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## The Association of European Operational Research Societies

EURO Newsletter # 7  
Oct 24, 2013

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## IFORS 2014 Announcement and Call for Papers Barcelona, Spain, July 13-18, 2014



We invite you to participate in the IFORS 2014 Conference and to submit an abstract.

### Important dates

- Abstract submissions open: **1 November 2013**
- Abstract submissions close: **31 January 2014**
- Early Registration: **1 November 2013- 28 February 2014**
- Regular Registration: **1 March - 30 April 2014**
- Late and on-site registration: **1 May - 13 July 2014**

The IFORS 2014 Triennial Conference will be held in Barcelona, Spain, July 13-18 2014. It will bring operational researchers from around the globe together.

Barcelona is a dynamic, open, and inviting city, in the Mediterranean coast of Spain, which displays the characteristics of major Mediterranean cities and inherits a millenarian tradition in science, art and commerce. The venue is Barcelona International Convention Center, which was built for Barcelona's International Cultural Forum in 2002 and counts with all the facilities to host major conferences.

The Conference Organizing and Program Committees together represent many countries from all five continents, bringing the research, applications and perspectives of their areas to this international forum. We are working to prepare an attractive scientific program covering the full spectrum of topics in our field, with a diverse and high quality number of participants sharing their knowledge and experience of operational research.

All attendees, including speakers and session chairs, must register and pay the registration fee. If you need an early confirmation for visa or budgetary reasons, please contact [info@ifors2014.org](mailto:info@ifors2014.org). For all other aspects, please contact the conference secretariat [ifors2014@pacifico-meetings.com](mailto:ifors2014@pacifico-meetings.com).

Learn, enjoy, and be part of the great IFORS community by participating in IFORS 2014. Organize a session, give a talk and experience this great city!

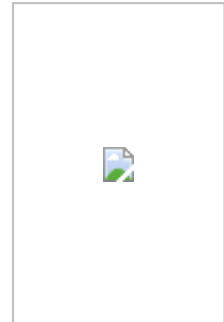
**Elena Fernández.** Organizing Committee Chair  
**Stefan Nickel.** Program Committee Chair

See more at [www.ifors2014.org](http://www.ifors2014.org)

## Call for Featured Papers on Decision Support for Resilient Societies

### Guest Editors

Tina Comes (University of Agder)  
Valentin Bertsch (Karlsruhe Institute of Technology)  
Simon French (University of Warwick)  
Jutta Geldermann (University of Göttingen)



### Motivation

Societies are increasingly dependent on critical infrastructures (CIs), such as energy supply, communication and transport. The interconnectedness of CIs brings new challenges for risk and crisis management. While in the past the impacts of CI disruptions were mainly regional, today they may cascade across globalised networks. An additional challenge is constituted by the fact that functioning CIs are of vital importance for emergency management; while at the same time they are themselves prone to failure. Emergency planning and analysis are core to building resilient systems and organisations in terms of responsiveness and adaptability. To achieve resilient societies it is important to understand the relations of all systems as well as the roles and structures necessary to counter any occurring risk. Due to the interconnectedness of modern societies, integrated approaches are needed which consider different criteria and bring together input from different disciplines. In this context, decision analytical methods support the decision processes of industrial companies, policy makers, regulators and other stakeholders including the public.

The **EURO Journal of Decision Processes (EJDP)** will publish a set of featured papers on exploring how decision makers can be supported in building resilient societies in the light of increasing dependence on CIs, complexity and uncertainty. **EJDP**-which has been recently established by the **Association of European Operational Research Societies (EURO)**-publishes papers that contribute to the understanding and appropriate use of operational research in supporting different phases of decision making processes. More information on EJDP is at <http://www.springer.com/40070>

### Contents

The editors invite contributions bridging the gap between operational research, modelling of CI systems and behavioural or rational decision making studies from crisis and emergency management, for example:

- Modelling and simulating the consequences of CI disruptions across society for decision support
- Robust and resilient system planning and risk management
- Illustrative studies on the dynamic vulnerability and resilience development of CI systems
- Collaborative and participatory techniques of (multi-criteria) decision support
- Stress testing of CIs in terms of all societal and economic impacts
- Risk perception, acceptance research and prospect theory
- Methods for handling uncertainty at different crisis stages, or across crisis stages

### Schedule

Prospective authors are invited to submit a full paper to the Manuscript Central editorial system (<https://www.editorialmanager.com/ejdp>, article type **SI: Resilient Societies**). Alternatively, they may send the Guest Editors a three-page extended abstract describing the proposed contribution for feedback (email [tina.comes@uia.no](mailto:tina.comes@uia.no)). The planned schedule is as follows:

**October 31, 2013:** Deadline for the submission of extended abstracts

**January 31, 2014:** Deadline for submission of full papers

**December 15th, 2014:** Final decision notification

**1st quarter of 2015:** Publication of Featured Papers

EWG Project Management and Scheduling - 14th International  
Conference on Project Management and Scheduling

<http://www.pms2014.wi.tum.de/index.php?id=5&L=1>

PMS is an international conference series devoted to Project Management and Scheduling. It was inaugurated by the European Working Group on Project Management and Scheduling ([EURO - EWG Project management and scheduling](#)), coordinated by Prof. Jan Weglarz from the Poznan University of Technology (Poland). The EWG gathers together more than hundred members, primarily from various European countries (<http://www.cs.put.poznan.pl/pms/members.php>).

The EWG decided to organize a workshop every two years. The **workshops** provide an ideal opportunity to discuss recent and important issues in the field of project management (planning, scheduling, control) and machine scheduling (single and parallel machine problems, flow shop, job shop, etc.).

### Call for Papers

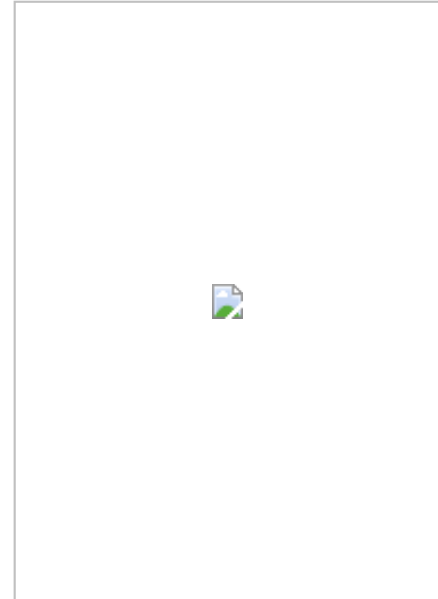
The workshop topics include, but are not limited, to the following:

#### Project management

- Network modeling,
- Project scheduling,
- Resource management,
- Due-date management,
- Project risk management,
- Project scheduling under uncertainty,
- Proactive/reactive project scheduling,
- Multicriteria project scheduling,
- Applications,
- Software.

#### Machine scheduling

- Shop scheduling,
- Scheduling with additional constraints,
- Machine assignment and scheduling,
- Flexible/robust scheduling,
- Grid scheduling,
- Multicriteria scheduling,
- Applications,
- Software.



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### Deadline

All participants who wish to present their work at the conference must submit an extended abstract of not more than 4 single-spaced A4 pages by **November 15, 2013**.

The abstract must be self-contained, informative and should contain the main results and conclusions.

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### Submission guidelines

1. Download the [LaTeX template](#) or [Word template](#) to write your abstract for PMS 2014. Note that the maximum length of the abstract, which is to be written in English, is limited to four single-spaced A4 pages using font size 10.
2. Extended abstracts must be submitted as a PDF file. Use [this form](#) to upload the file.
3. Submitted abstracts will undergo a peer review process. Accepted extended abstracts will be published in the conference program book.

If you have any questions regarding the submission process, please contact [Rainer Kolisch](#).

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## First Call for papers for the KOI 2014 conference. Osijek, Croatia, September 24-26, 2014



The KOI 2014 will be organized by Croatian Operational Research Society (CRORS), Faculty of Economics in Osijek, and Department of Mathematics, University of Osijek. Osijek is settled in the North East of Croatia, near the border of Hungary, in the middle of Slavonian plain.

### Objectives and Topics of the Conference

International Conference on Operational Research (KOI) brings together researchers and practitioners from various aspects of OR with the aim of establishing contacts, presenting scientific ideas and experiences.

Conference topics are: Linear and Non-linear Programming, Integer Programming, Combinatorial and Discrete Optimization, Multi-objective Programming, Stochastic Models and Optimization, Scheduling, Macroeconomics, Economic Theory, Games, Statistics and Econometrics, Marketing and Data Analysis, Information and Decision Support Systems, Banking, Finance, Insurance, Environment, Energy, Health Neural Networks and Fuzzy Systems, Control Theory, Simulation, Practical OR and Applications.

There will be plenary lectures of 45 minutes, contributed lectures of 15 minutes for presentation and additional 5 minutes for discussion.

### **Special Section in Honor of prof. Luka Neralic on Occasion of His 70th Birthday**

One of the KOI 2014 sections will be dedicated to the occasion of prof. Luka Neralic's 70th birthday. Prof. Luka Neralic was one of the founders and the first president of Croatian Operational Research Society (CRORS). He made valuable contribution to development of OR in Croatia and to international recognition of CRORS. The areas of his research include data envelopment analysis (DEA), linear programming, parametric programming, multi-objective programming, sensitivity and stability analysis.

### **Program Committee**

- Rudolf Scitovski, University of Osijek, Croatia, chair
- Zdravka Aljinovic, University of Split, Croatia
- Josip Arneric, University of Zagreb, Croatia
- Zoran Babic, University of Split, Croatia
- Vlasta Bahovec, University of Zagreb, Croatia
- Majda Bastic, University of Maribor, Slovenia
- Valter Boljuncic, University of Pula, Croatia
- Jose Rui Figueira, Technical University of Lisbon, Portugal
- Tihomir Hunjak, University of Zagreb, Croatia
- Dragan Jukić, University of Osijek, Croatia
- Damir Kalpić, University of Zagreb, Croatia
- Goran Lesaja, Georgia Southern University, USA
- Zrinka Lukac, University of Zagreb, Croatia
- Robert Manger, University of Zagreb, Croatia
- Marija Marinovic, University of Rijeka, Croatia
- Ljubomir Martić, University of Zagreb, Croatia
- Luka Neralic, University of Zagreb, Croatia
- Snjezana Pivac, University of Split, Croatia
- Paolo Serafini, University of Udine, Italy
- Darko Skorin-Kapov, Adelphi University, USA
- Jadranka Skorin-Kapov, Stony Brook University, USA
- Alemka Segota, University of Rijeka, Croatia
- Kristina Soric, Zagreb School of Economics and Management, Croatia
- Greys Susic, University of Southern California, Los Angeles, USA
- Vijnja Vojvodic-Rozenzweig, Zagreb School of Economics and Management, Croatia
- Richard Wendell, University of Pittsburgh, Pittsburgh, USA
- Lidija Zadnik-Stirn, University of Ljubljana, Slovenia
- Marijana Zekic-Susac, University of Osijek, Croatia
- Sanjo Zlobec, McGill University, Canada

### **Organizing Committee**

- Marijana Zekic-Susac, University of Osijek, Croatia, chair
- Marina Jeger, University of Osijek, Croatia
- Ivan Soldo, University of Osijek, Croatia
- Martina Bris Alic, University of Osijek, Croatia

### **Venue and Accommodation**

Conference will take place at Faculty of Economics in Osijek, University of Osijek, Croatia, Gajev trg 7. City of Osijek is located at the North-East of Croatia in Slavonia region near the border of Hungary. It can be reached by car, bus or train. Nearest airports are in Zagreb and Budapest. Please find more information about travel, city of Osijek, hotels etc. on web site <http://www.osijek.hr/en/>.

### **Social events**

There will be an excursion to the Park of nature "Kopacki rit" with a boat trip, the visit to the rural area with traditional Slavonic food with famous sausages, dinner, wine degustation, and cultural events.

### **Conference Workshop - CRORS 2014 Teaching Effectiveness Colloquium (TEC)**

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

The workshop will be organized as a part of the KOI 2014 conference in three 60-minute sessions. Each session will cover one of the topics.

Topics:

- Engaging and Re-Engaging Students with Active Learning - James J. Cochran
- Excel-Based Tools for Teaching Analytics - Michael J. Fry
- Modeling for Insights - Jeffrey D. Camm

The Teaching Effectiveness Colloquium (TEC) has been previously organized by INFORMS & J.J. Cochran in USA, Uruguay, South Africa, Colombia, Kenya, India and Argentina.

Professor James J. Cochran has a rich experience in OR teaching methods. He has published a number of papers in journals, 5 books, and other publications in the area of OR. He is the Editor in Chief of the Wiley Encyclopedia of Operations Research and Management Science, Vols 1-8, Wiley-Blackwell, 2011, and was the Editor in Chief of the INFORMS Transactions on Education from 2007-2012. He is also the Founding Chair of IFORS/ INFORMS International Education Initiative.

We encourage especially young researchers and other scholars to attend the workshop in order to improve their teaching methodology in OR. Please apply for the workshop in advance to: [hdoi@hdoi.hr](mailto:hdoi@hdoi.hr).

### Instructions to 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 to authors at the conference web site <http://www.hdoi.hr/koi-conference>.

After the acceptance of the abstract, full paper should be submitted through the Online submission system. The extended abstracts will be published in 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 INSPEC, EconLit, Current Index to Statistics, Zentralblatt für Mathematik/Mathematics Abstract, EBSCO host, and other databases.

### Deadlines

**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

### Registration Fees

CRORS and SOR members	130,00 eur
Non-members	180,00 eur
Accompanying person (is not the author or co-author)	80,00 eur

The registration fee includes: Book of Abstracts, CRORR Journal (special issue), coffee breaks and social program costs, i.e. welcome reception and excursion. Meals and accommodation expenses are not covered. Registration fee should be paid by direct bank transfer (see [http://www.hdoi.hr/images/konferencija/First\\_Call\\_for\\_Papers\\_KOI2014.pdf](http://www.hdoi.hr/images/konferencija/First_Call_for_Papers_KOI2014.pdf))

### Conference Contact

Croatian Operational Research Society  
Trg J.F. Kennedyya 6, 10 000 Zagreb, Croatia  
[hdoi@hdoi.hr](mailto:hdoi@hdoi.hr)  
<http://www.hdoi.hr/koi-conference>

Marijana Zekic-Susac  
University of Osijek, Faculty of Economics in Osijek  
Gajev trg 7, 31000 Osijek, Croatia  
Tel: +385 31 224-456  
Fax: +385 31 211-604

The 10th International Conference on the Practice and Theory of  
Automated Timetabling - PATAT 2014  
York, United Kingdom, 26-29 August, 2014

<http://www.patatconference.org/patat2014/>

## AIM AND SCOPE

The International Series of Conferences on the Practice and Theory of Automated Timetabling (PATAT) is held biennially as a forum for both researchers and practitioners of timetabling to exchange ideas. PATAT 2014 which is the tenth in the conference series will be held in York, UK.

Whether it is sporting events, educational institutions, transportation or employee management the construction of efficient timetables which provide the maximum in way of flexibility for all constituent parts is as important as it is challenging. An increasingly important aspect within organisations is an automated approach which maximises all aspects of resource usage. In doing so a number of quantitative and qualitative challenges must be dealt with from both a technical and practical perspective.

An important aim of the conference is to align the needs of practitioners and the objectives of researchers. This is achieved through the presentation and application of leading edge research techniques. Practitioners and Researchers alike are encouraged to present their work and experiences with the overall goal of developing efficient and practical solutions. With this goal in mind, at PATAT 2014, researchers and practitioners will be brought together through a number of key presentations and workshops.

Topics of interest and themes of the conference include, but not limited to:

- Educational Timetabling
- Timetabling in Transport
- Employee Rostering
- Sports Timetabling
- Timetabling in Healthcare
- Mathematical Programming
- Constraint-Based Methods
- Expert Systems
- Knowledge Based Systems
- Fuzzy Systems
- Heuristic Search
- Metaheuristics (e.g., Evolutionary Computation, Simulated Annealing, Tabu Search, Ant Colony Methods)
- Systems to Build Systems (e.g., Hyper-heuristics, Algorithm Portfolios)
- Artificial Intelligence
- Operational Research
- Graph Colouring
- Resource Capacity Planning
- Parallel/Distributed Computing
- Hybrid Methods (e.g., Memetic Computing, Matheuristics)
- Machine Learning (e.g., Data Mining, Classifier Systems, Neural Networks)
- Multi-objective Approaches
- Multi-criteria Decision Making
- Foundational Studies (e.g., Complexity Issues)
- Timetabling Tools and Applications (e.g., Interactive and Batch Systems, Standard Data Formats, Ontologies, Experiences)

## PUBLICATION

Authors are invited to submit their work in one of three categories:

- 1) Full papers: Authors should submit papers describing significant, original and unpublished work.
- 2) Abstracts: People who wish to give a talk (e.g. practitioners, researchers with preliminary or incomplete papers) but do not want to submit a full paper can submit abstracts of up to 1000 words.
- 3) System demonstrations: Authors can also submit an abstract, describing the major properties and contribution of implemented and/or commercial timetabling systems.

All submissions will be peer reviewed by at least three members of the programme committee. Accepted papers will be invited for an oral presentation at the event and included in the PATAT 2014 proceedings after they are presented.

## JOURNAL SPECIAL ISSUE

Authors will be invited to submit extended versions of their original work as full papers for consideration to be published in a Special Issue of the Annals of Operations Research.

## IMPORTANT DATES

Paper Submission Deadline: **10 February, 2014**  
Notification of Acceptance: **29 April, 2014**  
Early Registration Closes: **30 June, 2014**

## PROGRAMME CO-CHAIRS

**Ender Özcan**  
University of Nottingham

**Edmund Burke**  
University of Stirling

**Barry McCollum**  
Queen's University Belfast

## ORGANISING COMMITTEE

### Tim Curtois

University of Nottingham

### Mike Earl

Loughborough University

### Bob John

University of Nottingham

### Julie Lane

Sheffield Hallam University

## The 12th INFORMS Telecommunications Conference March 2 - 4, 2014 in Campo Grande, Lisboa, Portugal



<http://www.informstelecom2014.fc.ul.pt/>

The 12th INFORMS Telecommunications Conference will be held March 2 - 4, 2014 in Campo Grande, Lisboa, Portugal.

In the tradition of the previous conferences, the 12th Conference will focus on the theory and application of operations research and management science to problems in telecommunications, with particular emphasis on new and emerging technologies. The conference is organized by the INFORMS Technical Section on Telecommunications.

Conference chair: **Luís Gouveia**

Conference co-chairs: **Maurício Resende** and **Youngho Lee**

Plenary speakers: Thomas Bonald (Telecom Paris Tech), Martin Grötschel (Zuse Institut Berlin) and Guy Leduc (Université de Liège)

2014 Doctoral Dissertation Award for Operations Research in Telecommunications

Abstract submission: **January 3rd, 2014**

The 3rd International Symposium in Combinatorial Optimization (ISCO 2014) will also be held from the 5th to the 7th of March, just after the INFORMS Telecommunications Conference, also at Campo Grande, Lisbon.

## Upcoming Conferences

2nd-4th December 2013	<a href="#">EUROFUSE Workshop 2013</a>	Oviedo, Spain	17th June 2013
11th-14th December 2013	<a href="#">European Workshop on Commodities and Financial Modeling (EWGCFM)</a>	Vienna, Austria	15th November 2013
28th-31st December 2013	<a href="#">2013 DEA Workshop on Productivity, Regulation and Transportation</a>	Jerusalem, Israel	15th July 2013
5th-9th February 2014	<a href="#">EURO Mini-conference on Optimization in the Natural Sciences</a>	Aveiro, Portugal	1st November 2013
17th-28th February 2014	<a href="#">EURO PhD School on Multicriteria Decision Making with Mathematical Programming</a>	Madrid, Spain	31st October 2013
2nd-4th March 2014	<a href="#">2014 INFORMS Telecommunications Conference</a>	Lisbon, Portugal	3rd January 2014
			15th

19th-21st March 2014	<a href="#">11th ESICUP Meeting</a>	Beijing, China	January 2014
23rd-25th June 2014	<a href="#">IPCO 2014 - The 17th Conference on Integer Programming and Combinatorial Optimization</a>	Bonn, Germany	15th November 2013
13th-18th July 2014	<a href="#">20th IFORS Conference</a>	Barcelona, Spain	31st January 2014
20th-25th July 2014	<a href="#">ORAHS 2014</a>	Lisbon, Portugal	18th April 2014
19th July-1st August 2014	<a href="#">EURO Summer Institute 2014. OR in Agriculture and Agrifood Industry</a>	Lleida, Spain	15th December 2013
26th-29th August 2014	<a href="#">The 10th International Conference on the Practice and Theory of Automated Timetabling - PATAT 2014</a>	York, UK	10th February 2014
24th-26th September 2014	<a href="#">The 15th International Conference on Operational Research KOI 2014</a>	Osijek, Croatia	1st July 2014

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