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The Association of European Operational Research Societies

EURO Newsletter # 2 April 30, 2013

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<u>Upcoming Conferences</u>

EURO Doctoral Dissertation Award - 2013 Finalists

Congratulations to the three 2013 EURO Doctoral Dissertation Finalists:

- Dr Milosz Kadzinski (Poznan University of Technology, Poland)
 New Directions in Robustness Analysis and Preference Modeling in Multiple Criteria Decision Aiding
- Dr Nikky Kortbeek (University of Twente, The Netherlands)
 Quality-driven Efficiency in Healthcare
- Dr Christian Raack (Zuse Institute Berlin (ZIB), Germany)
 Capacitated Network Design -- Multi-Commodity Flow Formulations, Cutting Planes, and Demand Uncertainty

The finalists will present in a special session at the <u>26th European Conference on Operational Research</u>, July 1-4. The Award will be presented to the winner in the Closing Session of the Conference.

EURO mini-conference on Optimization in the Natural Sciences 2014 - Call for Papers

First Call for Abstracts

The organizers of the EURO mini-conference on Optimization in the Natural Sciences (EURO mini 2014) have the pleasure in inviting you to take part in this conference to be held in Aveiro, Portugal on 5-9 February, 2014.

http://minieuro2014.web.ua.pt/

Aims and Scope

The conference aims at discussing the latest research in optimization and its applications to the Natural Sciences. The main objective of the meeting is to encourage the exchange of knowledge and recent achievements, and to establish collaborations among researchers and practitioners working in the areas of Computer Science / Optimization / Statistics, and Physics / Chemistry / Biology / Medical Sciences.

Topics

- Analysis of microarray data or next generation sequencing
- · Applications of modeling and optimization in physics, biology, chemistry, and medicine
- Billiard theory and applications
- Biomedical engineering
- Design optimization
- · Data visualization for optimal decisions
- · Image processing
- Infinite and semi-infinite optimization with applications
- Inverse problems
- · Linear and nonlinear optimization and applications
- Multi-criteria optimization with applications
- Multi-scale optimization with applications
- · Optimal control applied to biological models
- · Optimal mass transfer
- · Optimization in bioinformatics and computational biology
- Shape optimization
- Solution of optimization problems using statistical methods
- Statistics in high-dimensional data
- · Statistical methods and visualization
- Statistical and probabilistic modeling
- Wave scattering

Abstracts must be written in English and contain no more than 600 characters (no formulas or mathematical notations are allowed). Each attendee is allowed to present ONE paper at the conference.

To submit an abstract, use the abstract submission system of EURO-Online available on the conference website (http://minieuro2014.web.ua.pt/).

Organizing Committee

- Tatiana Tchemisova (co-chair)
- Alexander Plakhov (co-chair)
- · Adelaide Freitas (co-chair)
- António Pereira
- Isabel Brás
- João Pedro Cruz
- Jorge Sá Esteves
- Paula Carvalho
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Secretariat: Neusa Lagarto, neusa@ua.pt.

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- Adelaide Freitas (University of Aveiro, Portugal)
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- · Vladimir Bushenkov (University of Evora, Portugal)

Organizing institutions

- EURO The Association of European Operational Research Societies, http://www.euro-online.org
- EUROPT EURO Working Group on Continuous Optimization, http://europt.iam.metu.edu.tr
- CIDMA Center for Research & Development in Mathematics and Applications, http://cidma.mat.ua.pt/ma/home.php
- Department of Mathematics, University of Aveiro, http://www.ua.pt/dmat/

Confirmed Invited Speakers

- Giuseppe Buttazzo, Department of Mathematics, University of Pisa, Italy, http://www.dm.unipi.it/pages/buttazzo/
- Sergey Tabachnikov, Pennsylvania State University, Department of Mathematics, USA, http://www.math.psu.edu/tabachni/
- Leonid Bunimovich, Georgia Institute of Technology, Atlanta, USA, http://people.math.gatech.edu/~bunimovh/
- Michael Greenacre, Department of Economics and Business, University Pompeu Fabra, Barcelona, Spain, http://www.barcelonagse.eu/faculty.php?id=118
- Gueorgui Smirnov, University of Minho, Portugal, http://intranet.uminho.pt/4881.page
- Aleksander Dudin, Belarusian State University, Belarus, http://www.apa.bsu.by/

Important dates

• Deadline for abstract submission: 1/11/2013

Notification of acceptance: 15/11/2013

• Deadline for registration fee payment for inclusion in the abstract book: 15/01/2014

Registration fee

- Regular early (up to 1/12/2013): 285 euros
- Regular late (up to 15/01/2014): 360 euros
- Student early (up to 1/12/2013): 150 euros
- Student late (up to 15/01/2014): 200 euros
- Accompanying person: 50 euros

Special Issue

Papers presented at EURO mini 2014 can be submitted for peer-reviewed publication in a special issue of Optimization, http://www.tandfonline.com/loi/qopt20.

Contacts

For all questions please contact: DMAT-miniEURO2014@ua.pt.

Please visit our website http://minieuro2014.web.ua.pt/ for more information.

Joint GOR Decision Theory and Practice Work Group/DASIG Conference 2013, Hamburg

Welcome! The next meeting of the Working Group "Entscheidungstheorie und -praxis" of the German Society for Operations Research e.V. (GOR; gor-online.org) will be organized as a joint event together with the Decision Analysis Special Interest Group (DASIG) of the British Operational Research Society (The OR Society; theorsociety.com).

The **GOR Working Group "Entscheidungstheorie und -praxis"** has the aim to support a scientific exchange between economists, mathematicians, engineers, computer scientists, non-universitary experts and other researchers who are interested in Decision Theory, Multi Criteria Optimization, and its application. The annually organized workshop of the GOR Working Group "Entscheidungstheorie und -praxis" offers the opportunity to present/discuss current results of theoretical research on normative decision analysis and experiences from methodological experiments/applications. This year, being organized as a joint GOR-B-conference in collaboration with the **Decision Analysis Special Interest Group (DASIG)**, the workshop will provide an outstanding attraction to the participants. Organizing regular workshops, the DASIG is committed to provide a platform where academics, managers and consultants can share their experiences of methodological research or implementations in the fields of Decision Theory, Multicriteria Decision Analysis, and Operational Research.

According to the scientific background of both research groups, we invite conference contributions focusing on the wider area of Decision Analysis/ Multiple Criteria Decision Making. Topics to mention are, among others:

• Multicriteria Decision Analysis,

- Multicriteria Optimization,
- Decision under Risk and Uncertainty,
- Decision Support Systems,
- Vector Optimization,
- · Game Theory.

Contributions/ Conference Presentations

We invite authors to hand in abstracts describing their recent research advances. Both theoretical and practical/ experimental contributions are welcome. All accepted abstracts will be invited to be presented at the conference. Each scientific talk will be allocated 30 minutes.

When submitting your abstract, please consider the following standards:

- One page maximum including title, name and affiliation/ address
- The abstracts are to be submitted via e-mail to: GOR-DASIG-2013@hsu-hh.de
- Abstract submission deadline: 28th June 2013

Conference Publications

A printed and an electronic post-conference proceedings volume will be produced after the event. Presenting authors are invited to submit either short papers (maximum of 10 pages) or full papers (maximum of 20 pages) after the conference. All accepted contributions will be published in the proceedings. When submitting your paper, please refer to the following submission quidelines:

- Formatting instructions: TBA.
 Documents typed in LaTeX are highly encouraged.
- The contributions to the conference proceedings are to be submitted via e-mail to: GOR-DASIG-2013@hsu-hh.de
- Paper submission deadline: TBA

Conference Venue

The conference will take place on the campus of the Helmut-Schmidt-University, Hamburg, Germany. The HSU is a modern campus-university, comprising faculties of Electrical Engineering, Humanities and Social Sciences, Mechanical Engineering, and Economics and Social Sciences. The postal address is "Holstenhofweg 85, Hamburg, Germany".

Hamburg, being the second-largest city of Germany, has an international airport with numerous (direct) connections from and to international destinations. The city possesses a variety of hotels, ranging from budget accommodation to luxurious resorts. Click here for a list of recommended hotels/hostels.

The university campus is well-connected by public transport. This means that you may want to consider staying in the city center in order to maximize your "Hamburg experience".

Scientific Program

The scientific program starts on Monday, September 23rd, 2013, 09:15 (opening session), and is expected to end on Tuesday, September 24th, 2013, 17:00. A full program will be made available here.

Organizational Matters

Registration:

Please register for the event by sending an <a href="mailto:em

Fees and payment:

Regular conference fee: 70 EUR. (PhD-)students can register for a reduced fee of 50 EUR. The payment of the fee is possible by bank transfer (details/account information TBA), or cash on-site, not by credit card (proper signed and stamped receipts are going to be issued).

The conference is a non-profit event, which implies that all registration fees are collected to cover costs of food, organizational costs etc. The registration fee includes access to all sessions, the printed conference material, two lunches at the Mensa of the University (on Monday and Tuesday), and the conference dinner (food and drinks; on Monday evening).

Social Programme:

Conference dinner: Monday, 23rd of September, time and location TBA (some attractive restaurant in the city center of Hamburg).

Accommodation:

The accommodation is organized individually. Please see above ("Conference Venue") for a list of recommanded hotels.

See: http://www2.hsu-hh.de/logistik/GOR-DASIG-2013/



FORS40 - Call for Papers

Finnish Operations Research Society 40th Anniversary Workshop "Optimization Decision-Making"

www.fors40.org

August 20th and 21st, 2013 in Lappeenranta FINLAND, at Lappeenranta University of Technology with a doctoral consortium on August 19th, 2013.



Abstract:

The FORS40 workshop is organized to celebrate the 40 years of the Finnish Operations Research Society (FORS) and it brings together the Finnish operational research community with international participants. The FORS40 workshop takes place at Lappeanranta University of Technology, situated in South-Eastern Finland and located on the lake Saimaa. The working language of the conference in English.

Workshop Theme:

"Optimization and Decision-Making". Both theoretical and application-oriented papers are welcome within the scope of the workshop theme.

Doctoral Consortium:

The doctoral consortium will take place before the workshop on August 19th. The topics of the doctoral consortium are in line with the topics of the conference. More information on the doctoral consortium is available on the conference web pages. Participation in the doctoral consortium is included in the workshop registration fee.

Paper Submission:

Researchers wishing to contribute to the workshop are invited to submit either SHORT PAPERS (max. 4 pages) or FULL PAPERS (max.12 pages).

Authors are <u>strongly encouraged</u> to carefully prepare their manuscripts according to the IEEE style using the template available at the workshop web site. Only camera ready papers with the correct formatting can be published in the proceedings. The workshop does <u>not</u> provide any editing service.

All papers must be submitted through the online submission system in PDF or MS Word format. The submission system IS OPEN since Jan-15- 2013.

All submissions will be anonymously reviewed by at least two referees, and successful papers by registered participants will be included in the Conference Proceedings. Deadline for paper submission is 30-May-2013.

ALSO INDUSTRY AND PRACTICE-ORIENTED NON-SCIENTIFIC PRESENTATIONS ARE WELCOME!

Important Dates:

15-Jan-2013 - Submission system open

30-May-2013 - Short and full paper submission deadline

15-Jun-2013 - Notification of decisions

30-Jun-2013 - Registration deadline

15-Jul-2015 - Camera-ready short and full paper deadline

19-Aug-2013 - Doctoral consortium

20-Aug-2013 - Conference starts

Keynote speakers include:

Prof. Christer Carlsson, Åbo Akademi U., Finland, President of the International Fuzzy Sets and Systems Association (IFSA) and honorary president of FORS.

Prof. Roberto Montemanni, Dalle Molle Institute of Artificial Intelligence (IDSIA), Switzerland

Local organizing committee:

Mikael Collan, LUT, Finland (Chair) Jari Hämäläinen, LUT, Finland (Co-chair) Pasi Luukka, LUT, Finland (Co-chair)

International Scientific Programme Committee:

Jari Hämäläinen, LUT, Finland (Chair) Mikael Collan, LUT, Finland, (Co-chair, FORS) Timo Kuosmanen, Aalto U. & President of FORS, Finland (Co-chair) Pasi Luukka, LUT, Finland

Mario Fedrizzi, U. Trento, Italy Yuri Lawryshyn, U. Toronto, Canada Christer Carlsson, Åbo Akademi, Finland Jorma K. Mattila, LUT, Finland Jozsef Mezei, Åbo Akademi, Finland Tomas Eklund, Åbo Akademi, Finland Kalevi Kyläheiko, LUT, Finland Sheraz Ahmed, LUT, Finland Farhad Hassanzadeh, U. North Carolina, USA Julian Scott Yeomans, U., Canada Markku Heikkilä, Åbo Akademi, Finland Ahti Salo, Aalto U., Finland Kaisa Miettinen, U. Jyväskylä, Finland Janne Sorsa, Kone Corporation, Finland Osmo Kuusi, U. Turku, Finland Osmo Jauri, Model IT Ltd., Finland Roberto Montemanni, IDSIA, Switzerland

Registration:

The registration fee is 100 \in and includes a welcome drink, lunches, the workshop dinner and the participation in the doctoral consortium for doctoral students.

TSL Dissertation Prize 2013 - Call for Submissions

Nominations are invited for this years 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, 2012 and May 31, 2013** 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:

- A copy of the dissertation (in PDF),
- An extended abstract (3-5 pages), separate from thesis (in PDF or MS Word),
- A 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,
- A completed nomination form: TSL Dissertation Prize Nomination Form

Submissions should be sent electronically to **Martine Labbé**, Committee Chair, at mlabbe@ulb.ac.be. The deadline for receipt of submissions is **June 30, 2013**. The recommendations of the judges will be announced at the INFORMS Annual Meeting during the TSL business meeting.

2013 Committee Chair

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П	pcoming	ı Con	ferer	CES
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Jpcoming	Conferences		
Dates	Conference Title	Location	Submission Deadline
20th-24th May 2013	VRP2013: European Spring School on Vehicle Routing	Angers, France	30th January 2013
29th-31st May 2013	EWG-DSS (EURO Working Group on Decision Support Systems) Thessaloniki-2013	Thessaloniki, Greece	14th April 2013
30th May -1st June 2013	26th Conference of the European Chapter on Combinatorial Optimization (ECCO)	Paris, France	8th March 2013
26th-28th June 2013	11th EUROPT Workshop on Advances in Continuous Optimization	Firenze, Italy	31st March 2013
27th-28th June 2013	Joint ICORD/EWG-ORD (EURO Working Group on Operational Research for Development) Workshop 2013	Rome, Italy	30th January 2013
1st-4th July 2013	XXVI EURO - INFORMS Joint International Conference	Rome, Italy	14th March 2013
7th-12th July 2013	39th annual meeting of the EURO Working Group on Operational Research Applied to Health Services (ORAHS)	Istanbul, Turkey	12th April 2013
7th-10th July 2013	Second meeting EURO Working Group on Vehicle Routing and Logistics Optimization (VeRoLog)	Southampton, UK	11th March 2013
20th-21st August 2013	FORS40 - Finnish Operations Research Society 40th Anniversary Workshop	Lappeenranta, Finland	30th May 2013
3rd-5th September 2013	The OR Society - OR55 Annual Conference	Exeter, UK	14th June 2013

3rd-6th September 2013	OR 2013 Conference - the International Conference on Operations Research	Rotterdam, The Netherlands	30th April 2013
4th-6th September 2013	16th Euro Working Group on Transportation	Porto, Portugal	14th June 2013
7th-10th September 2013	XI Balkan Conference on Operational Research	Belgrade, Serbia	15th May 2013
23rd-24th September 2013	Joint GOR Decision Theory and Practice Work Group/DASIG Conference	Porto, Portugal	28th June 2013
25th-27th September 2013	12th International Symposium on Operations Research in Slovenia	Dolenjske Toplice, Slovenia	9th June 2013

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