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## The Association of European Operational Research Societies

EURO Newsletter # 17  
June 27, 2014

### In This Issue

[EURO Journal on Computational Optimization](#)  
[Special Issue on Computational Optimization Methods in Telecommunications](#)

[EURO Mini Conference](#)  
["Improving Healthcare: New Challenges, New Approaches"](#)  
[Coimbra, Portugal, March 30 - April 1, 2015](#)

[Springer Communications in Computer and Information Science](#)  
[Proceedings Volume of the EURO Mini-Conference on Optimization in the Natural Sciences](#)

[Central European Journal of Operations Research](#)  
[Special Issue on International Aspects of OR](#)

[Annual Meeting of the Croatian OR Society](#)  
[KOI2014](#)  
[Osijek, Croatia, September 24-26, 2014](#)

[Annual Meeting of the German OR Society](#)  
[International Conference on Operations Research \(OR2014\) "Business Analytics and Optimization"](#)  
[Aachen, Germany, September 2-5, 2014](#)

[Operational Research Practice in Africa Conference 2015](#)  
[ORPA'2015](#)

[Algeria, Africa, April 20-22, 2015](#)

[Upcoming Conferences](#)

## EURO Journal on Computational Optimization Special Issue on Computational Optimization Methods in Telecommunications

Following the INFORMS Telecommunications Conference held in Lisbon, Portugal last March 2-4, 2014, a special issue of the EURO Journal on Computational Optimization (EJCO) dedicated to "Computational Optimization Methods in Telecommunications" will be edited by Bernard Fortz ([bernard.fortz@ulb.ac.be](mailto:bernard.fortz@ulb.ac.be)) and Luis Gouveia ([legouveia@fc.ul.pt](mailto:legouveia@fc.ul.pt)).

The deadline for the paper submission has been extended to **July 15, 2014**. We plan on having the review of all submitted papers by December 31, 2014.

To submit a paper, please visit  
<https://www.editorialmanager.com/ejco/>  
and choose  
**S.I.: Computational Optimization Methods in Telecommunications**  
as Article Type.



## "Improving Healthcare: New Challenges, New Approaches"

Coimbra, Portugal, March 30 - April 1, 2015

[www.minieuro2015.com](http://www.minieuro2015.com)

We would like to welcome you to Coimbra, a beautiful city in Portugal, and its University recently recognized as World Heritage by UNESCO.

### Scope and Objectives

Recent advances in medicine allow us to live longer and healthier lives. These advances have been made possible through the joint contribution of very different scientific fields. Healthcare is nowadays better understood as a multidisciplinary field, with increasing number of challenges that can be better tackled by joint collaboration of researchers with different scientific backgrounds.

The challenges that Healthcare is facing have not only to do with the ability of providing better services to all (treatments, preventive medicine, better diagnosis tools), with an increased focus on improved personalized treatment options, but also with the need to tackle an increased pressure felt by Healthcare systems: increased number of patients, some of them requiring expensive treatments, with a consequent increase in the workload for health institutions that most of the times have to deal with important budget restrictions.

The Conference will provide a forum in which researchers coming from different scientific disciplines can discuss and share their experience regarding methodological approaches to tackle different Healthcare challenges. Contributions from operational research, industrial engineering, medicine, medical physics, management, computational biology, bioinformatics, health economics among others are welcomed.

### Streams

If you are interested in organizing a stream please let us know ([info@minieuro2015.com](mailto:info@minieuro2015.com)).

Confirmed streams:

- Health Informatics
- Radiotherapy Optimization
- Biomedicine
- Health Logistics and Scheduling

### Confirmed Plenary Speakers

**Sally Brailsford**, University of Southampton  
**David Craft**, Harvard Medical School Massachusetts General Hospital  
**Ben Heijmen**, Erasmus MC Cancer Institute and Erasmus University Rotterdam  
**Alexandre Quintanilha**, Instituto de Ciências Biomédicas Abel Salazar

### Submissions:

Authors are invited to submit an abstract with not more than 350 words or a full paper (4 to 10 pages) to be published in the conference proceedings (Journal of Physics: Conference Series (JPCS)).

After the conference, authors of accepted abstracts and papers can submit extended versions of their work to special issues:

- International Transactions in Operational Research
- Journal of Global Optimization (subject to a sufficient number of submissions)

### Important Dates:

Submission of Abstracts/ Papers: 17 October 2014

Notification of acceptance: 15 December 2014

Final abstract/paper due: 09 February 2015

Early Registration Deadline: 02 March 2015

### Registration

Full Early registration 225€

Full Late registration 300€

Student Early registration 100€

Student Late registration 120€

# EURO MINI CONFERENCE

COIMBRA | 30 MARCH - 1 APRIL 2015

IMPROVING HEALTHCARE: NEW CHALLENGES, NEW APPROACHES

## Springer Communications in Computer and Information Science



## Proceedings Volume of the EURO Mini-Conference on Optimization in the Natural Sciences

### Last Call for Papers

On the occasion of the EURO Mini-conference on Optimization in the Natural Sciences (EURO-mini 2014), Aveiro, Portugal, February 5-9, 2014, Springer Communications in Computer and Information Science invites submissions of papers to a Forthcoming Proceedings volume.

Submissions may address a wide range of Optimization methods including

- Applications of modeling and Optimization in Physics, Biology, Chemistry, and Medicine;
- Billiard theory and applications;
- Design optimization;
- Data visualization for optimal decisions;
- Image processing ;
- Infinite and semi-infinite optimization with applications;
- 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.

The submitted papers will be refereed by experts in optimization and applications.

Punctual processing of the submissions is a high priority. An initial evaluation by a guest editor will take place in at most two weeks after the submission.

The guest editors and the referees will do their best to provide a first report in 16 weeks.

Guest Editors:

Tatiana Tchemisova ([tatiana@ua.pt](mailto:tatiana@ua.pt)), Alexander Plakhov ([plakhov@ua.pt](mailto:plakhov@ua.pt)), and Adelaide Freitas([adelaide@ua.pt](mailto:adelaide@ua.pt))

### General information

Springer-Verlag in Communications in Computer and Information Science <<http://www.springer.com/series/7899>> (CCIS) series are indexed by SCOPUS and ISI Proceedings.

Proceedings published in CCIS - the topical scope of CCIS spans the entire spectrum of informatics ranging from foundational topics in the theory of computing to information and communications science and technology and a broad variety of interdisciplinary application fields.

### Papers submission

The papers should be submitted before **July 1, 2014**

To submit the paper, please register in <http://senldogo0039.springer-sbm.com/ocs/home/EUROmini2014> and upload your paper or send the PDF file of the paper directly to [DMAT-miniEURO2014@ua.pt](mailto:DMAT-miniEURO2014@ua.pt)

### Instructions for the authors

CCIS is published, in parallel to the printed books, in full-text electronic form via our internet

platform <http://link.springer.com>. We therefore need all the electronic files, most importantly the source files, of all parts of the manuscript (including front matter pages) as advised in the instructions. We enter into the source files to smooth out any formatting or capitalization discrepancies and to insert running heads, page numbers and a reference line at the bottom of the first page of every paper. We also require a final pdf of each paper created and checked by the authors. Authors are advised not to shorten the references and to put DOIs wherever possible, as this would allow for correct citation attribution. Once data processing has been finished, we shall contact the corresponding authors and ask them to check their papers. Hence, we will need from you, roughly at the time when you send us the files, a list containing all the corresponding authors' email addresses which we could use for contacting the authors.

Springer has developed LaTeX style files and Word templates to help you prepare your paper. LaTeX is the preferred

format (especially for texts containing several formulae), but Word templates are also available.

For more information please visit <http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>.

## Central European Journal of Operations Research Special Issue on International Aspects of OR

At the occasion of the 20th Triennial Conference of the International Federation of Operational Research Societies (IFORS XX), in Barcelona, Spain, July 13-18, 2014 ([www.ifors2014.org](http://www.ifors2014.org)), the **Central European Journal of Operations Research (CEJOR)** invites submissions of papers to a special issue on OR. The special issue will focus on theoretical and applied contributions in fields such as Energy/Environment and Climate, OR for Developing Countries, and Behavioral OR.



**Submission deadline of full papers: November 1, 2014**

Topics are drawn from, but not limited to, the following fields of OR:

- Optimization, Control Theory & System Dynamics,
- Decision Analysis, Decision Support Systems (i.e., Policy Analytics) ,
- Emerging Applications of OR (i.e., Humanitarian Operations Research, Recent Advances in Earthquake Studies and Geoscience Applications),
- Energy / Environment and Climate,
- Location, Logistics, Transportation, Traffic,
- Operational Research Education, History, Ethics, and Behavioral OR,
- OR in Health & Life Sciences,
- OR in Natural Resources,
- OR for Development and Developing Countries
- Societal Complexity Research.

In any submission related to of those fields, the relation to International Aspects of OR needs to be demonstrated.

The Central European Journal of Operations Research is abstracted and indexed in the following databases: ABS Academic Journal Quality Guide, Academic OneFile, Business Source, Current Abstracts, Digital Mathematics Registry, E-JEL, EconLit, Google Scholar, International Abstracts in Operations Research, Journal Citation Reports/Science Edition, Mathematical Reviews, OCLC, Research Papers in Economics (RePEc), Science Citation Index Expanded (SciSearch), SCOPUS, Summon by Serial Solutions, TOC Premier, VINITI - Russian Academy of Science, Zentralblatt Math.

**Guest Editors:** Ulrike Reisach, Dorien DeTombe, Gerhard-Wilhelm Weber

**Important Dates:** Submission deadline of full papers: November 1, 2014.

**Submission Details:** Researchers in the above mentioned fields are cordially invited to submission. Participants of IFORS XX are the primary target group, but also others may submit. The format of manuscripts for Central European Journal of Operations Research (CEJOR) as well as guidelines and templates can be found on the following web page:

<http://www.springer.com/business+&+management/operations+research/journal/10100>.

All contributions will be rigorously refereed and a certain number of submissions selected. For submission of your paper and in case of any question please contact by e-mail one of the following guest editors:

**Prof. Dr. Ulrike Reisach**

Neu-Ulm University of Applied Sciences  
Information Management Faculty  
Intercultural Management and Corporate Communications  
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<http://www.hs-neu-ulm.de/en/ulrike-reisach/>

**Prof. Dr. Dorien DeTombe (MSc.Ph.D.)**

Chair International Research Society on  
Methodology of Societal Complexity  
P.O. Box. 3286  
NL-1001 AB Amsterdam  
The Netherlands, Europe  
Email: [DeTombe@nosmo.nl](mailto:DeTombe@nosmo.nl)  
<http://www.complexitycourse.org/doriendetombe.html>

**Prof. Dr. Gerhard-Wilhelm Weber**

Middle East Technical University (METU)

## Annual Meeting of the Croatian OR Society

KOI2014

Osijek, Croatia, September 24-26, 2014

We are pleased to invite you to participate  
15th International Conference on Operational Research KOI 2014  
Conference theme: OR and Business Analytics  
September 24-26, 2014  
Osijek, Croatia  
<http://www.hdoi.hr/koi2014>

**Organizers:** Croatian Operational Research Society in collaboration with  
Faculty of Economics in Osijek & Department of Mathematics University of Josip Juraj Strossmayer in Osijek, Osijek,  
Croatia

### Objectives and Topics of the Conference

International Conference on Operational Research (KOI) brings together researchers and practitioners from various aspects of operational research (OR) with the aim of establishing contacts, presenting scientific ideas and experiences. Conference is focused but not limited to the following topics: Linear and Non-linear Programming, Integer Programming, Combinatorial and Discrete Optimization, Multi-objective Programming, Stochastic Models and Optimization, Scheduling, Macroeconomics, Econometrics and Economic Theory, Game Theory, Statistics, Marketing and Data Analysis, Banking, Finance, Insurance, Environment, Energy, Health, Information and Decision Support Systems, Neural Networks and Fuzzy Systems, Control Theory, Simulation, Business Analytics, Practical OR and Applications.

### Important Dates

- **July 1, 2014** - Submission of abstracts
- July 15, 2014 - Notification of acceptance
- September 10, 2014 - Registration fee payment
- September 26, 2014 - Submission of full papers

### Invited Keynote Speakers

- prof. James J. Cochran, Louisiana Tech University, College of Business, Ruston, LA, USA
- prof. Ali Emrouznejad, Aston University Operations & Information Management Group Aston Business School Birmingham, United Kingdom
- prof. Goran Lesaja, Georgia Southern University, Department of Mathematical Sciences, Statesboro, GA, USA
- prof. Amir Nakib, Université Paris Est Créteil ex. Université Paris 12, Faculté des Sciences, Créteil, France
- prof. Janez Povh, Faculty for Information Studies Novo Mesto, Novo Mesto, Slovenia

### Conference Workshop Teaching Effectiveness Colloquium (TEC) Croatia 2014

The workshop will be organized as a part of the KOI 2014 conference in three 90-minute sessions. Each session will cover one of the topics.

#### Chair:

James J. Cochran, Louisiana Tech University, USA

#### Instructors:

James J. Cochran, Louisiana Tech University, USA

Michael J. Fry, University of Cincinnati, USA

Jeffrey D. Camm, University of Cincinnati, USA

### Instructions for Authors

Authors who wish to present a paper at the Conference should submit the extended abstract of not more than one page. Please follow instructions for authors at the conference web site <http://www.hdoi.hr/koi2014>. After the acceptance of the abstract, full paper should be submitted through the Online submission system. The extended abstracts will be published at the Book of Abstracts and distributed at the conference.

After the conference, full papers will be reviewed by two independent reviewers, and accepted papers will be published in the Croatian Operational Research Journal (CRORR) special issue of the KOI 2014 conference, which is indexed in Current Index to Statistics, EBSCO host, EconLit, Genamics Journal Seek, INSPEC, Mathematical Reviews/Current Mathematical Publications (MathSciNet), Proquest, Web of Science Core Collection, and Zentralblatt fuer Mathematik/Mathematics Abstract (CompactMath).

## Organizing Committee & Conference Contact

Marijana Zekic-Susac, chair  
Marina Jeger, Ivan Soldo, Martina Bris Alic, Adela Has  
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mob: +385 91 22 44 067  
fax: +385 31 21 16 04  
<http://www.hdoi.hr/koi2014>



## Annual Meeting of the German OR Society International Conference on Operations Research (OR2014) "Business Analytics and Optimization" Aachen, Germany, September 2-5, 2014



[www.or2014.de](http://www.or2014.de)

The 2014 International Conference on Operations Research (OR2014) takes place in the beautiful city of Aachen, Germany, the city of Charlemagne. There are more than 500 presentations in all areas of operations research, broadly interpreted, by researchers and practitioners in mathematics, computer science, business/economics, and related disciplines.

Please join us for an operations research fest. Registration is now open.

Every participant (regardless of presenting a paper or not) must register for the conference and pay their fees. Early bird registration (reduced fees) deadline is **June 30, 2014**, <http://www.or2014.de/register/>

Authors of accepted papers are entitled to submit a short paper for possible publication in Springer proceedings, see details: <http://www.or2014.de/proceedings/>

### Plenary and semi-plenary speakers:

Brenda Dietrich, IBM; "Operations Research in the era of cognitive computing"  
Mike Trick, Carnegie Mellon U; "Sports scheduling meets business analytics"

David Barber, University College London; "Deep learning"  
Aharon Ben-Tal, Technion; "Tractable solutions of some challenging optimization problems"  
Stephen Boyd, U Stanford; "Convex optimization: From embedded real-time to large-scale distributed"  
Karl Dörner, U Linz; "Matheuristic design concepts for rich problems"  
Jan Fransoo, TU Eindhoven; "Optimizing beyond company borders: Horizontal collaboration in supply chain management"  
Peter Gritzmann, TU Munich; "On data segmentation"  
Eva Lee, Georgia Institute of Technology; "Health analytics: Personalized cancer treatment planning"  
Andreas Marschner, DHL; "Re-designing a parcel network for growth"  
Laura McLay, U Wisconsin-Madison; "Delivering emergency medical services: Research, application, and outreach"  
Jean-François Puget, IBM; t.b.a.  
Mikael Rönnqvist, U Laval; "Value chain planning for natural resources"  
Rakesh Vohra, U Pennsylvania; "One-sided matching with limited complementarities"

Besides an attractive scientific program in 18 parallel streams, we host pre-conference workshops by AIMMS, GAMS, Gurobi, and IBM; a business day with OR success stories; and offer a nice social program in a truly European destination. Be our guest!

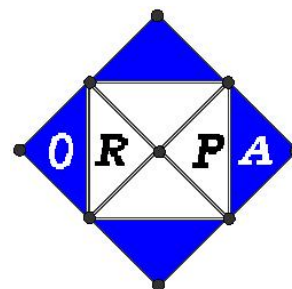
**MORE INFORMATION**

web: [www.or2014.de](http://www.or2014.de)  
 twitter: @or2014de  
 email: [info@or2014.de](mailto:info@or2014.de)

## Operational Research Practice in Africa Conference 2015

ORPA'2015

Algeria, Africa, April 20-22, 2015



Operational Research Practice in Africa

ORPA'2015 : Operational Research Practice in Africa Conference 2015

University of Sciences and Technology Houari Boumediene (USTHB), in Algiers  
(Algeria), April 20-22, 2015

We are pleased to give a notice of the above OR conference scheduled for Algiers in April 2015, at the University of Sciences and Technology Houari Boumediene. ORPA'2015 follows on from a series of meetings started in 2005. The conference is intended to bring academics to discuss and present recent developments in our field, and OR applications. A non-exhaustive list of Applied topics are : OR in Transport and Logistic, Urban Transport Network Design, Public Transportation Studies, Traffic Control, Multimodal Freight Network Design, OR in Water Resources Management, Management and Control of Delivery Water Resource, OR in Energy and Environment Management, Renewable Energy System, Optimization in Sustainable Development, OR in Natural Resources Management, Operational Research Models in the Management of Agricultural Resources, Operational Research Models in the Management of Forestry Resources, etc. These applications are fundamentally based on theoretical OR and Optimization topics also in the scope of the conference. A non-exhaustive list of such topics are : Integer Programming (linear, quadratic, non-linear), Multicriteria Optimization, Global Optimization, Stochastic Programming, Scheduling, Facility Location Problems, etc. We also invite submissions covering other topics related to OR for development as well as OR applications in government and industry.

All details of the meeting are available on the conference web site :

<http://orpa2015.sciencesconf.org/>

### Key dates:

October 5, 2014 : Deadline for submission of extended abstracts  
 January 20, 2015 : Deadline for early registration  
 February 20, 2015 : Deadline for conference registration

### Contacts:

[orpa2015@sciencconf.org](mailto:orpa2015@sciencconf.org)  
[mchergui@usthb.dz](mailto:mchergui@usthb.dz)

## Upcoming Conferences

23rd-25th June 2014	<a href="#">IPCO 2014 - The 17th Conference on Integer Programming and Combinatorial Optimization</a>	Bonn, Germany	15th November 2013
26th-28th June 2014	<a href="#">4th EURO Working Group conference on Operational Research in Computational Biology, Bioinformatics and Medicine</a>	Poznan, Poland	2nd March 2014
26th-28th June 2014	<a href="#">HELORS 3rd International Symposium and 25th National Conference on Operational Research</a>	University of Thessaly, Greece	16th May 2014
29th June-2nd July 2014	<a href="#">Stochmod 2014</a>	Mannheim, Germany	7th March 2014
2nd-4th July 2014	<a href="#">EWGT2014</a>	Seville, Spain	2nd March 2014
10th-11th July 2014	<a href="#">ICORD 2014</a>	University of Lleida, Catalonia, Spain	15th February 2014

10th-12th July 2014	<a href="#">EUROPT2014</a>	Université de Perpignan Via Domitia, France	28th March 2014
13th-18th July 2014	<a href="#">20th IFORS Conference</a>	Barcelona, Spain	10th February 2014
19th July-1st August 2014	<a href="#">EURO Summer Institute 2014. OR in Agriculture and Agrifood Industry</a>	Lleida, Spain	15th December 2013
20th-25th July 2014	<a href="#">ORAHs 2014</a>	Lisbon, Portugal	18th April 2014
28th-30th July 2014	<a href="#">Optimization 2014 (APIDO)</a>	Guimarães, Portugal	31st March 2014
30th July-2nd August 2014	<a href="#">FRICO 2014</a>	Magdeburg, Germany	31st May 2014
3rd-16th August 2014	<a href="#">Summer School AACIMP 2014</a>	Kiev, Ukraine	15th June 2014
26th-29th August 2014	<a href="#">The 10th International Conference on the Practice and Theory of Automated Timetabling - PATAT 2014</a>	York, UK	28th February 2014
1st-2nd September 2014	<a href="#">LOT - a special EU/MEeting in memory of Professor Arne Løkketangen</a>	Molde, Norway	1st April 2014
2nd-5th September 2014	<a href="#">International Conference on Operations Research (OR2014)</a>	Aachen, Germany	7th May 2014
8th-11th September 2014	<a href="#">EngOpt 2014</a>	Lisbon, Portugal	31st March 2014
9th-11th September 2014	<a href="#">UK ORS OR56</a>	London, UK	30th June 2014
8th-12th September 2014	<a href="#">Second International Conference on Set-Valued Variational Analysis and Optimization with Applications in Finance</a>	Bruneck-Brunico, Italy	2nd May 2014
24th-26th September 2014	<a href="#">EURO Mini Conference on "Stochastic Programming and Energy Applications"</a>	Paris, France	15th June 2014
24th-26th September 2014	<a href="#">The 15th International Conference on Operational Research KOI 2014</a>	Osijek, Croatia	1st July 2014
6th-10th October 2014	<a href="#">CLAIO XVII / CSMIO III Joint ALIO/SMIO Conference</a>	Monterrey, Mexico	1st May 2014
8th-11th October 2014	<a href="#">3rd International Conference on Variable Neighborhood Search</a>	Djerba, Tunisia	8th June 2014
8th-10th December 2014	<a href="#">VIII ALIO/EURO Workshop on Applied Combinatorial Optimization</a>	Montevideo, Uruguay	9th June 2014
9th-12th December 2014	<a href="#">Special Session on Optimization Methods in Bioinformatics and Bioengineering (OMBB)</a>	Orlando, Florida, USA	15th June 2014



11th-13th January 2015	<a href="#">2015 INFORMS Computing Society Conference</a>	Richmond, Virginia	20th October 2014
30th March-1st April 2015	<a href="#">EURO Mini Conference on Improving HealthCare: new challenges, new multidisciplinary approaches</a>	Coimbra, Portugal	17th October 2014
20th-22nd April, 2015	<a href="#">ORPA'2015</a>	Algeria, Africa	5th October 2014
11th-13th May, 2015	<a href="#">INCOM2015</a>	Ottawa, Canada	15th October 2014
15th-27th June 2015	<a href="#">EURO Summer Institute on Online Optimization</a>	Szeged, Hungary	30th September 2014

## Contact Us

Do you have an item to be included in the next newsletter? Just contact us at [manager@euro-online.org](mailto:manager@euro-online.org)



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