaca, Serbia, 20-23 September, 2021

[Website](#)

SYM-OP-IS is an International Symposium that has been organized since 1974. It presents an annual gathering of OR researchers, both theoreticians and practitioners, in order to exchange scientific and technical information, convey experiences and present new results achieved in the development and application of OR methods.

The Symposium Programme comprises of plenary lectures and numerous sections that accommodate the exchange of ideas among academia and industry, both from Serbia and abroad. The main aim of the Symposium is the development and applications of new Operational Research methods, models and techniques. Various sections ensure a valuable mixture of theoretical and practical aspects of Operational Research. A special section on the VNS method and its applications is dedicated to Prof. Nenad Mladenovic celebrating his 70th birthday and 45 years of research work.

The following invited speakers have confirmed their participation at SYM-OP-IS 2021:

- + **Natasha Shakhlevich**, University of Leeds, UK.
- + **Nikolaos Matsatsinis**, Technical University of Crete, Greece
- + **Nenad Mladenovic**, Khalifa University, Abu Dhabi, UAE.

IMPORTANT DATES

- + Paper submission deadline is **May 31, 2021**.
- + Acceptance notification to authors is June 15, 2021.
- + The deadline for registration is August 20, 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.

ICCL2021: International Conference on Computational Logistics

ONLINE/Enschede, The Netherlands, 26-29 September, 2021

The 12th International Conference on Computational Logistics will be held September 26-29, 2021 at the University of Twente in Enschede, The Netherlands, either fully virtually or in hybrid form. In the tradition of the previous conferences, the conference will focus on the theory and applications of operations research, artificial intelligence, and management science to problems in logistics. The theme of this edition is Artificial Intelligence for Logistics Management.

Important Dates:

- **May 28, 2021:** Submission deadline full papers (conference proceedings)
- June 18, 2021: Submission deadline abstracts for presentation only
- July 2, 2021: Notifications of acceptance (for both full papers and abstracts)
- July 16, 2021: Submission deadline revised papers
- July 23, 2021: Deadline for submission camera-ready paper
- August 6, 2021: Registration deadline for presenters (to be included in conference proceedings and book of abstracts)
- September 10, 2021: End of registration for participants

19th International Logistics and Supply Chain Congress (LMSCM2021)

Gaziantep, Turkey, 21-22 October, 2021

[Website](#)

19th International Logistics and Supply Chain Congress (LMSCM2021) will be held at Gaziantep University with the collaboration of the Logistics Association (LODER), Hasan Kalyoncu University, and Poznan University of Economics and Business on October 21-22, 2021. The congress provides an excellent opportunity for both researchers and practitioners to discuss recent and future trends in logistics and supply chain management.

LMSCM2021 encourages multidisciplinary networks and platforms for academics and professionals to identify the challenges and discuss solutions for logistics and supply chain management and welcomes scientific and practical contributions from different disciplines and fields. Authors are invited to submit original and unpublished research that has not been submitted for publication elsewhere. The submitted papers will undergo a double-blinded review process.

The main theme of the congress is “**Humanitarian Logistics and Supply Chain Management**”.

Key Dates and Deadlines

- Deadline for abstract submission: **May 31, 2021**
- Notification of acceptance for abstracts: June 30, 2021
- Early registration date: July 16, 2021
- Deadline for full manuscripts submission (optional): August 31, 2021
- Notification of acceptance for full manuscripts: September 19, 2021
- Late registration date: October 1, 2021
- Deadline for revised paper submission: October 10, 2021

Decision Sciences Institute 52nd Annual Conference

ONLINE, 17-20 November, 2021

[Website](#)**Decision Making in Challenging Times – Equity, Inclusion, and Sustainability**

The recent pandemic has helped to further highlight the challenges we face in addressing inequities across income, health, and resource availabilities. Climate change is introducing new natural calamities, with corporations and communities alike exploring new ways to become more sustainable. Beyond challenges felt in business communities, educational institutions are also increasingly seeing headwinds of changing business models. The COVID19 pandemic has brought about substantial change in how education is delivered to students (e.g., online education), and challenges such as how to offer a more inclusive learning environment. The 2021 conference “Decision Making in Challenging Times – Equity, Inclusion and Sustainability” explores, debates, and examines these important challenges of our times. The conference will focus on developing a better understanding of these challenges and providing a platform to learn how to collectively respond through our teaching and research. The online conference will also feature the first Clinical Faculty Consortium focused on professional development needs of the member base. In addition, we are continuing prior conference innovations that include the Doctoral Student

Showcase and the New Faculty Development Showcase. Finally, we aim to substantially expand the social media footprint for the Decision Sciences Conference and are excited to have an opportunity to reach the various DSI constituents through social media outlets such as Twitter, Facebook, YouTube and Instagram. We hope you will take this opportunity to follow us on all these channels. We cordially invite you to join this conversation by submitting your research papers, pedagogy, and workshop ideas. The overall conference will feature three broad themes: Research tracks - Theme-based sessions showcasing cutting-edge business research on unique decision-making issues. Educational tracks – Research into business student learning and curriculum Professional development sessions –Workshops and panels by leading scholars who will provide refreshing and energizing new perspectives. In addition, we will also host a doctoral consortium, and a clinical faculty consortium – both free of charge to DSI members, as pre-conference events. As a participant in DSI 2021, you will enjoy numerous opportunities to meet new people, consider new research/teaching approaches, and opportunities to scout out the job market and the talent pool.

- Full Paper Deadline: **June 1st, 2021**
- Abstract Deadline: **June 15th, 2021**
- Panel Proposal Deadline: June 15th, 2021
- Workshop Proposal Deadline: June 15th, 2021
- Award Competition Deadline: June 15th, 2021

Publications



Annals of Operations Research

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

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

Deadline for submission: **June 30, 2021**

PDF

The rapid advancement in data science causes applying methodologies for data analysis to many important fields like healthcare systems, financial predictions, and so on. The real data problem deals with several challenges including data uncertainty, large size databases, and high dimensional samples. Robust techniques can handle uncertain data more efficiently and come with reliable models. Advances in robust optimization and data analysis can be used to develop sophisticated and novel applications in real problems. In order to strengthen scientific contributions for data analysis, this special issue intends to bring together researchers and developers from academic as well as practical fields and industries worldwide working on the development of robust data analysis.

Instructions for authors can be found at:

<http://www.springer.com/business/operations+research/journal/10479>



Annals of Operations Research

Special Issue: Call for Papers on Complexity, Nonlinearity and High Frequency Financial Data Modeling: Lessons from Computational Approaches

Guest Editors: **Fredj Jawadi, Hans Amman, William Barnett, Marco Tucci**

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

PDF

The present COVID-19 crisis has raised new challenges to scholars for dealing with financial market dynamics. Besides the natural complexity of financial markets, the crisis has increased uncertainty, investors' anxiety and has induced important losses in key financial markets. To better understand this "economic pandemic," it would be interesting to investigate the dynamics of financial markets using recent developments of parametric and non-

The availability of high frequency data and the development of recent econometric models, computational and operational research tools, are of real interest in assessing the dynamics of these markets. Moreover, this can also help to identify the main characteristics of the financial market data, resolve the issues raised by high frequency data, improve the understanding of price formation, and assess the risk dynamics. The aim of this special issue is to discuss innovative econometric modeling approaches that can serve as a valuable framework to deal with these topics. Contributions with applications of nonlinear models are highly encouraged in this context. Accordingly, this special issue will be of particular interest for discussing innovative and thought-provoking ideas on nonlinear high frequency data modeling in all its complexity.

Instructions for authors can be found at:

<http://www.springer.com/business/operations+research/journal/10479>



Foundations of Computing and Decision Sciences

Special Issue: Call for Papers on Computational Performance Analysis based on Novel Intelligent Methods: Exploration and Future Directions in Production and Logistics

Guest Editors: **Gerhard-Wilhelm Weber, Alireza Goli, Erfan Babaei Tirkolaee**

Deadline for submission: **July 30, 2021**

Website

In today's highly competitive and evolving situation, organizations must spend significant time, energy, and financial resources to evaluate their performance in achieving strategic goals. One of the topics that can play a significant role in the success of an organization is the proper understanding of performance and then efficient planning for the future of that organization. Performance evaluation and management, as well as clarifying the current situation of an organization, can also map the strategic plan of the organization.

In designing a computational Performance Analysis (CPA) system, it should be always noted that the system runs well when it is balanced and covers different dimensions of the organization's processes. For this reason, the use of intelligent decision-making methods can considerably assist in designing a CPA system. Novel intelligent methods provide convenient and accurate solutions for superintendents by taking into account different aspects of a real-world system and analyzing a large amount of information. Therefore, it is necessary to help administrators in various disciplines by comparing, evaluating, and analyzing a variety of intelligent decision-making methods.

This Special Issue (SI) aims to bring together current progresses on the CPA, organization management, and novel models and solution techniques that can contribute to a better understanding of the CPA systems and delineate useful practical strategies. Methodologically interesting and well-documented case studies are highly recommended.

Submissions should follow the journal's style and guidelines presented here:

<http://fcds.cs.put.poznan.pl/FCDS/Submissions.aspx>.

Manuscript submission must be made by e-mail to the following address that authors should mention in their letter to the Editorial Office that the manuscript is submitted to this "Special Issue": fcds@cs.put.poznan.pl.



Annals of Operations Research

Special Issue: Call for Papers on Blockchain in Operations and Supply Chain Management

Guest Editors: **Ali Emrouznejad, Soumyadeb Chowdhury, Prasanta Dey**

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

Blockchain (BCT) has emerged as the technology that can provide traceability, provenance and transparency in business operations, across complex global supply chain ecosystems, where leanness, agility, and speed are crucial, in addition to achieving social sustainability. It is being considered as one of the most disruptive technologies representing decentralised environment for transactions, self-executing digital contracts (smart contracts) and intelligent asset management over the internet, providing a single-view to the entities (users) involved in the transaction. Therefore, the key characteristics of the BCT will significantly impact the organisation governance, supply-chain relationships, operations strategy, digital transformation pathway and existing supply-chain business models. BCT when integrated with other technologies such as Internet of Things, Big data analytics, and Artificial intelligence, will help to increase the efficiency of supply chain through agile data-driven decision-making based on high quality data (stored in Blockchain) and further facilitating supply chain transparency, which will also afford product traceability, authenticity and legitimacy, and enhance sub-supplier transparency, which will alleviate social sustainability problem in multi-tier supply networks.

Despite the potential of Blockchain technology for the field of Operations and Supply Chain Management (OSCM), it has thus far received extremely limited attention in the OSCM literature, except few studies reporting a systematic review of literature reflecting on the characteristics of the technology, potential drivers in a business environment and technical challenges to deploy it. However, empirical evidence and research on developing new models and contemporary tools to assess several elements related to the technology, including and not limited to, performance, organisational readiness, risk assessment, operations strategy, integration with existing ERP systems, and supply chain business models, will facilitate deeper understanding of the benefits offered by the technology, which in-turn will help managers and relevant decision-makers to systematically assess the impact of BCT on their respective organisation and supply chain model. Furthermore, research into application of BCT within OSCM literature will require examining the relevance of existing theories and either developing new theories or extending existing theories that will facilitate better understanding of this contemporary phenomenon and its impact on supply chain relationships, operations strategy, workforce management, business partnerships, value creation, social legislations, and business transparency.

For this special issue, we expect original research papers reporting empirical evidence, models and tools, and developing new theories contributing to the application of BCT in OSCM.

Instructions for authors can be found at:

<http://www.springer.com/business/operations+research/journal/10479>



Operations Research Forum

Special Issue: Call for Papers on Model Development for the Classroom

Guest Editor: **János D. Pintér**

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

[Website](#)

This special issue presents a collection of articles discussing the innovative use of modeling languages and technical computing environments (including but not limited to AMPL, GAMS, Excel, LINGO, Matlab, Mathematica, Maple, Python, R, SAS) in courses held at colleges and universities. Topics of interest include courses offered in the area of Business Analytics, Data Science, Management Science, Operations Research, Operations Management, and Statistics.

We solicit submissions discussing curriculum development, research and teaching practice. Examples and cases used in the classroom, and made available for educational use, will be particularly welcome.

Papers should be submitted at the SN Operations Research Forum website

<https://www.editorialmanager.com/orfo/default.aspx>.

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

[Website](#)

The Emerging Topics in Transportation Science and Logistics Special Issue will feature new directions in transportation science and logistics research, promoting topics that have received limited attention in *Transportation Science*. We welcome papers covering new work in all areas of the journal, from connected, shared, automated or electrified mobility systems to new delivery technology like UAVs to innovations in public transit to increase access. We are interested in new applications in transportation and logistics that require significant changes from existing models and the use of new solution methods that can broadly impact knowledge in transportation science, such as novel applications of machine or reinforcement learning to leverage the massive explosion of data related to mobility. Further examples of emerging topics include papers on humanitarian and nonprofit logistics that address new disaster types, objectives, or other major differences in features from previous work. The special issue will also feature broad-ranging, cross-functional topics that challenge us to consider new perspectives on existing problems, new problems or solution methods involving features from multiple disciplines, and examining the impact of various transportation policies on stakeholders. Examples of new perspectives include modeling equity in access to transportation or developing improvements to the sustainability of transportation systems. Papers may explore econometric and simulation models for transportation policy decisions or policy and economic analysis of environmental incentives and regulations related to transportation activities. The review of papers for this special issue will heavily weigh the innovation, novelty, and societal importance of the work presented.

Submissions are open to all and will be peer reviewed according to the usual standards of the journal. Please submit your manuscript online via **ScholarOne Manuscripts**. When choosing Manuscript Type in Step 1 of the submission procedure enter "Special Issue – Emerging Topics in Transportation Science and Logistics," otherwise your submission will be handled as a regular manuscript. The Instructions to Authors can be found on the *Transportation Science* homepage.



Special Issue: Call for Papers on Different Perspectives in the Application of Bilevel Programming

Guest Editors: **Carmen Galé, Luce Brotcorne**

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

[Website](#)

A lot of real systems involves a hierarchical structure of decision making. Bilevel optimization is the discipline that allows us to model those systems in which the feasible solutions are obtained by solving an optimization problem.

In this special issue, we invite papers with contribution in the applicability of bilevel programming from different perspectives. From the point of view of modelling real-world optimization problems in different research fields such as pricing problems, waste management or planning of logistic operations. We also encourage the exploration of the applicability of the bilevel approach to the resolution of some NP problems.



Journal of Humanitarian Logistics and Supply Chain Management (JHLSCM)

Special Issue: Call for Papers on Vaccine Supply in Perspective: from End-To-End Supply Chains to Full-fledged Immunization Systems

Guest Editors: **Catherine J. Decouttere, Nico J. Vandaele**

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

Background

Infectious diseases pose a serious threat to global health and the economy, as the COVID-19 pandemic painfully shows. In terms of prevention, vaccines are widely recognized as a powerful tool to fight epidemics. However, not only is the development of vaccines challenging, but also the manufacturing and distribution of vaccines on a potentially global scale is anything but trivial. This requires a substantial investment, both in physical and human capital, in which many unknowns and uncertainties reside. To avoid delays once the vaccine candidates are ready for scale-up, a global and sustainable vaccine manufacturing and distribution network needs to be established, both to support planned immunization as well as to be prepared for outbreak response. In an End-To-End approach multiple aspects of the supply network need to be considered and coordinated, in a way that many upstream decisions and aspects in R&D have a considerable impact on the downstream supply network up to the very last mile and point of vaccination.

However, modeling the supply chain in the latter view is only part of the job. In an extended End-To-End view, a system wide approach is mandatory. At the point of vaccination the vaccine supply system meets two other crucial flows: the capacity to vaccinate and the person to be immunized. The capacity to vaccinate includes the contextual setting of the health service providing vaccination and encompasses both physical and human resources. All equipment, facilities and commodities are equally crucial as skilled vaccination health care workers. The presence of the person to be vaccinated is the outcome of the complex demand side part of the immunization system. It entails various aspects of access to vaccination services, ranging from very practical and material issues (e.g. out-reach), over information, communication and support, up to hesitancy, with its constituting building blocks of convenience, confidence and complacency.

Even more, a successful vaccination is not the end-point. Here the feedback kicks off with the assessment of the health outcomes of the vaccination operations. Based on this, vaccination strategies and (inter)national immunization plans are adapted, modified and refined, and are aligned with funding and procurement engagements. At this point sustainability and a long term perspective are at stake which connect back to the R&D and manufacturing aspects of the End-To-End supply network.

As a final remark, a well performing planned immunization system will reduce the frequency of activation of outbreak response mechanisms. Despite the current focus and intense attention to covid19 response on almost every aspect of vaccine supply, integrated system based research embedding vaccine supply is scarce [1,2]. This Special Issue seeks to address this aspect of vaccine supply chains, in a way to make them more sustainable and resilient to withstand future challenges

Proposed topics

We intend to include 6 articles in this Special Issue. If the number of high-quality papers exceeds this number the publisher is interested in producing a follow-up issue. We welcome both qualitative and conceptual as well as quantitative and modeling articles that put vaccine supply chains in their broader context. Preferably the papers make an additional contribution on the aspect of sustainability, practical relevance and/or applicability.

Please follow the journal guidelines for paper and table formatting available at:
https://www.emeraldgrouppublishing.com/products/journals/author_guidelines.htm?id=jhlscm

Prizes and Awards

INFORMS Prizes



Website

Frederick W. Lanchester Prize

Nominations are invited for the 2020 Lanchester Prize. This prize is awarded for the best contribution to operations research and the management sciences published in English in the past five years. The award will be given at the 2020 INFORMS Annual Meeting.

15th June 2021

George B. Dantzig Dissertation Award

The George B. Dantzig Award is given for the best dissertation in any area of operations research and the management sciences that is innovative and relevant to practice. This award has been established to encourage academic research that combines theory and practice and stimulates greater interaction between doctoral students (and their advisors) and the world of practice. The award is given at the INFORMS Annual Meeting.

30th June 2021

George Nicholson Student Paper Competition

The George Nicholson competition is held each year to identify and honor outstanding papers in the field of operations research and the management

2nd June 2021

sciences written by a student.

INFORMS Case Competition

The purpose of this annual competition is to encourage the creation, dissemination, and classroom use of new, unpublished cases in operations research and the management sciences.

2nd July 2021

INFORMS Prize

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

1st December 2021

John von Neumann Theory Prize

The John von Neumann Theory prize is awarded annually to a scholar (or scholars in the case of joint work) who has made fundamental, sustained contributions to theory in operations research and the management sciences.

1st June 2021

Prize for the Teaching of the OR/MS Practice

The Prize for the Teaching of OR/MS Practice will be given annually, if there is a suitable recipient, to a university or college teacher for excellence in teaching the practice of OR/MS. The purpose of this award is to recognize a teacher who has succeeded in helping his or her students to acquire the knowledge and skills necessary to be effective practitioners of operations research or the management sciences. An "effective practitioner" has respect for, understanding of, and the skills to surmount both the practical difficulties and the technical challenges of doing good OR/MS work.

30th June 2021

Saul Gass Expository Writing Award

The Saul Gass Expository Writing Award honors an operations' researcher/management scientist whose publications demonstrate a consistently high standard of expository writing.

30th June 2021

Undergraduate Operations Research Prize

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

30th June 2021

UPS George D. Smith Prize

The UPS George D. Smith Prize is created in the spirit of strengthening ties between industry and the schools of higher education that graduate young practitioners of operations research. INFORMS, with the help of the INFORMS Practice Section, will award the prize to an academic department or program for effective and innovative preparation of students to be good practitioners of operations research, management science, or analytics.

1st October 2021

INFORMS Optimization Prizes



Website

Khachiyan Prize

The Khachiyan Prize of the INFORMS Optimization Society was established in 2010 and is awarded annually at the fall INFORMS Annual Meeting to an individual or a team for life-time achievements in the area of optimization. The award recognizes a sustained career of scholarship from nominees who are still active at the year of the nomination. The prize serves as an esteemed recognition of innovativeness and impact in the area of optimization, including theory and applications.

15th June 2021

Farkas Prize

The Farkas Prize of the INFORMS Optimization Society was established in 2006 and is awarded annually at the INFORMS Fall National Meeting to a mid-career researcher for outstanding contributions to the field of optimization, over the course of their career. Such contributions could include papers (published or submitted and accepted), books, monographs, and software.

15th June 2021

The awardee will be within 15 years of their terminal degree as of January 1 of the year of the award. The prize serves as an esteemed recognition of colleagues in the middle of their career.

Egon Balas Prize

The Egon Balas Prize of the INFORMS Optimization Society was established in 2020 and is awarded annually to an individual for a body of contributions in the area of optimization. The awardee must be within 15 years of their terminal degree as of January 1 of the year of the award. The award serves as recognition of the winner's innovativeness and impact in the area of optimization, including its theory, algorithms, and/or computations.

15th June 2021

Upcoming Conferences

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

24th-28th May 2021	7th International Conference on Decision Support System Technology (ICDSSAT 2021)	ONLINE	12th December 2020
27th-29th May 2021	HASCOM 42nd Meeting & 9th International Conference on Finance and Banking in Br 2021	ONLINE	3th May 2021
2nd-4th June 2021	Prof. Ferdinands Jaggi Chen and Healthcare Management Conference	ONLINE	23rd May 2021
7th-11th June 2021	Application of Metaheuristics on Large Scale Problems @ USC 21	ONLINE/Sceopol, Bulgaria	15th January 2021
10th-11th June 2021	ICCO 2021 - The 18th annual conference of the EURO Working Group European Chapter on Combinatorial Optimization	ONLINE	30th April 2021
21st-23rd June 2021	OAA 2021 - International Conference on Optimization and Learning: Challenges and Applications	ONLINE/Catania, Italy	5th February 2021
24th-25th June 2021	EURO OR in Sports - 9th Workshop International conference	ONLINE	24th March 2021
24th-25th June 2021	EURO 2021 - 3rd International Workshop on Forecasting for Social Good	Bordeaux, France	23rd April 2021
27th-30th June 2021	44th International Symposium on Combinatorics	ONLINE/Local Hubs	19th March 2021
3rd July 2021	ICST 2021 - The 4th International Conference on Science and Technology	ONLINE/Buruli Acchi	31st May 2021
5th-7th July 2021	18th International Workshop on Genetic Scheduling Problems - WGP 2021	ONLINE	8th March 2021
5th-7th July 2021	ICMOS 2021 - 18th International Conference on the Integration of Constraint Programming, Artificial Intelligence, and Operations Research	ONLINE/Poznan, Poland	7th April 2021
5th-9th July 2021	43rd International Annual Conference of the EURO Working Group on Operational Research Applied to Health Services	ONLINE/Wienna, Austria	23rd January 2021
5th-10th July 2021	International Conference on the Mathematical Optimization Theory and Operations Research (MOTOT 2021)	ONLINE	10th June 2021
7th-9th July 2021	The 18th EUROPE Workshop on Advances in Combinatorial Optimization - EUROPT 2021	Wrocław, Poland	10th January 2021
10th-14th July 2021	2021 Genetic and Evolutionary Computation Conference (GECCO 2021)	ONLINE	15th March 2021
11th-14th July 2021	EURO 2021	ONLINE/Athens, Greece	2nd May 2021
14th-17th July 2021	EURO PhD School on Sustainable Supply Chains	ONLINE	27th January 2021
19th-21st July 2021	Workshop 30th Conference on Applied & Computational Discrete Algorithms (ACDA)	ONLINE/Spokane, Washington	3rd March 2021
19th-22nd July 2021	Online PhD Course Choice Based Optimization	ONLINE	20th June 2021
19th-20th July 2021	EURO PhD School on MICRA/COM	ONLINE	3rd March 2021
22nd-23rd July 2021	3rd Conference on Sustainable Supply Chains (SSC3 2021)	Ankara, Turkey	30th April 2021
2nd-4th August 2021	Modeling and Optimization: Theory and Applications (MOTA 2021)	ONLINE/Pennsauken, USA	28th June 2021
23rd-24th August 2021	COOLG workshop	Bruges, Belgium	1st March 2021
22nd-27th August 2021	ICOS	ONLINE	14th May 2021
24th-27th August 2021	PRAT 2021	Bruges, Belgium	28th August 2021
24th-27th August 2021	4th Workshop of the EURO Working Group on Pricing and Revenue Management	ONLINE	20th August 2021
28th August-1st September 2021	18th - International Workshops on Scheduling	Oslo, Norway	15th May 2021
30th August-1st September 2021	EUROPT Summer School	ONLINE	3rd July 2021
30th August-3rd September 2021	29th edition of the IIP Tr Conference: System Modeling and Optimization	Dufo, Ecuador	27th March 2021
21st August-3rd September 2021	IC 2021 - International Conference on Operational Research	ONLINE	27th May 2021
1st-3rd September 2021	2nd International Conference on Applied Mathematics in Engineering (ICAME 21)	ONLINE	28th May 2021
2nd-5th September 2021	14th International Workshop on Computational Optimization (ICCO 21)	ONLINE	24th May 2021
5th-9th September 2021	APMS 2021 - IIP International Conference - Advances in Production Management Systems	Nantes, France	11th April 2021
6th-10th September 2021	14th edition of the EURO Working Group on Transportation Annual Meeting (EUOT 2021)	Aveiro, Portugal	16th January 2021
6th-10th September 2021	ATMOS 2021	Lisbon, Portugal	28th June 2021
9th-10th September 2021	WACA 2021 19th Workshop on Approximation and Online Algorithms	Lisbon, Portugal	27th June 2021
11th-12th September 2021	24th EUROSA Annual Conference in collaboration with APMS 2021	Pretoria/Broom, South Africa	2nd August 2021
14th-16th September 2021	OSR Annual Conference	ONLINE	11th June 2021
14th-17th September 2021	International Conference on Optimization and Decision Sciences 2021 (IODS 2021)	Rome, Italy	25th May 2021
20th-23rd September 2021	XXVIII Symposium on Operational Research - SOOP 2021	Banja Koviljka, Serbia	31st May 2021
21st-24th September 2021	14th International Symposium on Algorithmic Game Theory (AGT 21)	Karlsruhe, Germany	11th May 2021
22nd-24th September 2021	International Symposium on Operations Research in Slovenia (ISOR 21)	Bird, Slovenia	3rd June 2021
24th-26th September 2021	International Conference on Computational Logistics (ICCL 2021)	ONLINE/Enschede, The Netherlands	28th May 2021
5th-7th October 2021	14th International Conference on Advanced Systems in Public Transport (ASPT 1021)	Tel Aviv, Israel	1st March 2021
4th-9th October 2021	7th Annual Conference on Machine Learning, Optimization and Data Science (MOLDS)	ONLINE/Lake District, UK	1st April 2021
14th-15th October 2021	EURO Hope Max Conference 2021	Helsinki, Finland	1st May 2021
21st-22nd October 2021	14th International Logistics and Supply Chain Congress & HASCOM 2020	Göteborg, Turkey	31st May 2021
25th-26th October 2021	COPT 21 - 27th International Conference on Convex and Combinatorial Optimization	ONLINE	21st May 2021
27th-30th October 2021	NEA 2021 - International Conference on Metaheuristics and Nature Inspired Computing	ONLINE/Warrakish, Morocco	30th May 2021
3rd-5th November 2021	The 7th International Conference on Algorithms, Decision Theory - ADT 2021	ONLINE/Toulouse, France	7th May 2021
17th-20th November 2021	On-Site Business Institute 3rd Annual Conference	ONLINE	1st June 2021
19th-20th November 2021	29th conference Lehigh University Combinatorial Problems 2021	Fackenheim, Germany	22nd October 2021
10th-17th December 2021	EURO PhD School Reinforcement Learning Applied to Operations Research	Marienhöhe, Germany	

Contact Us

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



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