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Special Announcements

EURO News

Welcome to the New EURO President



(Photograph of Professor Richard Eglese and Dr Sarah Fores, EURO Manager, courtesy of the OR Society.)

Having served for a year as President-Elect, Richard Eglese, University of Lancaster, became EURO President on 1st January, and Richard's term of office as President will be for two years. Richard will represent EURO in all contacts with external organisations and scientific societies and on public occasions. The President also coordinates all the regular EURO activities and identifies opportunities for the development of EURO. Richard has a strong and extensive background in OR, particularly vehicle routing, and he is an active member of the UK OR Society and the EURO Working Group VeRoLog. It is with great pleasure that we welcome him as President. Richard said: "I am particularly interested in the support EURO gives to young researchers through PhD Schools and bursaries for PhD students to attend training courses. I hope that EURO will be able to continue and strengthen these initiatives to help the next generation of OR researchers."

We also take this opportunity to thank Elena Fernández for her excellent leadership as President over the last 2 years and we are extremely pleased that she will remain on the EURO EC for another year where we can benefit from her knowledge and experience.

Information about the EC members can be found at:

<https://www.euro-online.org/web/pages/1456/executive-committee>



Professor Brian Haley
(17th Nov 1933 - 25th Dec 2016)



It is with sadness that we announce that Brian Haley passed away peacefully in his sleep on Christmas Day morning. Brian was the IFORS President 1992-1994 and Companion & former President of the OR Society. He will be greatly missed.



EURO Support for NATCOR Bursaries



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

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

- Stochastic Modelling, Lancaster University - 3rd - 7th April 2017
- Simulation, Loughborough University - 10th - 14th July 2017
- Combinatorial Optimisation, University of Southampton - 4th - 8th September 2017

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

To apply for a bursary, candidates from a EURO member society country, or studying in a EURO member society country, should submit a zip file containing the application form, their curriculum vitae (including their academic track record), a letter outlining their motivation to attend, and a letter of recommendation from their supervisor to <https://www.euro-online.org/awards/natcor2017/registration.php>. Applicants should declare on their application if they are receiving any additional support from their PhD funding body or other sponsor.

Important Dates

Deadline for applications: **January 16, 2017**

Notification of acceptance: January 30, 2017

21st Conference of the International Federation of Operational Research Societies

IFORS 2017

Québec City, Canada, 17-21 July, 2017



OR/Analytics for a Better World

<http://ifors2017.ca/>

IFORS 2017 will be held in the heart of Québec City, at walking distance from its UNESCO World Heritage historic center, and will bring together operational researchers from around the globe.

IFORS 2017 will be a memorable scientific event. The plenary speakers are outstanding: Egon Balas (Harold Larnder prize winner), **Martine Labbé** (EURO plenary speaker), **Alvin Roth** (2012 Nobel prize winner), **Andres Weintraub**. The excellent keynote speakers will deliver tutorials (one hour each) on a variety of topics: **Stefania Bellavia** (Computational aspects in second order methods for large scale optimization), **Julia Bennell** (Get packing! Key concepts and future directions in cutting and packing problems), **John Birge** (Stochastic optimization with particles and Markov chains), **Sophie D'Amours** (Value chain modeling and optimization in the forest sector), **Ulrike Leopold-Wildburger** (Operations research and behavioral economics), **Avishai Mandelbaum** (Theomprical research in OR/IE/OM: A theory- and data-based journey through service systems), **Asuman Ozdaglar** (Incremental methods for additive convex cost optimization), **Roman Slowiński** (Preference learning through robust ordinal regression), **Dave**

Stanford (Key performance indicators and their optimal performance), **Detlof von Winterfeldt** (Decision analysis to improve homeland security).

The deadline for abstract submission is **February 10th**. You can submit your abstract at <https://www.euro-online.org/conf/ifors2017/welcome> (accessible also through the web site of the conference). Don't miss the deadline!

We look forward to meeting you in Québec City in 2017.

Irène Abi-Zeid
M.Grazia Speranza



Joint EURO/ORSC/ECCO International Conference 2017 on Combinatorial Optimization (ECCO XXX)

Koper, Slovenia, 3-6 May 2017



<http://ecco2017.euro-online.org/en/>

The 30th Anniversary conference **ECCO XXX - 2017** will be a joint **EURO/ORSC /ECCO International Conference on Combinatorial Optimization**.



It will be organized and hosted by the University of Primorska and its Faculty of Mathematics, Natural sciences and Information technologies, and Andrej Marusic Institute.

The conference will be held, on May 3-6, 2017, in the medieval town of Koper, Slovenia, located on the Mediterranean coast in close proximity of many touristic hotspots (like, e.g., Venice, Ljubljana, Skocjan Caves)

Plenary Speakers

Robert Bixby
Xiaotie Deng
Bernard Ries
Gerhard Woeginger

Important Dates

Conference website online: Nov. 1, 2016
Abstract submissions opens: Dec. 1, 2016
Abstract submission closes: **March 1, 2017**

General Conference Committee

Xiaodong Hu, Chinese Academy of Sciences
Silvano Martello, University of Bologna
Gerhard Wäscher, Otto von Guericke University Magdeburg

with special thanks to Gerhard Wäscher, who took care of all contacts with the Chinese society.

Program Committee

Andrej Brodnik, University of Primorska and University of Ljubljana - co-chair
Guochuan Zhang, Zhejiang University - co-chair
Jacek Blazewicz, Poznan University of Technology
Xujin Chen, Chinese Academy of Sciences
Van-Dat Cung, Institut Polytechnique de Grenoble
Alain Hertz, Ecole Polytechnique de Montréal
Liyang Kang, Shanghai University
Minming Li, The City University of Hong Kong
Xiwen Lu, East China University of Science and Technology
Silvano Martello, University of Bologna
Paolo Toth, University of Bologna
Dachuan Xu, Beijing University of Technology
Gerhard Wäscher, Otto von Guericke University Magdeburg
Zhao Zhang, Zhejiang Normal University

Pre-Congress Tour

A special pre-congress tour to Venice on May 2, 2017 (including transfer to Koper on May 3, 2016) will be offered to interested participants.

Special Issues

Two special issues (Discrete Applied Mathematics, Journal of the Operations Research Society of China) will be dedicated to the conference.

7th International Conference on Logistics and Maritime Systems

LOGMS 2017

Bergen, Norway, 23-26 August, 2017

NHH



LOGMS 2017

<http://www.logms2017.org>

We are pleased to invite you to submit an abstract to LOGMS 2017. All works related to theoretical developments and applications of logistics and maritime systems are welcome.

Topics include (but are not limited to):

- *Analytics in logistics and maritime systems
- *Automation in container terminals
- *Carrier alliances and collaborative logistics
- *Data science and IT-technologies in logistics and maritime systems
- *Design of transportation networks
- *Empty container management
- *Environmental issues in transportation
- *Freight rates and markets
- *Industrial applications in transportation systems (air, sea, road and rail transport)
- *Multimodal transportation systems
- *Onshore transportation of containers
- *Optimization modeling and simulation analysis of logistics systems
- *Performance measures and efficiency analysis in logistics systems
- *Port operations
- *Real-time control of logistics activities in container terminals
- *Scheduling in logistics and maritime systems
- *Ship routing and fleet management
- *Shipping maintenance and warehouse services
- *Stowage plans for container vessels
- *Terminal design and operation
- *Transport planning in freight carrier networks
- *Vehicle routing and fleet management

Abstracts should contain no more than 500 words. Full papers presented at the conference will be welcome for consideration of publication in a special issue of the Flexible Services and Manufacturing Journal (Springer).

Important dates:

- 30 January 2017** - Deadline abstract submission
- 1 March 2017 - Notification of acceptance/rejection
- 30 June 2017 - Speaker registration deadline

LOGMS 2017 is co-organized with the **Norwegian Operations Research Society (NORS)**.

A EURO Plenary will be delivered by Professor Stefan Voss, The University of Hamburg.

For questions, please email us at: logms2017@nhh.no

Working Groups

EWG EPA, EURO working group on Efficiency and Productivity Analysis

Upcoming Events

<http://www.blqdataresearch.org/>

Training - Empowering the Public Sector: Delving into Data Analytics

Date: **12 and 13 January 2017**

<http://www.blqdataresearch.org/empowerpublicsector/>

An Overview of Agent Based Modelling

Date: **Thursday 12 January**

Time: 10am - 12.45pm (9.30am registration)

Location: PC Lab M, Colchester Campus, University of Essex

Predictive modelling: shifting from reaction to prevention



Date: **Thursday 12 January**
Time: 1.45pm - 4.30pm
Location: EBS.1.1, Colchester Campus, University of Essex

Data linkage techniques (GIS)

Date: **Friday 13 January**
Time: 10am - 12.45pm (9.30am registration)
Location: PC Lab M, Colchester Campus, University of Essex

Webinar | Regeneration in Coastal Communities

Date: **Tuesday 24 January 2pm to 3pm**

<http://www.blqdataresearch.org/coastalwebinar/>

EWG ESICUP, EURO working group on Cutting and Packing

14th ESICUP Meeting

Liège, Belgium, 3-5 May, 2017



<https://paginas.fe.up.pt/~esicup/extern/esicup-14thMeeting>

The 14th ESICUP Meeting is the 2017 regular meeting of ESICUP and provides a forum for those working in the Cutting & Packing field, bringing together researchers from all over the world. This year edition will take place in Liège, Belgium.

The 14th ESICUP Meeting is the 2017 regular meeting of ESICUP and follows meetings in Wittenberg (Germany), Southampton (United Kingdom), Porto (Portugal), Tokyo (Japan), L'Aquila (Italy), Valencia (Spain), Buenos Aires (Argentina), Copenhagen (Denmark), La Laguna (Spain), Lille (France), Beijing (China), Portsmouth (UK) and Ibiza (Spain).

ESICUP gathers practitioners, researchers and Operations Research educators with interests in the area of Cutting and Packing. The purpose of ESICUP is to improve communication among individuals working in this field. Besides the promotion of publications, the activities of the group include the maintenance of a web page and the organization of meetings. Founded in 1988, during the EURO/TIMS Conference in Paris, by Prof. Gerhard Wäscher and Prof. Harald Dyckhoff, it has now around 600 members, registered on the web site, from the entire world. ESICUP is since 2003 a Working Group of the Association of European Operational Research Societies (EURO).

Important Dates

February 10, 2017 - Deadline for Abstract Submission.
February 17, 2017 - Notification of acceptance.
March 17, 2017 - Deadline for early registration and authors registration.
May 3-5, 2017 - 14th ESICUP Meeting.

Contacts

Those who wish to receive further information on the Conference are invited to send their requests by e-mail to the organizers:

Célia Paquay
email: cpaquay@ulg.ac.be

For additional information please contact the Program Committee members:

José F. Oliveira or A. Miguel Gomes
email: esicup@gmail.com

EURO working group on OR in Sports

MathSport International 2017 (6th International Conference on Mathematics in Sport)

Padua, Italy, 26-28 June, 2017



<http://www.mathsportinternational2017.math.unipd.it/index.html>

We invite you to submit an abstract for the 6th International Conference on Mathematics in Sport. Submissions in all areas where sports and mathematics meet are welcome. The term sport is interpreted liberally and includes games, gambling, and lotteries. Topics of interest include, but are not limited to: Mathematical and physical models in sports, Performance measures and models, Optimisation of sport performance, Statistics and probability models in sport, Match outcome models, Operations Research in Sport, Competitive strategy, Game theoretical models, Optimal tournament design, Sports scheduling, Decision support systems, Analysis of rules and adjudication, Econometrics in sport, Analysis

of sporting technologies, Mathematics education and sport, Computationally intensive methods, Financial valuation in sport, E-sports (gaming), Betting and sports

Abstracts should be at most 2000 characters (spaces included) long, in English, and they must be submitted through the EasyChair website. The final date for abstract submission is **30 January 2017**, and you will be notified of acceptance by 24 February 2017. At least one author of each accepted paper must register and present the work at the conference. Registration will be at the conference website, <http://www.mathsportinternational2017.math.unipd.it/index.html>, at a discounted rate until 15 May 2017. Accommodation info at the website.

Authors of accepted abstracts are encouraged to submit their paper for the conference Proceedings (even if it is work in progress), until 24 April 2017. Padova University Press will distribute the book of accepted proceedings (in digital form in a USB pen drive with ISBN) to all participants.

Deadlines:

Abstract submission: **30 January 2017**
Latest notification of acceptance: 24 February 2017
Submission of papers for Proceedings: 24 April 2017
Early registration: 15 May 2017

Registration fees:

Until 15 May: €380 (students: €250, accompanying person: €100)
From 16 May: €450 (students: €300, accompanying person: €120)

Supported by:

This conference is supported by: University of Padova, Mathematics Department of University of Padova, EURO Working Group OR in Sports, Royal Statistical Society Statistics in Sport section.

EURO working group on Agriculture and Forest Management



Invited session: Metaheuristics in Agriculture and Forest Management within MIC'17

Barcelona, Spain, 4-7 July, 2017

<http://mic2017.upf.edu/>

The MIC conference series was established in 1995 and this is its 12th edition. MIC is the main event focusing on the progress of the area of Metaheuristics and their applications. As in previous editions, MIC 2017 will provide an opportunity to the international research community in Metaheuristics to discuss recent research results, to develop new ideas and collaborations, and to meet old and make new friends in a friendly and relaxed atmosphere.

Presentations covering all aspects of Metaheuristic research such as new algorithmic developments, industrial applications, new research challenges, theoretical developments, implementation issues, in-depth experimental studies, hybrid metaheuristics, etc. are welcome.

The MIC 2017 will be organized jointly with the MAEB (Metaheurísticas, Algoritmos Evolutivos y Bioinspirados), the most well known conference in the area of Metaheuristics, Evolutionary and Bio-Inspired Algorithms.

Invited Sessions

<http://mic2017.upf.edu/special-sessions/>

Metaheuristics in Agriculture and Forest Management organized by Lluís Pla (lmpla@matematica.udl.cat)

Indicate the invited session in the submission:

<http://mic2017.upf.edu/submission/>

Important Dates:

Submission: **January 23, 2017**
Notification: February 27, 2017
Camera-ready: March 6, 2017
Registration: March 31, 2017
Conference: July 4-7th, 2017

EWG EUROPT, EURO working group on Continuous Optimization



15th EUROPT Workshop on Advances in Continuous Optimization

Montréal, Canada, 12-14 July, 2017

<https://www.gerad.ca/colloques/europt2017/>

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 15th edition will take place in Montreal just before the [21st IFORS conference](#) that will be held in Quebec City.

The workshop will take place during Montreal's 375th anniversary celebrations. Activities and special events are advertised at <http://www.375mtl.com/en>.

Plenary Speakers

- * Shabbir Ahmed (Georgia Institute of Technology, U.S.A.)
- * Timothy C.Y. Chan (University of Toronto, Canada)
- * Francisco Facchinei (University of Rome La Sapienza, Italy)

Special Sessions In Memoriam

The scientific program will include special sessions in memory of Jonathan M. Borwein, Roger Fletcher, and Christodoulos A. Floudas.

Abstract Submission is online and is already open at <https://symposia.gerad.ca/europt2017/en/submit>

Important Dates:

Abstract submission deadline: **March 15, 2017**

Abstract acceptance: March 31, 2017

Early bird registration deadline: May 1st, 2017

EURO working group on Agriculture and Forest Management

IV Workshop on Optimization Under Uncertainty in Sustainable Agriculture and Agrifood Industry

Lleida , Spain, 6-8 September, 2017

<http://orafm.udl.cat/workshop2017/>

The EURO working group on Agriculture and Forest Management invites you to participate in the Workshop on Optimization Under Uncertainty in Agriculture and Agrifood Industry, which will be hosted at the Universitat de Lleida, Lleida (Spain).

Submissions may include topics related to Agriculture and Agrifood industry, but also Forestry, Food Industry, Fisheries and Natural Resources in general.

Important Dates:

Submission of abstracts: **07/08/2017**

Acceptance of abstracts: 12/08/2017

Early registration Deadline: 12/08/2017

Workshop: 6-8/09/2017



EURO working group on Stochastic Optimization

European Conference on Stochastic Optimization (ESCO 2017)

Rome, Italy, 20-22 September 2017

<http://ecso2017.inf.uniroma3.it/index.html>

ESCO 2017 will be held on September 20-22, 2017, in Rome, Italy. It is the 2nd edition of a stream of triennial conferences organized by the EURO Working Group on Stochastic Optimization. The previous edition was held in Paris in 2014.

The scope of this EWGSO Conference ESCO 2017 "**Stochastic Optimization in Service Science**" is to discuss the latest trends and challenges in Stochastic Optimization and its applications.

The conference aims to bring together the leading researchers in Stochastic Optimization and practitioners in the field. Participants are welcome from academia and industry, media and institutions concerned with data uncertainty as well as decision making involving stochastic applications in services. Young researchers and PhD students starting or developing their research related to Stochastic Optimization are encouraged to present their work for discussion and take part in the sessions and plenary lectures on the challenging topics of Stochastic Optimization theory and practice, held during the conference.



The conference will be held at the Engineering School, Roma Tre University, Rome, Italy. ECOSO 2017 will accept contributions related to Stochastic Optimization theory and applications, with particular emphasis on Service Science. The program of the conference consists of plenary lectures and parallel organized sessions.

Confirmed Plenary Speakers

Nicholas G. Hall (The Ohio State University)
Rüdiger Schultz (Universität Duisburg-Essen)

We invite authors to submit high quality contributions describing significant results on different research topics related to Stochastic Optimization and on Service Science applications of Stochastic Optimization.

All researchers, academics, practitioners and students working on the conference themes are invited to participate to ECOSO 2017 submitting a contribution proposal, and proposing sessions. ECOSO 2017 allows submissions in the following categories:

Contribution proposals (One-Page-Abstract) - **Deadline: April, 30 - 2017**

Contributions will be selected by the International Program Committee to be presented in the conference and included in the book of abstracts which will be delivered during the conference. An edited volume with the conference proceedings (selected full papers) will be published at the end of the event. Contribution proposals should be submitted as a single PDF file as described in the Conference Website. Information about post-conference special issues on recognized international journals will be given in the Conference Website, and in successive announcements.

Session proposals (Max 3 pages) - **Deadline: March, 20 - 2017**

Topics of interest include all areas of Stochastic Optimization. ECOSO 2017 specifically welcomes sessions (composed of 4 contributions) tackling novel, cutting-edge topics, sessions covering lesser-addressed sub-areas, cross-discipline sessions and sessions dealing with possible and expected future evolutions of the Stochastic Optimization in Service Science. The organizers of approved sessions are responsible for advertising their sessions and will be involved in the review process. Organizers are expected to attend and chair their sessions. Session proposals should be submitted (by email to ecso2017@ing.uniroma3.it) as a single PDF file (max 3 pages) containing the following information: title, organizer(s), topic description, and a preliminary/tentative list of contributions.

For any inquiry concerning the conference, please contact: ecso2017@ing.uniroma3.it

Conferences and Meetings

UK Operational Research Society (ORS)

Young to OR 20 Conference

London, UK, 4-6 April, 2017



www.theorsociety.com/YOR20

Young to OR 20 is the conference to go to for those whose Operational Research (O.R.) careers are less than ten years in duration.

Young to OR is a biennial conference for academics and practitioners with up to ten years of experience in O.R. Attendees have the opportunity to present their work to peers in a supportive environment, while learning about how O.R. techniques have been used in a wide range of applications. Parallel streams of talks are interspersed with presentations from plenary and keynote speakers.

Providing a great opportunity to meet fellow O.R. practitioners, the conference also facilitates sharing of best practice and enables attendees to learn about new areas where O.R. can make an impact. In 2015 there were 16 streams with over 100 papers covering topics from Analytics to advancements in Data Envelopment Analysis, tutorials on MCDA, excellent workshops and much more.

If you'd like to put your mark on Young to OR 20 and run a stream or sponsor or exhibit, please contact our Conference Chair, Kuangyi Liu, at Kuangyi.Liu1@astrazeneca.com or Hilary Wilkes at hilary.wilkes@theorsociety.com.

Operations Research Society of Israel

ORSIS 2017

Bar-Ilan, Israel, 21-22 May, 2017

<http://orsis.net.technion.ac.il/2016/08/24/coming-conf/>



The 2017 conference of the Operations Research Society of Israel (ORSIS) will take place on Sunday and Monday, May 21-22, 2017 at Bar-Ilan University. Please note that the social event is planned for Sunday evening (May 21).

Plenary lectures will be given by David Simchi-Levi (MIT), Jacek Błazewicz (Poznań University of Technology), Ehud Lehrer (Tel-Aviv University) and by the Naor lecturer (to be announced). Tutorial semi-plenaries will also be announced. In addition, two prizes will be awarded this year: the ORSIS Prize for excellent work in OR and the Abraham Mehrez Prize for excellent work of a student of OR. Abstracts (in English) should be sent by e-mail orsis2017@gmail.com to the conference chair by **March 20, 2017**. Please indicate if you have any scheduling conflicts with respect to the day of presentation.

An abstract should include the following information.

*Title of the talk.

*Abstract (In English, 100-500 words, written in MS-Word or plain text).

*List of authors including their affiliations and email addresses. Please underline the presenter name.

*Suggested classification (e.g., Supply Chain Management, Revenue Management, Health Care Management, Game Theory, Decision Analysis, Inventory Management, Scheduling, Transportation, Combinatorial Optimization, Continuous Optimization, Queuing Theory, Military OR, Simulation, Productivity Measurement, etc.)

A template for abstract submission can be downloaded from the ORSIS website: <http://orsis.net.technion.ac.il/> (under Conferences).

INFORMS Healthcare Conference

Rotterdam, The Netherlands, 26-28 July, 2017



<http://meetings2.informs.org/wordpress/healthcare2017/>

The goal of INFORMS Healthcare 2017 is to bring together academic researchers in "healthcare analytics" and industry stakeholders who are applying this research to share information and improve the delivery of effective healthcare. The health sector is catching up fast but still lags behind other industries such as airlines, hotel chains, and retail in the adoption of systematic and quantitative analysis used in decision support, and this conference will help to bridge the informational gap.

The conference aims to bring a cross-cultural view of healthcare systems worldwide and the research and applications designed to improve these systems in areas such as:

- *New methods associated with defining value in healthcare
- *Incorporation of O.R. and industrial engineering in healthcare delivery
- *Intersection of healthcare and public health to provide a more "population" perspective on value
- *Medical decision making
- *Computational optimization
- *Patient wait time guarantees
- *Effective use of electronic health records
- *Delivering healthcare in developing countries

Contributions in synergistic fields are also welcome: healthcare policy, clinical decision making, global health, therapy and treatment delivery, public health, and health informatics.

CTW 2017 (15th Cologne-Twente Workshop on Graphs and Combinatorial Optimization)

Cologne, Germany, 6-8 June, 2017

<http://ctw.uni-koeln.de>

Aims & Scope

The 15th CTW welcomes contributions on theory and applications of discrete optimization algorithms, graphs and combinatorial structures in a wide sense. Following a well established tradition, the 15th edition of the workshop aims to disseminate scientific results, especially by doctoral students and young researchers, in a friendly and interactive atmosphere.

Contributions & Submissions

If you wish to submit a contribution, please prepare an extended abstract of at most 4 pages by February 17, 2017, following the guidelines on the workshop website:

<http://ctw.uni-koeln.de/cop>

Submissions to CTW are refereed, yet CTW does not publish proceedings other than a conference booklet. Hence, presenting your paper at CTW will not prevent you from submitting it to journals or to other conferences. Similarly, it is acceptable to submit a paper that has been presented at an earlier conference.

A special proceedings volume of Discrete Applied Mathematics, containing full length papers, refereed according to the high standards of DAM, is planned.

Important dates

- * Deadline for submission: **February 17, 2017**
- * Notification of acceptance: March 24, 2017
- * Workshop dates: June 6-8, 2017

We have pre-reserved some rooms within walking distance to the workshop venue.
For more information, please visit <http://ctw.uni-koeln.de/local>

For further details, please contact: ctw2017@zpr.uni-koeln.de

ISOLDE (International Symposium on Locational Decisions) XIV Toronto, Canada, 9-14 July, 2017

<http://inside.rotman.utoronto.ca/ISOLDE/>

ISOLDE (International Symposium on Locational Decisions) is the pre-eminent international conference devoted to the general subject of Location Analysis. This symposium involves researchers from many fields including Civil and Industrial Engineering, Management Science, Economics, Operations Research, Geography and Computer Science, as well as practitioners in government and industry. Traditionally the conference is held in two locations, with the first part held in more academic urban setting and the second part in more country/resort setting. This year's conference, ISOLDE XIV will be held from July 9-14, 2017 in Toronto, Canada (hosted by the Rotman School of Management, University of Toronto) and Huntsville (Muskoka region), Canada.

As locational decisions (whether tied to physical geographical locations or to more abstract settings) become relevant in increasingly wide areas of research, we would like to make a special outreach to researchers whose primary research focus may not be in locational analysis, but whose work does involve a locational decision component.

Please visit the conference website for all details and submission instructions. The submissions will remain open until **February 1, 2017**.

The 24th International Conference on Multiple Criteria Decision Making. MCDM 2017

Ottawa, Canada, 10-14 July, 2017

<http://sites.telfer.uottawa.ca/mcdm2017/>

"Canada 150: Creating a Sustainable Society"

The Telfer School of Management at the University of Ottawa is very pleased to be hosting one of the leading conferences on multiple criteria decision-making, MCDM 2017. This international gathering of researchers and practitioners is an opportunity to highlight the latest application of MCDM tools to sustainable-management challenges and to explore optimal decision-making around social, environmental, health, safety, and performance objectives. Join us in Ottawa for MCDM 2017 during Canada's 150th birthday celebration!

Abstracts with at most 6000 characters can be submitted here: [Submit abstracts](#). If you are submitting an abstract as part of an invited session, please select the title of your invited session under "Topics".

This international gathering of researchers and practitioners is an opportunity to highlight recent advances in MCDM. Abstracts should revolve around theoretical developments and applications of MCDM to sustainable-management and aim to explore decision-making challenges around social, environmental, health, safety, and performance objectives.

Note that the deadline for submitting abstracts is **February 1, 2017**. A set of special journal issues (with the submission deadlines after the conference) will allow you to submit your work.

Please visit the conference website for information on dates, registration, accommodation and other information. You are also welcome to contact me at your convenience at MDCM2017@Telfer.uOttawa.Ca.

IWOCA 2017 (28th International Workshop on Combinatorial Algorithms)

Newcastle, Australia, 17-21 July, 2017

<https://carma.newcastle.edu.au/meetings/iwoca/>

The series of IWOCA conferences grew out of over 20 years history of the International (since 2007) respectively Australasian (until 2006) Workshops on Combinatorial Algorithms. Previous IWOCA and AWOCA meetings have been held in Australia, Canada, Czech Republic, Finland, France, Indonesia, India, Italy, Japan, South Korea, UK, and the US.

This is a very special IWOCA, dedicated to the memory of Professor Mirka Miller. Mirka was one of the founders of AWOCA and has attended many gatherings of this workshop since its initiation in 1988. Mirka has been an active

member of the IWOCA Steering Committee since its inception in 2006. Mirka was diagnosed with gastro-oesophageal cancer in 2015 and died of this disease on 2nd January, 2016. This particular IWOCA gathering is as much about celebrating the life and work of this wonderful person as it is in continuing her legacy, of which IWOCA is just one aspect.

Invited Speakers: (confirmed to date)

1. Martin Baca (University of Kosice)
2. Henning Fernau (University of Trier)
3. Costas Iliopoulos (King's College London)
4. Zdenek Ryjacek (University of West Bohemia)

Important dates:

1. Abstract due **7th March 2017**
2. Paper due 15th March 2017
3. Notification 15th April 2017
4. Camera ready 30th April 2017
5. IWOCA 17th - 21st July 2017

Authors are invited to submit a paper not exceeding 12 single-spaced pages, including references, figures, title, authors, affiliations, e-mail addresses, and a short (one paragraph) abstract. The authors are strongly advised to use the LaTeX style file supplied by Springer Verlag for Lecture Notes in Computer Science. Final proceedings papers must be camera-ready in this format. All submissions have to be made via the EasyChair submission page for the conference at <https://easychair.org/conferences/?conf=iwoca2017>

EUROCOMB 2017 (European Conference on Combinatorics, Graph Theory and Applications)

Vienna, Austria, 28 August-1 September, 2017

<http://www.dmg.tuwien.ac.at/eurocomb2017/>

In the tradition of EuroComb'01 (Barcelona), Eurocomb'03 (Prague), EuroComb'05 (Berlin), Eurocomb'07 (Seville), Eurocomb'09 (Bordeaux), Eurocomb'11 (Budapest), Eurocomb'13 (Pisa), and Eurocomb'15 (Bergen), this conference will cover the full range of Combinatorics and Graph Theory including applications in other areas of Mathematics, Computer Science and Engineering.

Important Dates

Abstract Submission deadline: **March 15th, 2017**
Nomination for the European Prize in Combinatorics: April 15th, 2017
Abstract Acceptance: April 30th, 2017
Full paper deadline: May 27th, 2017
Early registration deadline: June 30, 2017
Conference: August 28 - September 1, 2017

Contact

The organizing committee can be contacted at: michael.drmota@tuwien.ac.at

Submissions

Submission should have: A title, a list of authors with affiliations, and a brief abstract (up to 5 pages in A4) describing recent original theoretical results or applications of Combinatorics and Graph Theory. They should be submitted as a pdf-file using the interface provided at <https://easychair.org/conferences/?conf=eurocomb2017> by **March 15th, 2017**.

European Prize in Combinatorics

Continuing with the tradition established at EuroComb'03 in Prague the European Prize in Combinatorics will be awarded during the conference EuroComb 2017. The prize is established to recognize excellent contributions in Combinatorics, Discrete Mathematics and their Applications by young European researchers (eligibility of EU) not older than 35. The prize carries a monetary award of 2500 EURO.

The nomination letter including CV and the list of publications of the nominee must be sent to the organizers of EUROCOMB'17 before April 15, 2017. The nominations will be evaluated by an international jury. The award of 2500 EURO for 2017 is founded with contributions of DIMATIA, local organizers and Elsevier B.V.

LAGOS 2017 (IX Latin and American Algorithms, Graphs and Optimization Symposium)

Marseille, France, 11-15 September, 2017

<https://lipn.univ-paris13.fr/Lagos2017/>

LAGOS'2017 edition will be special for two reasons:

- (I) We will celebrate the 150th anniversary of two of the most influential researchers, colleagues and friends, Jayme Luiz Szwarcfiter (UFRJ, Brazil) and Thomas Liebling (EPFL, Switzerland).
- (II) For this special edition, LAGOS Symposium will be held in France, a Latin Country which has always collaborated with the development of the science in the Latin American countries.

The previous editions were held in Fortaleza, Brazil (GRACO 2001), Santiago, Chile (LACGA 2004), Angra dos Reis, Brazil (GRACO 2005), Puerto Varas, Chile (LAGOS 2007), Gramado, Brazil (LAGOS 2009), Bariloche, Argentina (LAGOS 2011), Playa del Carmen, Mexico (LAGOS 2013), and Fortaleza, Brazil (LAGOS 2015). As in previous editions, the proceedings of the accepted papers will be published in Electronic Notes in Discrete Mathematics and a special edition of Discrete Applied Mathematics will be devoted to selected full papers.

Important dates

Submission deadline: **March 10, 2017** (23h59 GMT).

Notification of acceptance: May 10, 2017.

Registration opening: May 11, 2017.

Conference: September 11-15, 2017.

Schools and Courses

Summer School ATOM 2017 on Application and Theory in MultiObjective Optimization

Lille / Villeneuve d'Ascq, France, 12-16 June, 2017



<https://ssatom17.sciencesconf.org/>

The Summer School ATOM 2017 is organized by the working group ATOM (Application and Theory of Multiobjective Optimization/Application et Théorie de l'Optimisation Multi-objectif) of the GRD RO (Operations Research) and the French society ROADEF (Société Française de Recherche Opérationnelle et d'Aide à la Décision).

The Summer School will be in English, with speakers from the Euroregion (France, Belgium, England). The program is a mix between fundamental courses and practical applications. Some space will be given for young PhD students to present their work to high level specialists in multiobjective optimization.

The Summer School is organized at the University of Lille in France.

In order to keep a high level of interaction, the number of participants is limited to 30. Pre-registration is now open online and registration with payment will open at the end of January.

The current application deadline is **30th April** for early registration fees; this may close earlier if the maximum number of participants is reached.

Registration includes: coffee breaks, lunch, summer school material, the gala dinner, the tour, and the welcome party. We also propose a special registration including the accommodation. Therefore a limited number of rooms at the Reflex residence (<http://reflex.univ-lille.fr>) have been booked.

Invited Speakers and teachers (in alphabetic order)

*Xavier Gandibleux (University of Nantes, France) and Vincent T'Kindt (University of Tours, France): Introduction to Multiobjective Optimization

*Dylan Jones (University of Portsmouth, UK): Goal and multiple objective programming

*Laetitia Jourdan (University of Lille, France) and Clarisse Dhaenens (University of Lille, France): Multi-objective optimization for knowledge discovery in big data

*Nicolas Jozefowicz (LAAS Toulouse, France): The use of multi-objective optimization in vehicle routing problem

*Joshua Knowles (University of Birmingham, UK) : Approximation without guarantee (Metaheuristics for MOP)

*Flip Logist (University of Leuven, Belgium): Multiobjective dynamic optimization: recent developments and application

*Patrice Perny (University Pierre et Marie Curie, France): Exact combinatorial optimization with preferences

*Anthony Przybylski (University of Nantes, France): Exact combinatorial optimization without preference

*Daniel Vanderpooten (University Paris Dauphine, France): Approximation with performance guarantee

Publications

Annals of Operations Research

Special Issue: Call for Papers on Recent Advances in Decomposition Methods for Hard Optimization Problems

Guest Editors:

Fabio Furini, Ivana Ljubic, and Emiliano Traversi



Deadline for submission: **January 31, 2017**

Motivation

Divide and conquer, from Latin divide et impera, is one of the key techniques for tackling combinatorial optimization problems. It relies on the idea of decomposing complex problems into a sequence of subproblems that are then easier to handle. Decomposition techniques (such as Dantzig-Wolfe, Lagrangian, or Benders decomposition) are extremely effective in a wide range of applications, including cutting & packing, production & scheduling, routing & logistics, telecommunications, transportation and many others. Moreover, decomposition techniques are playing an important role in many different fields of mixed-integer linear and non-linear optimization, multi objective optimization, optimization under uncertainty, bilevel optimization, etc. Despite the tremendous amount of research on these topics, the mathematical optimization community is constantly faced with new challenges coming from theoretical aspects and real world applications that require the development of new advanced tools.

This special issue will be a point of reference for researchers and practitioners that want to learn more about the recent advances in decomposition techniques for hard combinatorial optimization problems. We solicit original and high-quality papers presenting the latest improvements in the field.

Topics

The purpose of this issue is to provide a view on state of the art decomposition methods in the field of mathematical optimization. We will consider high-quality manuscripts addressing the development of new theoretical insights, algorithmic approaches and computational studies in the context of exact and heuristic methods based on decomposition techniques.

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

- *Dantzig-Wolfe decomposition
- *Stabilization techniques
- *Row and column generation
- *Column generation
- *Branch-and-price
- *Branch-and-cut-and-price
- *Branch-and-cut
- *Benders decomposition
- *L-shaped method
- *Generalized Benders decomposition
- *Lagrangian decomposition
- *Cross decomposition
- *Decomposition for nonlinear programming
- *Decomposition for robust and stochastic combinatorial optimization
- *Heuristic methods derived from exact methods based on decomposition
- *Applications to challenging real world problems involving some of the above techniques

We strongly encourage participants of the **EURO 2016** conference to submit full versions of their presented papers to this special issue. This Call for Papers is also open to the entire community of academics and practitioners working in the field of mathematical optimization.

Submission

Prospective authors are asked to follow the Annals of Operations Research guide for authors (see <http://www.springer.com/business+%26+management/operations+research/journal/10479>).

Authors should submit a cover letter and a manuscript by **January 31, 2017**, via the Journal's online submission site. Manuscripts submitted after the deadline may not be considered for the special volume and may be transferred to a regular volume.

Please select "**SI Decomposition Methods**" as the article type during the submission process. Submitted papers will undergo a regular review process according to the high standard of Annals of Operations Research.

Important Dates

Paper Submission Open: July 2016
Paper Submission Due: January 31, 2017
Notification of Review Results: July 2017
Revised Manuscript Due: December 2017
Final Decision: no later than October 2018

Journal of Simulation

Special Issue: Call for Papers on Advances in System Dynamics Modelling from the Perspective of other Simulation Methods

Guest Editors:

Martin Kunc, John Morecroft, Sally Brailsford



Deadline for submission: **March 31, 2017**

<http://static.springer.com/sgw/documents/1566221/application/vnd.openxmlformats-officedocument.wordprocessingml.document/Special+Issue+for+Journal+of+Simulation+jm.docx>

System dynamics has a rich history in the area of simulation although a bit distant from other simulation approaches such as Discrete Event Simulation. Recent developments have driven system dynamics modellers closer to other simulation approaches. The objective of the special issue is to provide readers of the Journal of Simulation with a rich overview of current developments in system dynamics. The edited collection will help those who may not have detailed knowledge about system dynamics to appreciate the modelling approach and its contribution. Thus, we are looking for papers that can help to build bridges with other simulation methods.

To address challenges in this area, the scope of this special issue includes, but is not limited to:

*Model conceptualisation:

What are the methods of conceptualisation employed by system dynamics modellers, as illustrated with relevant applications in diverse fields? What is the role of clients? What are the similarities and differences in model conceptualisation between system dynamics and other simulation methods? What are the differences between model conceptualisation at operational, strategic and global levels?

*Model development and testing:

How system dynamics can be integrated with other simulation methods? How other simulation methods can integrate system dynamics models? What are the issues related to data collection for model development? What is the role of big data on model development? What is the role of model reusability in system dynamics? What is the role of statistical methods to obtain model parameters? What are the new trends in software to develop hybrid models illustrated with relevant applications in diverse fields?

*Policy development, experimentation and optimisation:

What are the conceptual differences between policy development, experiment and optimisation in system dynamics models? What are the pros and cons of each approach? What are the methodologies for policy design and performance improvement as illustrated with relevant applications in diverse fields?

*Engagement with users and applications used for teaching:

What are recent experiences on engagement with users to develop policies? What are the impacts of system dynamics models on the behaviour of users beyond the model? How can one measure improvement in mental models after the use of system dynamics models with users and students?

Submission

Papers must be unpublished and must not be submitted for publication elsewhere. Papers should follow the guidelines for authors.

INFOR: Information Systems and Operational Research



Special Issue: Call for Papers on Metaheuristics and their applications

Guest Editors:

Mohamed A Tawhid, Vimal Savsani, Ahmed F Ali

Deadline for submission: **March 31, 2017**

In many real life settings, high quality solutions to hard optimization are required in a short time. Metaheuristics, a class of optimization methods that gained considerable popularity in the last decade, can achieve this goal.

Ever since the publication of the No Free Lunch theorem, a theoretical result proving that the performance of every algorithm over all possible (finite) problems is the same, researchers and practitioners alike have radically changed their view about designing and developing modern search heuristics. In contrast to universally applicable algorithms, problem-specific approaches seem to perform better.

We invite authors to contribute original research as well as review articles on recent advances in the applications of metaheuristics such as Particle swarm, Variable neighborhood search, Simulated annealing, Differential Evolution, Artificial bee colony optimization, Teaching learning based optimization, Cuckoo search, Bat algorithms, Social spider algorithms, Hybridization algorithms, Computational intelligence, and Nature-inspired algorithms, etc.

Potential application areas include, but are not limited to:

- *Machine learning and data mining
- *Scheduling, logistics, transportation and Supply Chain Management
- *Telecommunications
- *Energy systems and smart grids
- *Healthcare operations
- *Bioinformatics and Computational Biology

Submission instructions

Original manuscripts should be prepared according to the authors' preparation guidelines of INFOR and submitted electronically via the Editorial Manager Submission system, along with a cover letter highlighting the contributions of the work.

Please indicate "**special-issue**" in your submission.

Deadlines

Submission: March 31, 2017

Notification of 1st Review: August 30, 2017

Expected Publication: December 31, 2017

Annals of Operations Research



Special Issue: Call for Papers on Recent Advances in Game Theory, Optimization Theory and Applications

Guest Editors:

M. Seetharama Gowda, K C Sivakumar, Usha Mohan, G. Ravindran

Deadline for submission: **March 31, 2017**

The Annals of Operations Research seeks submissions for a special issue on Recent Advances in Game Theory, Optimization Theory and Applications. This issue is to celebrate the seventy fifth birthday of Professor T. Parthasarathy, who has made significant contributions to the areas of game theory and linear complementarity theory.

This is a call for papers that make a significant contribution to game theory and optimization. It is open to all researchers of this area. We would like to encourage, in particular, all participants of the Game Theory and Optimization conference held at IIT Madras in June 2016, to submit both the extended versions of their presented papers and new papers.

The main topics of interest are:

- *Game theory: stochastic games, co-operative and non-cooperative games, evolutionary game theory and applications
- *Linear complementarity problem and Semidefinite linear complementarity problems
- *Optimization: theoretical optimization and algorithms, combinatorial optimization and applications.

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 March 31, 2017, via the Journal's online submission site. Manuscripts submitted after the deadline may not be considered for the special issue and may be transferred to a regular issue.

Please see the Author Instructions on the web site if you have not yet submitted a paper through Springer's web-based system, Editorial Manager. Be sure to note when leaving a comment that your work is intended for the special issue and to select the article type "**S.I.: Game theory and optimization.**"

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

Annals of Operations Research

Special Issue: Call for Papers on Queueing Theory and Network Applications

Guest Editors:

Yutaka Takahashi, Wuyi Yue, Tuan Phung-Duc



Deadline for submission: **March 31, 2017**

<http://rutcor.rutgers.edu/CfP%20Queueing%20Theory%20and%20Network%20Applications.pdf>

This is a call for papers that make a significant contribution to the topic Queueing Theory and Network Applications. It is open to all researchers of this area. We would like to encourage, in particular, all participants of the 11th International Conference on Queueing Theory and Network Applications (QTNA2016) to submit extended versions of their presented papers.

The main topics of interest are:

Queueing Theory and Related Areas

- *Matrix analytic methods
- *Queueing analysis of scheduling policies
- *Tail asymptotic in queueing models
- *Large deviation theory
- *Analysis of multi-class queueing networks
- *Optimization of queueing systems
- *Simulation of queueing models
- *Capacity planning methods
- *Source modelling for multi-media traffic and web-based applications
- *Traffic measurement and data analysis
- *Performance evaluation and simulation tools
- *Queueing analysis in cloud service
- *Queues in healthcare system
- *Queues in cloud computing

Network Applications

- *Internet of Things
- *Software Defined Networking
- *Performance modelling and analysis of telecommunication networks
- *Networks for disaster response and recovery
- *Traffic management and routing
- *Design and system management of communication networks
- *Multimedia based systems design, configuration, and impact
- *Cost benefit analysis and economic impact of telecommunication systems
- *Mobile/wireless and satellite communication systems
- *Traffic models of voice, video, and streaming
- *Simulation and experimental validation of networks
- *Ad-hoc and sensor networks
- *Peer-to-peer communication
- *Autonomic and ambient networks

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 28, 2017 via the Journal's online submission site: <http://www.editorialmanager.com/anor/default.aspx>. Manuscripts submitted after the deadline may not be considered for the special issue.

Please see the Author Instructions on the web site if you have not yet submitted a paper through Springer's web-based system, Editorial Manager. Be sure to note when leaving a comment that your work is intended for the special issue and to select the article type "**Queueing Theory and Network Applications**".

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

Annals of Operations Research

Special Issue: Stochastic Modeling and Optimization - In Memory of András Prékopa

Guest Editors:



Endre Boros, Michael Katehakis, Andrzej Ruszczynski

Deadline for submission: **March 31, 2017**

This special issue is dedicated to the memory of Professor András Prékopa whose recent passing at age 87 is a great loss to the operations research community. Professor Prékopa is a towering figure of our profession, one of the founding fathers of stochastic optimization, who has published over 350 papers and 15 books, and received numerous distinctions, among them the INFORMS President's Award (2014), the Khachiyan Prize (2012), the EURO Gold Medal (2003), as well as numerous state and society distinctions and prizes. He was a full member of the Hungarian Academy of Sciences.

The area of stochastic modeling and optimization has been experiencing rapid development in the last several decades. Experts in probability and statistics, optimization theory, simulation, and stochastic control have collaborated to create new models, new analytical techniques, and new numerical methods, with an associated multitude of applications.

We invite you to submit original research papers, surveys or case studies in all areas of stochastic modeling and optimization.

International Journal of Computational Intelligence Systems



Special Issue: Call for Papers on Interdisciplinary Research of Network Science and Computational Intelligence

Guest Editors:

Wenbo Du, Raymond Chiong, Gang Yan, Yongxiang Xia

Deadline for submission: **April 1, 2017**

This special issue of the International Journal of Computational Intelligence Systems (IJCIS) aims to explore the growing intersection between network science and computational intelligence (NSCI), which has triggered a series of new ideas and methods and has drawn special attention from diverse communities. We are soliciting papers that present the latest advances in this interdisciplinary field from two aspects: (1) using network science to analyze and improve the performance of computational intelligence algorithms; (2) using computational intelligence to solve real-world problems of network systems. Researchers with different backgrounds are invited to report their most recent progresses, and papers for this Special Issue must make significant new contributions to the existing literature.

Potential topics include, but are not limited to:

- *Evolutionary dynamics on complex networks
- *Network science and problem difficulty prediction
- *Complex networks and fitness landscape analysis
- *Evolutionary algorithms with networked populations
- *Community detection using computational intelligence
- *Neural networks and learning systems
- *Optimal design of critical infrastructure networks
- *Computational intelligence for transportation/ communication/logistics/manufacturing networks
- *Computational intelligence for power grid networks
- *Network design using computational intelligence
- *Network robustness using computational intelligence

Submission Guidelines

Papers should be submitted via e-mail: wenbodu@buaa.edu.cn. They should be accompanied by a cover letter that clearly states that the submission is for the Special Issue on "**Network science and Computational Intelligence (NSCI)**".

All submitted papers should be in English and each paper should not be more than 8 pages. Submitted papers should also be formatted according to the IJCIS journal style. For more detailed information concerning the requirements for submission, please refer to the journal homepage at: <http://www.atlantis-press.com/publications/ijcis/>

Publishing and Fees

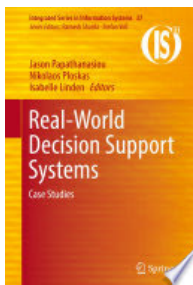
The accepted papers will appear in the IJCIS as a Special Issue to be published as an e-supplement to the journal. The Special Issue is to be published in volume 10 of IJCIS (2017). The final and accepted papers should be with the Publisher by 4th quarter 2017. Papers will be published as Open Access articles so that they are immediately available for free for any interested reader. For having an article published as an Open Access article, a processing fee is required. A number of papers highly recommended by the guest editors will be entitled to a discount.

Important Dates

*Paper submission due date: Apr. 01, 2017

- *1st round review notification: Jun. 01, 2017
- *1st revision due: Jun. 30, 2017
- *2nd round review notification: Jul. 01, 2017
- *2nd revision due: Jul. 15, 2017
- *Final acceptance: Jul. 31, 2017
- *Publication (tentative): 4th quarter, 2017

Real-World Decision Support Systems, Case Studies



Editors:
Jason Papathanasiou, Nikolaos Ploskas, Isabelle Linden

Springer, Integrated Series in Information Systems, vol 37

ISBN 978-3-319-43916-7

<http://www.springer.com/gp/book/9783319439150#otherversion=9783319439167>



Competitions, Prizes and Awards

EWG SSC, EURO working group on Sustainable Supply Chains

PhD Thesis Award on Sustainable Supply Chains



The EURO Working Group on Sustainable Supply Chains is announcing the call for nominations for the best PhD thesis in the field of "Sustainable Supply Chains". The PhD thesis should be predominantly on applications of operational research techniques in the field of Sustainable Supply Chains. The thesis must have been examined and approved by a European university between January 1, 2015 and December 31, 2016.

Application

Candidates must submit an application via email to the EWG on Sustainable Supply Chains (SustainableSC@om.rwth-aachen.de) by the deadline of the competition (**January 31, 2017**) containing the following information:

- *An executive summary of the PhD thesis highlighting the relevance of the work for the topics of the EWG-SustSC of not more than 1,000 words,
- *an electronic copy of the PhD Thesis,
- *a letter from their main PhD supervisor recommending the candidate for consideration for this award and confirming that the candidate meets the criteria for eligibility for the competition, and
- *a certificate of the university confirming the final approval of the thesis.

Deadlines

Examination and acceptance of PhD Thesis in order to apply for the award: Between January 1, 2015 and December 31, 2016

Application deadline: **January 31, 2017**

Notification of the decision of the award committee: On or before March 31, 2017

Award Committee

The Board of the EWG on Sustainable Supply Chains decides the winner based on a recommendation by the PhD Thesis Award Committee, and the decision cannot be challenged.

- *Erwin van der Laan, Erasmus University, Rotterdam School of Management (chair)
- *Martin Grunow, Technical University of Munich, TUM School of Management
- *Ana Paula Ferreira Dias Barbosa Póvoa, Technical University of Lisbon, Instituto Superior Técnico

VeRoLog Doctoral Dissertation Prize

The VeRoLog Doctoral Dissertation Prize (VeRoLog DDP) is issued by the EURO working group on Vehicle Routing and Logistics optimization (VeRoLog) and is awarded at each VeRoLog annual conference. The purpose of the prize is to distinguish an outstanding PhD thesis on Operational Research methods applied to the Vehicle Routing and Logistics Optimization. It will be awarded for the fifth time at the VeRoLog 2017 conference in Amsterdam, The Netherlands, July 10-12, 2017.



Eligibility of applications

The VeRoLog DDP 2017 jury will only consider PhD theses in Operational Research defended between 1 January 2016 and 31 December 2016 (the deadline for the present edition). Nominations are NOT restricted to members of societies that belong to EURO.

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

- * The text of the dissertation
- * An extended abstract (up to 5 pages) of the dissertation, written in English
- * If the dissertation is not written in English, a paper in English authored (or co-authored) by the author of the dissertation and describing the core ideas of the thesis. This paper should preferably have been published in or submitted to an international journal
- * Nomination letters from two referees selected by the thesis supervisor, supporting the submission and stating their assessment of why the thesis should win the award
- * An up-to-date CV of the candidate, including a list of publications. No nomination will be considered without these items.

All information should be sent in electronic form to the chair of the jury, Geir Hasle geir.hasle@sintef.no using a compressed format (e.g. zip).

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

Jury

The jury consists of:

- * Geir Hasle, SINTEF, Norway (chair)
- * M. Grazia Speranza, University of Brescia, Italy
- * Wout Dullaert, Vrije Universiteit Amsterdam, The Netherlands.

Selection process

The members of the jury will study each application in detail and evaluate the applications considering the following points:

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

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

Award

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

Deadlines

The deadline for submitting applications is **February 5, 2017**.

Contact

Geir Hasle, SINTEF P. O. Box 124 Blindern, 0314 Oslo, Norway geir.hasle@sintef.no Tel: +4793058703

3rd Competition on the Optimisation of Problems with Multiple Interdependent Components

<http://cs.adelaide.edu.au/~optlog/TTP2017Comp/>

Motivation

Real-world optimization problems often consist of several NP-hard combinatorial optimization problems that interact with each other. Such multi-component optimization problems are difficult to solve not only because of the contained hard optimization problems, but in particular, because of the interdependencies between the different components. Interdependence complicates a decision making by forcing each sub-problem to influence the quality and feasibility of solutions of the other sub-problems. This influence might be even stronger when one sub-problem changes the data used by another one through a solution construction process. Examples of multi-component problems are vehicle routing problems under loading constraints, the maximizing material utilization while respecting a production schedule, and the relocation of containers in a port while minimizing idle times of ships.

The goal of this competition is to provide a platform for researchers in computational intelligence working on multi-component optimization problems. The main focus of this competition is on the combination of TSP and Knapsack problems. However, we plan to extend this competition format to more complex combinations of problems (that have typically been dealt with individually in the past decades) in the upcoming years.

Some related work (including approximate approaches, instance analyses, and code) can be found at the University of Adelaide's TTP Project Page (<http://cs.adelaide.edu.au/~optlog/research/ttp.php>).

All 9720 instances are available for researchers to experiment with:

http://cs.adelaide.edu.au/~optlog/CEC2014COMP_InstancesNew/. In order to encourage researchers during the weeks before the submission deadline, we invite you to submit solutions for the sample instances - the system to do

this will be setup soon. If you are interested in an access ID, please contact Kelly (wanru.gao@adelaide.edu.au). These results will be displayed online (without a reference to the authors) and then will serve as performance indications for other researchers.

Tracks

Track 1: The original TTP formulation is used, as defined in the documents above.

Track 2: A relaxed TTP formulation is used, in which not all cities need to be visited, and more than one thief can be used (Shelvin Chand, Markus Wagner: Fast Heuristics for the Multiple Traveling Thieves Problem. Genetic and Evolutionary Computation Conference 2016).

In both tracks, the same 9720 instances will be used.

Individuals and teams can make one competition submission per track.

Evaluation

In contrast to previous years, we will not run the code, and we also do not impose any resource limits. The participants will send us the solutions (one solution per instance) in the pre-defined format. This relaxation has the advantage that researchers are no longer bounded by the established "10 minutes of 1 CPU core", opening up the research on multi-component problems to new approaches.

Prize

Markus Wagner provides AUD 1000 in cash. Additional sponsors are being sought right now.

Conference Participation

We encourage the entrants to write papers on their methods and to submit those to an relevant conference. Examples include, among other, CEC 2017, SEA 2017, GECCO 2017, ... (please do not submit the same research several times in parallel, of course)

While we do not require this, we strongly encourage the participants to register for a conference due to the advantages.

Important Dates

1 May 2017 (anywhere on Earth): submission deadline

Upcoming Conferences

Event Date	Event	Location	Submission Deadline
13th-14th January 2017	9th International Conference on Economics and Management	Warsaw, Poland	30th December 2016
15th-17th January 2017	2017 INFORMS Computing Society Conference	Austin, USA	1st July 2016
15th-20th January 2017	Winter School on Optimization and Operations Research	Zinal, Switzerland	15th December 2016
15th-21st January 2017	International Winter School in Stochastic programming with applications in energy, logistics and finance	Passo del Tonale, Italy	
16th-20th January 2017	6th Edition of Winter School on Network Optimization (netopt2017)	Estoril, Portugal	31st October 2016
2nd-3rd February 2017	ORBEL31	Brussels, Belgium	21st December 2016
4th or 5th February 2017	AAAI-17 Workshop on AI and OR for Social Good (AIORSocGood-17)	San Francisco, USA	4th November 2016
10th February 2017	1-day symposium on "Combinatorial Optimization and Applications"	Edinburgh, UK	9th December 2016
14th-23rd February 2017	2017 EURO Winter Institute on "Methods and Models in Transportation Problems". (2017 WI- EWGT)	Bressanone, Italy	15th October 2016
16th-17th February 2017	1st AIROYoung workshop	Rome, Italy	15th January 2017

22nd-24th February 2017	ROADEF 2017	Metz, France	28th November 2016
24th February- 7th March 2017	ELAVIO 2017	Buenos Aires and Miramar, Argentina	10th November 2016
26th-28th February 2017	8th International Network Optimization Conference (INOC2017)	Lisbon, Portugal	22nd November 2017
11th-12th March 2017	9th International Finance Conference. IFC 9	Paris, France	30th December 2016
19th-22nd March 2017	EMO 2017 (9th International Conference on Evolutionary Multi- Criterion Optimization)	Münster, Germany	17th October 2016
25th-27th March 2017	2017 International Conference on Intelligent Systems, Metaheuristics & Swarm Intelligence (ISMSI 2017)	Hong Kong	30th December 2016
2nd-4th April 2017	7th International Workshop on Multiple Criteria Decision Making' 17	Ustroń, Poland	15th January 2017
2nd-4th April 2017	Analytics 2017. INFORMS 2017 Business Analytics Conference	Las Vegas, USA	15th January 2017
4th-6th April 2017	UK OR Society Young to OR 20 Conference	London, UK	20th January 2017
5th-7th April 2017	7th ICOROR RailLille 2017	Lille, France	1st August 2016
11th-13th April 2017	7th International Conference on Industrial Engineering and Operations Management	Rabat, Morocco	15th November 2016
20th-21st April 2017	IMA and OR Society Conference on Mathematics of Operational Research	Birmingham, UK	30th December 2016
3rd-5th May 2017	14th ESICUP Meeting	Liège, Belgium	10th February 2017
3rd-6th May 2017	Joint EURO/ORSC/ECCO International Conference 2017 on Combinatorial Optimization (ECCO XXX)	Koper, Slovenia	1st March 2017
5th-13th May 2017	4th Erice Summer School on Graph Theory, Algorithms and Applications	Sicily, Italy	28th February 2017
11th-12th May 2017	2nd International Conference on Sport Economics & Sport Management (SESM)	Berlin, Germany	31st December 2016
21st-22nd May 2017	The Annual Meeting of ORSIS - the Operations Research Society of Israel	Bar-Ilan, Israel	20th March 2017
22nd-27th May 2017	Constructive Nonsmooth Analysis and Related Topics	St. Petersburg, Russia	15th February 2017
26th-28th May 2017	10th International Conference on Algorithms and Complexity (CIAC)	Athens, Greece	11th November 2016
29th-31st May 2017	ICDSST 2017 EWG-DSS 2017 International Conference on Decision Support System Technology	Namur, Belgium	15th December 2016
5th-8th June 2017	CPAIOR 2017 (14th International Conference on Integration of Artificial Intelligence and Operations Research Techniques in Constraint Programming)	Padova, Italy	16th November 2016

6th-8th June 2017	CTW 2017 (15th Cologne-Twente Workshop on Graphs and Combinatorial Optimization)	Cologne, Germany	17th February 2017
12th-15th June 2017	EWEPA (15th European Workshop on Efficiency and Productivity Analysis)	London, UK	1st February 2017
12th-16th June 2017	SUMMER SCHOOL ATOM 2017 on Application and Theory in MultiObjective Optimization	Lille / Villeneuve d'Ascq, France	30th April 2017
12th-16th June 2017	MAPSP 2017 (13th Workshop on Models and Algorithms for Planning and Scheduling Problems)	Seeon-Seebrück, Germany	28th January 2017
18th-23rd June 2017	ICAPS 2017 (27th International Conference on Automated Planning and Scheduling)	Pittsburgh, USA	18th November 2016
19th-21st June 2017	LION11, the 11th Learning and Intelligent Optimization Conference	Nizhny Novgorod, Russia	25th December 2016
19th-22nd June 2017	Workshop in Mixed Integer Programming (MIP 2017)	Québec, Canada	1st March 2017
26th-28th June 2017	IPCO XIX	Ontario, Canada	20th November 2016
26th-28th June 2017	MathSport International 2017 (6th International Conference on Mathematics in Sport)	Padua, Italy	30th January 2016
26th-29th June 2017	15th International Conference on Data Envelopment Analysis. DEA2017	Prague, Czech Republic	31st January 2017
27th-29th June 2017	POMS international conference in Israel	Tel-Aviv, Israel	1st March 2017
28th-30th June 2017	The XVIII Congress of the Portuguese Association of Operational Research (IO 2017)	Valença, Portugal	9th April 2017
29th-30th June 2017	EURO HOpe Mini-Conference	Vienna, Austria	28th March 2017
4th-7th July 2017	Metaheuristics International Conference (MIC 2017)	Barcelona, Spain	23rd January 2017
7th-10th July 2017	Data Envelopment Analysis International Conference	Hefei, China	31st March 2017
9th-14th July 2017	ISOLDE (International Symposium on Locational Decisions) XIV	Toronto, Canada	1st February 2017
10th-12th July 2017	VeRoLoq 2017	Amsterdam, The Netherlands	28th February 2017
10th-14th July 2017	MCDM 2017 (24th International Conference on Multiple Criteria Decision Making)	Ottawa, Canada	1st February 2017
12th-14th July 2017	EUROPT 2017	Montréal, Canada	15th March 2017
13th-14th July 2017	ICORD 2017	Québec, Canada	30th March 2017
17th-21st July	IFORS 2017	Québec,	10th February

2017		Canada	2017
17th-21st July 2017	28th International Workshop on Combinatorial Algorithms (IWOCA 2017)	Newcastle, Australia	15th March 2017
26th-28th July 2017	INFORMS Healthcare Conference	Rotterdam, The Netherlands	27th February 2017
26th-29th July 2017	INFORMS Transportation and Logistics Society. First Triennial Conference	Chicago, USA	5th January 2017
30th July - 4th August 2017	ORAHs 2017	Bath, UK	28th April 2017
14th-18th August 2017	Group Decision and Negotiation International Conference (GDN 2017)	Stuttgart, Germany	15th January 2017
23rd-26th August 2017	7th International Conference on Logistics and Maritime Systems	Bergen, Norway	30th January 2017
28th August-1st September 2017	Eurocomb 2017 (European Conference on Combinatorics, Graph Theory and Applications)	Vienna, Austria	15th March 2017
29th August-1st September 2017	CP 2017 (International Conference on Principles and Practice of Constraint Programming)	Melbourne, Australia	
4th-6th September 2017	20th EURO Working Group on Transportation Meeting (EWGT)	Budapest, Hungary	15th December 2016
4th-7th September 2017	ODS2017 - International Conference on Optimization and Decision Science, XLVII annual meeting organized by Italian OR Society (AIRO)	Sorrento, Italy	3rd March 2017
4th-7th September 2017	10th International Workshop on Computational Optimization (WCO17)	Prague, Czech Republic	10th May 2017
6th-8th September 2017	IV Workshop on Optimization Under Uncertainty in Sustainable Agriculture and Agrifood Industry	Lleida, Spain	7th August 2017
6th-8th September 2017	OR 2017 International Annual Meeting of the German OR Society (GOR)	Berlin, Germany	30th April 2017
6th-8th September 2017	Optimization 2017	Lisbon, Portugal	15th May 2017
11th-15th September 2017	Lagos 2017 (IX Latin and American Algorithms, Graphs and Optimization Symposium)	Marseille, France	10th March 2017
12th-14th September 2017	UK OR Society OR59 Annual Conference	Loughborough UK	
14th-17th September 2017	3rd Int. Workshop on Machine learning, Optimization & big Data - MOD 2017	Tuscany, Italy	28th February 2017
20th-22nd September 2017	European Conference on Stochastic Optimization	Rome, Italy	30th April 2017
27th-29th September 2017	SOR '17 The 14th International Symposium on Operations Research in Slovenia	Bled, Slovenia	7th June 2017
25th-27th October 2017	ADT 2017 -- 5th International Conference on Algorithmic Decision Theory	Luxembourg	2nd April 2017

Contact Us

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