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The Association of European Operational Research Societies

EURO Newsletter # 28
June 05, 2015

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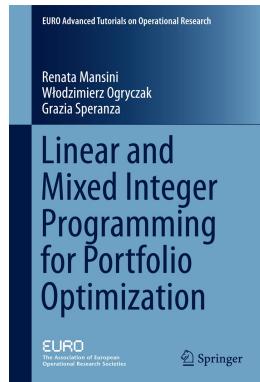
Upcoming Conferences

Special Announcements

EURO Advanced Tutorials on Operational Research

EURO

The Association of European
Operational Research Societies



First Issue Published: Linear and Mixed Integer Programming for Portfolio Optimization

Authors:

Renata Mansini, Włodzimierz Ogryczak, Grazia Speranza

<http://www.springer.com/qb/book/9783319184814>

This book presents solutions to the general problem of single period portfolio optimization. It introduces different linear models, arising from different performance measures, and the mixed integer linear models resulting from the introduction of real features. Other linear models, such as models for portfolio rebalancing and index tracking, are also covered. The book discusses computational issues and provides a theoretical framework, including the concepts of risk-averse preferences, stochastic dominance and coherent risk measures. The material is presented in a style that requires no background in finance or in portfolio optimization; some experience in linear and mixed integer models, however, is required. The book is thoroughly didactic, supplementing the concepts with comments and illustrative examples.

The EURO Advanced Tutorials on Operational Research are a series of short books devoted to an advanced topic - a topic that is not treated in depth in available textbooks. The series covers comprehensively all aspects of Operations Research. The scope of a Tutorial is to provide an understanding of an advanced topic to young researchers, such as PhD students or Post-docs, but also to senior researchers and practitioners. Tutorials may be used as textbooks in graduate courses.

European Study on OR/MS Education

Significant improvements in OR/MS Education have appeared in the last few years, but further developments and applications are still needed. In particular, the key factors related to OR/MS programs in higher education (HE) should be outlined. Considering the international cooperation context, fellow partners from some European institutions are combining efforts in this study on OR/MS Education.



The main purpose of this study is to contribute to an overview of good practices in OR/MS education at European level. A kick-off survey aims to learn from the most recent developments in the enrolment of students, the reduction in 1st year students' failure rates and the promotion of continuity, the value of OR/MS courses as perceived within HE programs, and the transition of graduates onto the Labour Market.

This survey is directed at HE boards, deans and school directors, OR/MS program coordinators, course developers, professors, researchers, and other OR/MS professionals, and it is carried out with the collaboration of several European organizations and OR/MS national associations.

The main survey results are to be presented during OR/MS meetings, at national or European level, in concordance with the collaborating institutions and the OR/MS national societies. In addition, interviews or further questionnaires may be considered to clarify specific issues or topics as and when they arise.

Thanks to the support of Springer-Verlag, 60 randomly chosen respondents will receive an electronic copy of the book from the series **EURO Advanced Tutorials on Operational Research: Linear and Mixed Integer Programming for Portfolio Optimization. Authors: Mansini, Renata, Ogryczak, Włodzimierz, Speranza, Grazia**

Completion of the survey should take no more than 10 minutes.

The survey will be open until **30-September-2015** through the EU's survey portal:

<https://ec.europa.eu/eusurvey/runner/ORMSEducation>



EURO Award Finalists
27th European Conference on
Operational Research
Glasgow, UK, July 12-15, 2015

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<http://www.euro2015.org/>

Congratulations to the finalists of the 2015 EURO Awards. Finalists will present their work in special sessions during the EURO conference in Glasgow and the awards will be presented to the winners in the closing ceremony.

EURO Doctoral Dissertation Award (EDDA 2015)

The purpose of the EURO Doctoral Dissertation Award is to distinguish an outstanding PhD thesis in Operational Research, defended in a country which has an OR society that is member of EURO.

2015 Finalists:

- ***Luis Cadarso Morga**: Robustness and Recoverability in Transport Logistics
- ***Joachim Arts**: Spare Parts Planning and Control for Maintenance Operations
- ***Timo Berthold**: From Structures to Heuristics to Global Solvers
- ***Arnoud den Boer**: Dynamic Pricing and Learning

EURO Excellence in Practice Award (EEPA 2015)

The EURO Excellence in Practice award, sponsored by IBM, is for the best submission and presentation describing an application of Operational Research in practice.

2015 Finalists:

- ***Ibrahim H. Osman, Abdel Latef Anouze, Zahir Irani, Baydaa Al-Ayoubi, Habin Lee, Asim Balci, Tunç D. Medeni, Vishanth Weerakkody**: A Novel Analytic Framework for Sustainable Development of Electronic Government Services from Stakeholders' Perspectives
- ***Willem van Jaarsveld, Twan Dollevoet, Rommert Dekker**: Spare Parts Inventory Control for an Aircraft Component Repair Shop
- ***Jesse O'Hanley**: Let a River Run through It: Optimising River Connectivity Restoration
- ***Z. Caner Taskin, Semra Ağralı, A. Tamer Ünal, Vahdet Belada, Filiz Gökten-Yılmaz**: Mathematical Programming-Based Sales and Operations Planning at Vestel Electronics
- ***Simon Martin**: Strategic Airport Capacity Management
- ***Patrik Flisberg, Mikael Rönnqvist, Gunnar Svenson**: Calibrated Route Finder - for Improved Transport Efficiency

Conferences and Meetings

EURO Working Group Meeting
Workshop on Optimization under Uncertainty in
Sustainable Agriculture and Agrifood Industry
Lleida, Spain, 27-29 July, 2015

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Operational Research Societies

www.orafm.org/workshop2015

The purpose of the Workshop is to bring together researchers in the area of optimization under uncertainty and specific areas of application like Sustainable Supply Chains, Agriculture and Agrifood Industry.

The Workshop is co-organised and supported by the **EURO Working Group on Operations Research in Agriculture and Forest Management (EWGORAFM)**, the **EURO working Group on Stochastic Programming (EWGSP)**, and the **EURO Working Group on Sustainable Supply Chains (EWGSSC)**.

Members of the Working Groups are expected to participate and to encourage the participation of other professionals interested in these topics, so that further collaboration can be promoted on a larger scale.

Proposals for panels or demo presentations in special sessions are very welcome.

For any further information about the workshop please visit www.orafm.org/workshop2015

Organizational issues

Abstracts: max. 600 characters
(no formulas or mathematical notations are allowed).

Link for abstract submission:

<http://orafm.udl.es/workshop2015/?q=node/8>

Submission of abstracts, deadline extended: **15/06/2015**

Acceptance of abstracts: 20/06/2015

Early registration Deadline: 20/06/2015

Conference date: July 27-29, 2015

We thank you in advance for your interest.

We look forward to seeing you in Lleida

The OR Society

YoungOR 19 Biennial Conference

Birmingham, UK, September 22-24, 2015



<https://www.theorsociety.com/Pages/Conferences/YOR19/YOR19.aspx>

YoungOR 19 is the conference for those whose Operational Research (O.R.) careers are less than ten years in duration.

This 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 2013 there were 18 streams with approximately 100 papers covering topics including analytics, consultancy, disaster management, manufacturing, to name but a few and including tutorials on MCDA and various workshops.

If you'd like to put your mark on YoungOR 19 and run a stream or sponsor or exhibit, please contact our Conference Chair, Vicky Forman, at vicky.forman@llamasoft.com or Hilary Wilkes at hilary.wilkes@theorsociety.com

Deadline for submission of titles and abstracts **12th June 2015**.

13th International Symposium on Operations Research in Slovenia



SOR '15

Bled, Slovenia, September 23-25, 2015



<http://sor15.fov.uni-mb.si/>

OBJECTIVES

The 13th International Symposium on Operations Research in Slovenia (SOR '15) will be held in Bled, Slovenia, September 23-25, 2015. The professional objectives of the international symposium are to provide a forum for international and national exchange of ideas on various aspects of OR and related fields.

SPECIAL SESSIONS

- *Qualitative MCDM
- *Inventory Research
- *Metaheuristic Optimization
- *Big Data

DEADLINES

Submission of contributed papers: **June 14, 2015**

Referee's reports: July 5, 2015

Submission of revised papers and copies of bank transfer: August 25, 2015

Should you need assistance, or you have any questions about the SOR, please free to contact sor15@fov.unimb.si.

EuroScience Open Forum (ESOF) Manchester, UK, July 22-27, 2015

<http://www.esof.eu/>

The EuroScience Open Forum (ESOF) has developed into the largest general science meeting in Europe where scientists meet scientists, policy makers, media specialists, business leaders and the wider community. The home of ESOF 2016 is Manchester, UK - the city where Marx met Engels and Rolls met Royce. Similarly ESOF 2016 will be a meeting of minds, bringing together many of the world's foremost scientific thinkers, innovators and scholars from 22 -27 July 2016.

2016 is a special year for science in Manchester, coinciding with the 250th anniversary of the birth of John Dalton - the father of atomic theory. ESOF will be the culmination of an 18 month celebration of science in the city.

At this point, the Programme Committee is seeking session proposals to populate the science programme. Playing on Manchester's unique history as the birthplace of the Industrial Revolution, the overarching theme for the event has been announced as 'science as revolution'. As such ESOF 2016 will be an opportunity to discuss the socio-cultural and economic implications and impacts of scientific revolutions from regional, national, European and global perspectives.

The call for proposals is now open until **15th June 2015**. Submissions for science-based seminars, workshops and debates on the latest research and policy issues are warmly welcomed. This is an open invitation to individuals and organisations alike and it is hoped that the call will inspire the foremost thinkers and researchers from across the global scientific community to take a unique look to share with us how science and technology has the potential to transform all our lives.

International Symposium on Energy System Optimization (ISESO 2015) Heidelberg, Germany, November 9-10, 2015

www.iseso.org

Scope

The energy sector continues to undergo substantial changes. The ongoing transformation of the power generation system with an emphasis on decentralized renewable energy sources (RES), low-carbon generation and the diffusion of smart grid technologies brings about new challenges. The rapid expansion of RES requires a structural rearrangement of the power system in order to maintain the current level of supply security in future.

The power grid plays a key role in this context. While today's power grid infrastructure has been designed for centralized and controllable power production in conventional power plants, the RES expansion leads to an increasingly uncertain, volatile and decentralized power generation. Therefore, methods are needed which ensure a dependable operation of existing power grids in the light of these developments. Moreover, methods are needed to support power grid expansion planning and to design robust future power grids, both on a regional scale supporting microgrid design and on a global scale supporting national and continental transmission grid planning.

It is a central challenge to provide efficient optimization methods, including an accurate consideration of non-linear and non-convex AC power flow constraints. Knowledge and methods from different disciplines, such as mathematics, economics and electrical engineering, must be brought together to support power systems planning, ensuring an affordable, secure and environmentally friendly power supply. ISESO 2015 therefore seeks to foster interdisciplinary discussions and especially welcomes submissions with an integrative perspective.

Keynotes

The symposium will offer a mix of Keynote presentations and submitted papers with ample time for discussion and reflection. It is a pleasure for us to announce the following confirmed Keynote presentations:

*Professor Claudio Cañizares, Ph.D., University of Waterloo: "Energy Management Systems for Microgrids"

*Professor Shmuel S. Oren, Ph.D., University of California at Berkeley: "Smart Markets for a Smart Grid"

Abstract Submission

We welcome submission of abstracts of up to 400 words by email to iseso@h-its.org. The abstract should contain all relevant elements of your presentation/paper, including conclusions. Please use mathematical notation sparingly. Abstracts will be accepted in either Latex or Word.

Post-Symposium Proceedings in Springer

All participants whose abstract is accepted are invited to submit papers of up to 8 pages for publication in the post-symposium proceedings. The proceedings will be published by Springer as "Advances in Energy System Optimization". Papers will be accepted in Latex format only. A template will be provided on the symposium website (www.iseso.org).

Important Dates

*Abstract submission:	June 15th 2015
*Notification of acceptance:	June 30th 2015
*Paper submission:	August 31st 2015
*Final paper submission and author's registration:	September 30th 2015
*Registration deadline for all other participants:	October 31st 2015
*Symposium date:	November 9th-10th 2015

Publications

European Journal of Operational Research (EJOR)



Special Issue: Call for Papers on Recent Advances in Exact Methods for Multi-Objective Optimisation

Guest Editors:

Matthias Ehrgott, Ivana Ljubic, Sophie N. Parragh

Deadline for submission: **July 1, 2015**

Motivation

The development of exact methods for multi-objective optimisation (MOO) is experiencing renewed interest in the OR community as witnessed by the growing body of research emerging in that domain. Recent advances in the development of nonlinear, linear and mixed-integer programming solvers push the boundaries towards more challenging areas (including, e.g. global, bi-level and uncertain optimisation problems). Hence solving to optimality larger, more difficult real-world problems involving several conflicting objectives has been put within reach. Also, researchers previously working in single-objective optimisation are increasingly contributing to the fast progress of the development of exact multi-objective optimisation algorithms. In this featured cluster we solicit original and high-quality papers presenting the latest research in the field of exact algorithms for multi-objective mixed integer, linear and non-linear programming, exact methods for MOO under uncertainty, as well as heuristics derived from exact methods for MOO.

Contents

The purpose of this featured cluster is to increase the visibility of exact methods for MOO and to motivate a broader group of researchers to contribute to the field. We will consider high-quality manuscripts addressing the development of new theoretical insights, algorithmic approaches and computational studies in the context of exact methods for MOO.

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

- *multi-objective branch-and-bound algorithms
- *multi-objective branch-and-cut algorithms
- *column generation and branch-and-price algorithms for MOO
- *mixed-integer (non)-linear MOO
- *stochastic MOO
- *robust MOO
- *continuous non-linear MOO
- *objective space algorithms
- *heuristic methods derived from exact methods for MOO
- *complexity analysis and worst case behaviour of MOO algorithms

Although we strongly encourage the submission of papers presented at the workshop "Recent Advances in Multi-Objective Optimization" (moo.univie.ac.at), this Call for Papers is open to the entire community of academics and practitioners working in the field of multi-objective optimisation.

Submission

Prospective authors are asked to follow the EJOR guide for authors and submit their papers from April 1, 2015 via the EES (<http://ees.elsevier.com/ejor>). Please select "Feat.Cluster Exact MOO" as the "Article Type" during the submission process. Submitted papers will undergo a regular review process according to the high standard of EJOR.

Important Dates

Paper Submission Open: April 1, 2015
 Paper Submission Due: **July 1, 2015**
 Notification of Review Results: October 31, 2015
 Revised Manuscript Due: January 15, 2016
 Final Decision: March 15, 2016

Optimization: A Journal of Mathematical Programming and Operations Research



Special Issue: Call for Papers on Making an Impact with Optimization

Guest Editors:

Kerem Akartunali, Marco Laumanns, Gerhard-Wilhelm Weber

Deadline for submission: **October 31, 2015**

On the occasion of the 27th European Conference on Operational Research, **EURO XXVII**, which takes place on July 12-15, 2015, in Glasgow, the journal Optimization invites you to submit high quality original research papers to a special issue on Optimization models and techniques for making an impact, corresponding to a major theme of EURO XXVII.

The special issue focuses primarily on papers developing new optimization models, modeling features and/or solution techniques that were driven by the need of a particular application, as well as showing the impact these models and algorithms had for the application.

Techniques can be drawn from all areas of optimization, including:

- *linear programming
- *semidefinite and conic programming
- *semi-infinite programming
- *stochastic programming
- *global optimization
- *nonlinear and nonsmooth optimization
- *multiobjective optimization
- *robust optimization
- *integer and mixed-integer programming
- *mixed-integer non-linear programming
- *game theory
- *dynamic optimization and stochastic control

In order to publish in Optimization, a strong theoretical contribution of the submitted paper is required.

Optimization is abstracted and indexed in the following databases: Astrophysics Data System, SciBase, British Library Inside, Cambridge Scientific Abstracts, EBSCO Databases, ISI Current Contents, Physical, Chemical and Earth Sciences, Mathematical Reviews/MathSciNet, New Jour, Science Citation Index Expanded, Zentralblatt MATH/Mathematics Abstracts and Zetoc.

Submission Instructions

Participants of EURO XXVII are cordially invited to submit high quality original research papers. Please note that only contributions of registered participants can be accepted. The format of manuscripts for Optimization as well as guidelines and templates can be found on the journal's webpage. Each manuscript has to be submitted via the online submission system: <http://mc.manuscriptcentral.com/gopt>. Detailed instructions are provided during the submission process.

During the submission process authors have to answer the question 'Is the manuscript a candidate for a special issue?' Please tick 'yes' and select EURO 2015 from the list.

Editorial information

Kerem Akartunali, University of Strathclyde, UK (kerem.akartunali@strath.ac.uk)

Marco Laumanns, IBM Research, Switzerland (mlm@zurich.ibm.com)

Gerhard-Wilhelm Weber, Middle East Technical University, Turkey (gweber@metu.edu)

Please check the following page for call details and updates:

<http://explore.tandfonline.com/cfp/est/gopt-special-issue-making-an-impact-with-optimization>

Journal of Revenue and Pricing Management

Special Issue: Call for Papers on Robust Revenue Management



Guest Editors:
Catherine Cleophas

Deadline for submission: **June 16, 2015**

In 2016, a special issue of the Journal of Revenue & Pricing Management will publish a series of papers on Robust Revenue Management.

The research challenge motivating this call for papers is threefold: 1. Research is needed to identify sources of uncertainty in revenue management beyond demand. 2. The short- and long-term impacts of uncertainty depending on the applied revenue management concept have to be quantified. 3. Making revenue management more robust calls for new forecast and optimization algorithms as well as process designs.

In considering robust approaches to revenue management, authors should explore solutions that reduce uncertainty as well as those that strive to make the best of uncertain outcomes through increased flexibility. Contributors are also particularly encouraged to consider the implications of designing robust revenue management concepts and information flows with a view toward human decision makers and behavioral operations research.

Find the call for papers here: <http://www.palgrave-journals.com/rpm/>

Deadline for submissions is 16 June 2015. Papers should be submitted by email to catherine.cleophas@rwth-aachen.de.

Computers and Operations Research



Special Issue: Call for Papers on Metaheuristics for Control Algorithms of Robotic Systems

Guest Editors:
Boubaker Daachi, Patrick Siarry

Deadline for submission: **September 30, 2015**

Metaheuristics have become more and more useful to resolve a large variety of optimization problems. Indeed, we can find the use of these techniques in many fields such as image processing, routing problems or robotics. The reason is that the formulation of many problems has become very complex and we need to take into account a lot of constraints. Intelligent robotic systems, irrespective of their type - mobile robots, manipulator robots, wearable robots or humanoid robots - have become faster and accurate in task execution. In most cases, the exact dynamical model cannot be determined by the use of the classical techniques of modelling. Furthermore, when the considered robotic system has no constant dynamics, it is necessary to provide a solution to overcome that situation and guarantee satisfactory performances relative to a given task execution. Metaheuristics constitute a good solution to maintain the dynamics used in the control algorithm design as close as possible to the real dynamics of the system. The objective function is chosen based on the performances we seek through the use of each considered robotic system. Moreover, these optimization tools can be used for motion planning or to design robust control algorithms without recourse to any knowledge about the system dynamics. Such kind of situations concerns, for example, the exoskeletons that can be worn by human subjects having different morphologies.

By the choice of operations research techniques, this special issue deals with the methodology for determining viable solutions to problems related to the safety and the health of humans by the design of intelligent systems well controlled. The kind of papers we seek must contain original research results. They should demonstrate constructive algorithmic complexity and extensive numerical experiments having an important scientific value compared to other techniques. Furthermore, all proposed research works should represent a novel and significant contribution with respect to the relevant literature. Through this proposal, we intend to organize a special session on the field of robot control by using metaheuristics, which include significant results from theory and practice. The goal of this special issue is to provide a premier forum for researchers to present their recent research results. It offers an important opportunity for multidisciplinary work.

Topics of interest include, but are not limited to:

- *Particle Swarm Optimization (PSO) based adaptive/robust control algorithms
- *Genetic approaches based adaptive/robust control algorithms
- *PSO based motion planning
- *Genetic algorithms based motion planning
- *PSO/Genetic approaches based human intention detection/classification
- *PSO controller algorithms based imitation

- *Genetic algorithms based Brain Machine Interface (BMI)
- *PSO/Genetic algorithms based identification/approximation
- *Operations research tools coupled with other tools (artificial neural networks, fuzzy logic, etc.)

Online submission can be found here: <http://ees.elsevier.com/cor/> When asked to choose article type, please stipulate 'SI: Metaheuristics & robotics'.

All submissions should meet Computers & Operations Research author guidelines.

Expected number of pages (in two-column format) * Minimum: 8 pages * Maximum: 12 pages

Refereeing process

All papers will be reviewed by three independent reviewers. No page charges.

Important dates

*Paper submission deadline : **September 30, 2015**

*First round of revision: February 15, 2016

*Expected publication date: June, 2016

Guest editors

* Boubaker Daachi, CNRS-AIST Joint Robotics Laboratory, UMI3218/CRT, Tsukuba, Japan. E-mail:

daachi.boubaker@aist.go.jp

* Patrick Siarry, LiSSI Laboratory, Université Paris-Est Créteil, France. E-mail: siarry@u-pec.fr

IFORS Newsletter

June 2015



The IFORS June 2015 Newsletter is available for download at:

<http://ifors.org/web/june-2015-newsletter/>

Competitions, Prizes and Awards

TSL Dissertation Prize

Call for Nominations



<https://www.informs.org/Community/TSL/Prizes-and-Awards/TSL-Dissertation-Application-Process>

Nominations are invited for this year's Dissertation Prize Competition sponsored by the INFORMS Society on Transportation Science & Logistics. This award is the oldest and most prestigious honor for doctoral dissertations in the transportation science and logistics area. The award is accompanied by a \$500 honorarium for the winner. In addition, the winner and the recipient of an honorable mention (if any) each receives an 8x10 plaque announcing the award.

The following criteria will be used in judging candidate dissertations.

Fundamental contribution and originality of the ideas or methods.

Practical importance or applicability in solving important real problems.

Clarity and excellence of the exposition.

Eligible doctoral dissertations are those completed and submitted between June 1, 2014 and May 31, 2015 in the general area of transportation science and logistics.

To be considered, a dissertation must be nominated by the thesis supervisor, who should submit the following items, all electronically in Adobe PDF format:

An electronic copy of the dissertation (in PDF),

An electronic copy of the extended abstract (3-5 pages), separate from thesis (in PDF or MS Word),

An electronic copy of the letter of nomination from the dissertation supervisor supporting the submission and stating his/her assessment of why the thesis is worthy of the award (in PDF or MS Word), and,

An electronic abstract of 300 words without formula or mathematical notation (in PDF or MS Word)

The above documents should be submitted in a single compressed (zip) file online using the following URL:

<http://www.dropitto.me/tsl-dissertation-prize>

password: submission

Once completed your submission, please send an email to:

tsl-dissertation-prize@informs.org

indicating the name of the file that contained the materials submitted. The deadline for receipt of submissions is **June 30, 2015**. The recommendations of the judges will be announced at the INFORMS Annual Meeting during the TSL business meeting

2015 Committee Chair

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Halit Uster
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Southern Methodist University

Emma Frejinger
Department of Computer Science and Operations Research
Universite de Montreal

Francesco Corman
Department of Maritime and Transport Technology
Delft University of Technology

2015 Pierskalla Award

Call for Papers



Pierskalla Award

The Health Applications Society of INFORMS sponsors an annual competition for the Pierskalla Award, which recognizes research excellence in the field of health care management science. The award includes a \$1000 honorarium for the best paper presented in a Health Applications Society sponsored session at the annual INFORMS conference. The award is named after Dr. William Pierskalla to recognize his contribution and dedication to improving health services delivery through operations research. Dr. Pierskalla is a Distinguished Professor Emeritus at the Anderson School at UCLA and the Ronald A. Rosenfeld Professor Emeritus, The Wharton School, University of Pennsylvania, and serves as an editor on numerous operations research journals.

Eligibility

To be considered for the award, a full paper must be submitted by the application deadline to the Chairs of the Pierskalla Committee (see Application Process details below). The submission can be a working paper, a paper under review, or a previously published paper, and is not restricted to papers written by students. If desired by the authors, the winning paper will be published in Health Care Management Science if it has not been published or is not under review elsewhere.

Judging

Papers are judged by a panel of committee members on

- *Contribution to operations research/management science in health care
- *Readability, clarity and organization of the paper
- *Technical content and scope relative to the length of the paper
- *Originality

Up to five finalists will be selected and invited to present their work at the INFORMS annual meeting in a session devoted to the competition. The panel judging the papers reserves the right not to award a prize in any given year.

Application Process

A complete entry consists of:

1. A singlepage

PDF cover letter containing the following:

- *Names and affiliations of all coauthors
- *Complete contact information of the corresponding author
- *The paper title
- *Appropriate keywords for the submitted paper
- *The filename of the cover letter should be CorrespondingAuthorLastName_CoverLetter.pdf.

2. A completely anonymous paper in PDF format that meets the following criteria:

*Author(s) names or affiliations should not appear anywhere in the paper.

*At most 32 pages excluding the appendix but including tables, figures, and references. The paper must include all material necessary for judges to assess its technical correctness and confirm the validity of results.

*The formatting standards for submitting a paper to major INFORMS journals (such as Management Science or Operations Research) apply.

*The filename of the submitted paper should be ShortTitleOfThePaper.pdf.

The above two documents should be sent by the entrant as email attachments to Pierskalla2015@gmail.com.

The email's subject line should be: 2015 INFORMS Pierskalla Award Submission. Complete entries must be received on or before **Monday, July 6, 2015**.

Any question(s) related to the competition should be sent by email to: Pierskalla2015@gmail.com.

The winning paper will not be announced until the Health Applications Society's business meeting at the INFORMS annual meeting.

2015 Committee Chairs

Mohsen Bayati
Stanford University, Graduate School of Business

Soo-Haeng Cho
Carnegie Mellon University, Tepper School of Business



FAU Optimization Challenge



The University of Erlangen (FAU), Germany, is organizing an optimization challenge focussed on optimal train timetables. The task is to come up with models and algorithms to compute timetables that are minimal with respect to the resulting energy cost by the operation of the trains. All researchers (from students up to professors) may participate in teams between two and five people. The only condition is that at least one team member is non-German or is affiliated to a non-German university. Teams affiliated to the University of Erlangen may take part out of competition.

We especially encourage young scientists to take part. So feel free to pass this email to your students. The team with the best solutions to the challenge instances will be invited to Erlangen for one week this October, all expenses covered. During this time, the winners have the opportunity to visit our research group on discrete optimization, discuss their solutions with us, explore possibilities for future collaboration or career development, get to know the cultural and culinary highlights of Germany in general and Bavaria in particular, and finally present their work at the popular science fair "Long Night of Science".

More information can be found here:

<https://openresearchchallenge.org/>

Note that the FAU Open Research Challenge comprises three separate challenges, whose topics are digital forensics, discrete optimization, and photonic technologies.

The homepage of our optimization challenge is here:

<https://openresearchchallenge.org/discreteOptimization/ChairOfEconomics>

The challenge is already online and closes by the **end of July**.

We look forward to your participation and will be happy to greet the winners here in Erlangen!

EURO Special Interest Group on Cutting and Packing

ESICUP Renault Container Loading Challenge 2015 - Winners



The Euro working group ESICUP, automotive maker RENAULT, and the Operations Research team of Université de Bordeaux organised an optimization challenge about container loading for logistics platforms.

The winner is Olivier Briant & Denis Naddef (Grenoble-INP) !

See the website for final rankings and results.

<http://challenge-esicup-2015.org/>



Upcoming Conferences

Event Date	Event	Location	Submission Deadline
7th-10th June, 2015	11th Metaheuristics International Conference MIC2015	Agadir, Morocco	28th February 2015
8th-10th June, 2015	VeRoLog 2015	Vienna, Austria	8th February 2015
8th-12th June, 2015	MAPSP 2015 - 12th Workshop on Models and Algorithms for Planning and Scheduling Problems	La Roche-en-Ardenne, Belgium	16th February 2015
12th-14th June 2015	1st Annual Conference of the Tunisian Operational Research Society (TORS'15)	Tunisia	19th April 2015
14th-17th June 2015	CORS-INFORMS Joint International Meeting	Montreal, Canada	9th February 2015
15th-17th June 2015	17th British-French-German Conference on Optimization	London, UK	6th March 2015
15th-27th June 2015	EURO Summer Institute on Online Optimization	Szeged, Hungary	31st January 2015
19th June 2015	Workshop on Assessment Methodologies - energy, mobility and other real world applications	Coimbra, Portugal	15th February 2015
22nd-26th June 2015	2015 Group Decision and Negotiation (GDN) International Conference	Warsaw, Poland	10th February 2015
24th June-3rd July 2015	EURO PhD School on Routing and Logistics	Brescia, Italy	31st January 2015
6th-8th July 2015	2015 TSL Workshop	Berlin, Germany	9th February 2015
8th-10th July 2015	EUROPT 2015	Edinburgh, UK	17th April 2015
9th-10th July 2015	EWG ORD - IFORS Workshop on OR for Development	Glasgow, UK	27th February 2015

12th-15th July 2015	EURO XXVII Annual Conference. EURO 2015	Glasgow, UK	30th March 2015
12th-17th July 2015	ISMP 2015	Pittsburgh, PA USA	2nd March 2015
14th-16th July 2015	EWGT 2015	Delft, The Netherlands	22nd December 2014
19th-23rd July 2015	CASPT2015	Rotterdam, The Netherlands	12th December 2014
19th-24th July 2015	41st ORAHS Conference	Montréal, Canada	4th May 2015
21st-24th July 2015	Exploring Data Science in IT and Quantitative Management (ITOM)	Rio De Janeiro, Brazil	28th February 2015
22nd-27th July 2015	EuroScience Open Forum (ESOF)	Manchester, UK	15th June 2015
27th-29th July 2015	Workshop on Optimization under Uncertainty in Sustainable Agriculture and Agrifood Industry	Lleida, Spain	15th June 2015
29th-31st July 2015	2015 INFORMS Healthcare Conference	Nashville, Tennessee	1st March 2015
2nd-6th August 2015	APORS 2015	Kuching Sarawak, Malaysia	31st March 2015
3rd-7th August 2015	23rd International Conference on Multiple Criteria Decision Making MCDM 2015	Hamburg, Germany	23rd March 2015
11th-14th August 2015	19th workshop "Future Research in Combinatorial Optimization (FRICO)"	Cologne, Germany	24th July 2015
18th-19th August 2015	ROW15 - Real Option Workshop	Lappeenranta, Finland	31st May 2015
24th-27th August 2015	13th International Conference on Data Envelopment Analysis - DEA2015	Braunschweig, Germany	15th February 2015
25th-28th August 2015	MISTA 2015	Prague, Czech Republic	21st February 2015
31st August-4th September 2015	21st International Conference on Principles and Practice of Constraint Programming (CP 2015)	Cork, Ireland	17th April 2015
1st-4th September 2015	OR 2015	Vienna, Austria	10th May 2015
7th-9th September 2015	IO2015 - XVII Congresso da APDIO	Portalegre, Portugal	28th February 2015
7th-10th	45th Annual Conference of the Italian Operations	Pisa, Italy	15th May

September 2015	Research Society (AIRO 2015)		2015
9th-11th September 2015	35th National Operations Research and Industrial Engineering Congress (ORIE 2015)	Ankara, Turkey	22nd April 2015
22nd-24th September 2015	13th International Symposium in Operations Research in Slovenia (SOR '15)	Bled, Slovenia	14th June 2015
23rd-25th September 2015	YoungOR 19	Birmingham, UK	12th June 2015
23rd-25th September 2015	6th International Conference on Computational Logistics (ICCL'15)	Delft, The Netherlands	15th April 2015
28th September -10th October 2015	Combinatorial Optimization at Work 2015	Berlin, Germany	1st August 2015
7th-9th October 2015	CENTERIS Workshop on MCDA in EIS	Algarve, Portugal	3rd April 2015
21st-23rd October 2015	6th International Conference on Industrial Engineering and Systems Management IESM 2015	Seville, Spain	15th April 2015
1st-4th November 2015	INFORMS Annual Meeting	Philadelphia	15th May 2015
5th-6th November 2015	4th International Fuzzy Systems Symposium (FUZZYSS'15)	Istanbul, Turkey	12th April 2015
9th-10th November 2015	International Symposium on Energy System Optimization - ISESO 2015	Heidelberg, Germany	15th June 2015
3rd-6th July 2016	EURO XXVIII Annual Conference. EURO 2016	Poznan, Poland	

Contact Us

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



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