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# EURO Support for NATCOR Bursaries

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

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

The NATCOR course fees and accommodation (typically bed and breakfast) will be funded by EURO for successful candidates.

Applicants must be PhD students, from one of the EURO member countries or studying in one of the EURO member countries. (see **http://www.euro-online.org/web/pages/1457/member-societies**). Applicants must have good English Language skills as all NATCOR courses will be in English. Preference will be given to students in their first or second years but all are welcome to apply. Preference will also be given to applicants who have not previously received support from EURO for NATCOR or other PhD schools.

To apply for a bursary candidates should submit the application form (**http://www.euro-online.org/media_site/forms/NATCOR_App.doc**), their curriculum vitae (including their academic track record), a letter outlining their motivation to attend, and a letter of recommendation from their supervisor to the Vice President 2 of EURO:

Prof. José Fernando Oliveira

# European Journal of Operational Research
# Special Issue on Behavioural OR

**Guest Editors:**
L. Alberto Franco, Loughborough University, UK
Raimo P. Hamalainen, Aalto University, Finland

## Motivation
Within the OR field, there is an increasing interest in studying behavioural factors affecting model-based problem solving and decision making processes. Recently, the term Behavioural Operational Research (BOR) has been proposed to capture this new development and signal the emergence of an important field of future activity within OR (Ramalainen et al 2013). Defined broadly, BOR relates to the behavioural aspects of the use of OR in problem solving and decision support. The overall purpose of BOR is to make better use of OR by both experts and users, so that the intended benefits of OR are effectively realized in practice. Although behavioural issues have been acknowledged and studied by particular OR communities (e.g. decision analysis, system dynamics, game theory), much more behavioural studies are needed across the full spectrum of OR specialisms. This Special Issue will thus present a representative collection of high quality BOR studies designed to advance our understanding of how behavioural factors affect the conduct of, and interaction with, model-based processes that support problem solving and decision making.

## Contents
The purpose of this Special Issue is to engage operational researchers who have an interest in the behavioural aspects of OR practice. We will therefore consider conceptual and empirical manuscripts as long as they explicitly consider one or more behavioural dimensions within their work, and they seek to create a new body of knowledge concerning the role and impact of behavioural factors on model-based processes.
We encourage papers from OR scholars and practitioners that address, but are not limited to, the following area topics:

- Model building: What is the effect of behavioural factors on problem structuring, model specification, data collection, model validation, learning, and satisficing?
- Model-based interaction: How do individual and group behavioural characteristics affect model-based interactions and vice versa? What is the impact of the facilitator's behavioural characteristics on model-based interactions? What is the relation between behavioural factors and different model-based interaction formats (eg face-to-face vs online)?
- Modelling people behaviour: How can people behaviour be effectively modelled? What kind of OR modelling approaches are available to model different behaviours (e.g. crowd behaviour) in complex situations (e.g. emergencies) and systems (e.g. supply chain systems)? What is the role and impact of behavioural models for policy and practice?
- Communication with and about models: What is the effect of behavioural factors (including individual features such as educational, professional and cultural backgrounds) on the use of quantitative and qualitative visual models?
- Neurophysiological studies: What can we learn from analysing model-based processes from a neurophysiological perspective to understand the cognitive challenges demanded by different OR approaches?
- Cognitive biases: How do the biases observed in behavioural decision research transfer to OR model-based processes?
- Evaluation studies: What can we learn from adopting a behavioural lens to conduct empirical evaluations of different model-based processes?
- Non-expert use of OR approaches and models: What are the pitfalls and risks? Is quick learning possible?
- Teaching of OR: What is the impact of behavioural factors on OR teaching practices (including the use of software for teaching)? How to develop effective facilitation and systems intelligence skills?
- Ethics and OR: How can behavioural factors inform the ethical conduct of OR in practice?

We are interested in behavioural studies that focus on the use of quantitative and qualitative model-based processes that are typical of OR practice. We are also interested in studies that draw from a variety of different theoretical perspectives, such as psychology, economics, sociology, communication, and theories of practice. In terms of methodology, we welcome submissions in which a variety of research strategies and methods for collecting and analysing data are used.

## Submission Process
To aid in the development of papers, prospective authors are invited to submit an extended abstract (1,000 words) describing their proposed contribution to the Guest Editors by 01 September 2014
(E: l.a.franco@lboro.ac.uk or raimo.hamalainen@aalto.fi ).
All abstracts will receive a first screening and feedback by the Guest Editors, who will encourage authors of promising abstracts to submit their full papers to the Special Issue. Papers may be submitted directly to the Special Issue without

submitting an extended abstract.

Papers for the Special Issue should be prepared according to EJOR's guidelines for authors, and will undergo a normal reviewing process. Full manuscripts should be submitted to the online submission system of EJOR (**http://ees.elsevier.com/ejor/**) before 30 January 2015.

**Schedule and Dates**
01 September 2014   Submission of extended abstratcs
15 September 2014   Notification to authors regarding their extended abstracts
30 January 2015       Submission of full papers to EJOR
Winter 2016             Intended publication of Special Issue

**Reference**
Hamalainen, R. P., Luoma, J., & Saarinen, E. 2013. On the importance of behavioral operational research: The case of understanding and communicating about dynamic systems. European Journal of Operational Research, 228(3): 623-634.

# EURO Journal on Transportation and Logistics

## Special Issue on Packing Problems Arising in Transportation and Logistics

**http://transp-or.epfl.ch/euroJournal/special.php?id=9**

Aim of the special issue is to provide an insight of the most recent results of the research in new variants of packing and loading problems arising in transportation and logistics applications. In particular, new problems arising in Smart City, Last Mile integration, and City Logistics are welcome, as well as in broader definitions of existing packing and loading problems, including multi-dimensional and multi-attribute problems, integration between packing and routing, and stochastic problems. A special focus will be given to tactical and strategic problems, as well as to the management of uncertainty of the parameters.

Possible topics include (but are not limited to):
* Integration of packing and routing
* Uncertainty management and stochastic packing problems
* Introduction of realistic additional constraints
* Impact of additional operational constraints on packing algorithms
* Generalized packing algorithms
* Multi-attribute packing problems
* Rich and generalized packing problems

In order to submit a paper for a Special Issue, Log on the editorial manager using the Author Login.
Select Submit New Manuscript in the main menu.
In the drop down list associated with Choose Article Type, select the desired special issue. The entries corresponding to the special issues start with SI.

============================================================

Deadline to submit manuscripts: : **May 01, 2014**
Tentative publication date: April 01, 2015

Guest Editors:
Manuel Iori, University of Modena and Reggio Emilia, Italy, Manuel.Iori@unimore.it
Guido Perboli, Politecnico di Torino, Italy and CIRRELT, Montréal, Canada, guido.perboli@polito.it
Walter Rei, Université du Québec à Montréal (UQAM) and CIRRELT, Montréal, Canada, rei.walter@uqam.ca

# ESICUP, EURO Special Interest Group on Cutting and Packing

**EURO**
The Association of European
Operational Research Societies

## Renault Container Loading Challenge

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

**http://challenge-esicup-2015.org/**

RENAULT is interested in algorithms for operational context (with short execution runtime of one hour for the whole set

of instances) and also for simulation context (with longer execution runtime of 6 hours for the whole set of instances). Therefore two prizes (total of 14 000 euros) will be awarded for the two contexts.

The challenge is open to everyone, especially young researchers, except those working for the industrial partner having submitted the problem or any of its subsidiaries.

The challenge offers young researchers the opportunity to explore the requirements and difficulties encountered in real-life industrial problems. The challenge also allows senior researchers to show their knowledge and demonstrate their know-how on practical problems. This is a tremendous cooperation between the scienfic community and the industry.

**Provisional Schedule**

19th of March 2014 Challenge starts (qualification phase).

15th of April 2014 Set A of instances provided.

30th of September 2014 Deadline for submitting a first version of computer program.

31st of October 2014 Announcement of the qualification results. Set B of instances available.

31st of January 2015 Deadline for submitting final program.

March-April 2015 Announcement of the final results and ranking on X instances.



# Hellenic Operational Research Society (HELORS)

# 3rd International Symposium & 25th National Conference on Operational Research

# Volos, Greece,  June 26-28, 2014

We are pleased to invite you to the **3rd International Symposium & 25th National Conference on Operational Research** which will take place at the **University of Thessaly** in Volos, Greece, on **June 26-28, 2014**, under the auspices of the **Hellenic Operational Research Society** (HELORS) and the **University of Thessaly** (UTH).

The **purpose** of the conference is to facilitate the exchange of scientific and technical information related to Operational Research and to promote international co-operation among researchers from different countries.

The **overall goal** is to promote Operational Research as a scientific tool of strategic importance for the efficient and effective modeling and solution of real life decision problems.

The **thematic focus** of this year's Conference is **Transportation, Energy and the Environment**.

A list of conference **topics** is available on the website.

**Abstract Submission:**

**Abstracts** (max 600 words) should be submitted electronically until **April 27, 2014** to **conferenceEEEE@gmail.com**.

**Important Deadlines:**

Deadline Abstract Submission: <span style="color:red">**April 27, 2014**</span>
Notification of Acceptance: **May 10, 2014**
Deadline early registration: **June 12, 2014**

**Registration:**

Early Bird Registration (before June 12, 2014): 300*€
Early Bird Registration (before June 12, 2014) for Students: 150*€
Regular Registration: 350*€
Regular Registration for Students: 200*€
Accompanying person: 50*€
**\*A 50% discount rate will be offered to the members of the HELORS**

**Invited Speakers:**

Prof. **Michael C. Caramanis**, Boston University, USA
Prof. **Panos M. Pardalos**, University of Florida, USA
Prof. **Vangelis Th. Paschos**, University Paris-Dauphine, France

**Publications:**

1. Accepted abstracts will be included in the **Book of Abstracts** that will be distributed to the participants at the beginning of the Conference.
2. The papers to be presented at the conference will be included, after review, in the **Book of Proceedings**, in electronic form with an official ISBN.
3. Selected papers will be published, after review, in **Special Issues** of the **international scientific journals**:
   – **Energy Systems**
   – **Operational Research: An International Journal**
   – **International Journal of Operations Research and Information Systems**

Additional information can be found on the **conference's website** (**http://eeee2014.epu.ntua.gr**).

**For further information, please contact:**
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f: +30 2421074059
e: **saharidis@gmail.com**

We look forward to welcoming you to the conference.

**The members of the Organizing Committee:**
**Georgios K.D. Saharidis** (University of Thessaly)
**George Liberopoulos** (University of Thessaly)
**George Kozanidis** (University of Thessaly)



# 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**

This year's International Conference on Operations Research (OR2014) takes place in the beautiful city of Aachen, Germany, the city of Charlemagne. We invite presentations in all areas of operations research, broadly interpreted, by researchers and practitioners in mathematics, computer science, business/economics, and related disciplines. We appreciate theory and applications, and in particular submissions related to the conference theme: business analytics and optimization.
The submission deadline is **April 30, 2014**, **www.or2014.de/abstract-submission/**

Notification of acceptance is end of May 2014. Accepted papers can be submitted for possible publication in Springer proceedings.

Plenary and semi-plenary speakers:

Brenda Dietrich, IBM

Mike Trick, Carnegie Mellon U

David Barber, University College London
Aharon Ben-Tal, Technion
Stephen Boyd, U Stanford
Karl Dörner, U Linz
Jan Fransoo, TU Eindhoven
Peter Gritzmann, TU Munich
Eva Lee, Georgia Institute of Technology
Andreas Marschner, DHL
Laura McLay, U Wisconsin-Madison
Jean-François Puget, IBM
Mikael Rönnqvist, U Laval
Rakesh Vohra, U Pennsylvania

Besides an attractive scientific program in 18 parallel streams, we will host pre-conference workshops, 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**
twitter: @or2014de
email: **info@or2014.de**

# Joint ALIO/SMIO Conference

# CLAIO XVII / CSMIO III

# Monterrey, Mexico, October 6-10 2014

The paper submission deadline is extended to 15 March 2014
Only-abstract submission deadline remains on **01 May 2014**
**http://pisis.fime.uanl.mx/claio2014/**

**CALL FOR PAPERS**

We invite members of the Latin-Iberian-American Association of Operations Research (ALIO) and the worldwide Operational Research (OR) community to take part in the XVII Latin-Iberian-American Conference on Operations Research held jointly with the III Conference of the Mexican Society of Operations Research (CLAIO/CSMIO 2014) in Monterrey, Mexico, October 6-10, 2014. The academic program will consist of parallel, technical, plenary talks, tutorials, and short courses, covering several aspects of OR.

**ABSTRACT / PAPER SUBMISSION**

To participate, an abstract of 1000 characters must be submitted. Additionally, an 8-page paper going through a review process may be submitted.

Papers and abstracts may be written in Spanish, English, or Portuguese, the three official languages of CLAIO. Accepted papers of registered authors will be published in the conference proceedings CD-ROM with an ISBN. All accepted abstracts will be published in the conference book of abstracts.

A post-conference special issue of "Annals of Operations Research" devoted to the best works of the conference will be published. See details on the conference web site.

**IMPORTANT DATES**

15/Mar/2014    (Optional) Paper submission deadline (extended deadline).
01/May/2014    Abstract submission deadline.
15/May/2014    Paper acceptance/rejection notification.
01/Jun/2014    Abstract acceptance/rejection notification.
15/Jun/2014    Camera-ready paper deadline.
31/Jul/2014    Early registration deadline

**CONFIRMED PLENARY SPEAKERS**

Carlos Coello Coello, CINVESTAV-IPN, Mexico
Elena Fernandez, Universitat Politecnica de Catalunya, Spain
Hector Cancela, Universidad de La Republica, Uruguay
Jonathan F. Bard, U. of Texas at Austin, USA
Sheldon M. Ross, U. of Southern California, USA

**CONFIRMED TUTORIAL SPEAKERS**

Alexis Takvorian, Dell, USA
Andres Weintraub, Universidad de Chile, Chile
Ignacio Grossmann, Carnegie-Mellon University, USA
Jose Holguin-Veras, Rensselaer Polytechnic Institute, USA
Ruben Ruiz, Universitat Politecnica de Valencia, Spain

**CONFIRMED MINI COURSE SPEAKERS**

Angelica Lozano, UNAM
Cristina Gigola, ITAM
Eduardo Fernandez, UAS
Idalia Flores, UNAM
Juan A. Diaz, UDLA

# 15th IFAC/IFIP/IEEE/IFORS Symposium on Information Control Problems in Manufacturing (INCOM 2015)

# Ottawa, Canada, May 11-13, 2015

**WWW.INCOM2015.ORG**

This is the first announcement of our triennial symposium INCOM 2015.

The INCOM symposium is the triennial flagship IFAC conference in the broad area of advanced manufacturing and complex information systems. The theme of INCOM 2015 is **"Advanced Information and Manufacturing Systems for a Sustainable Economy"**.
Papers are solicited on all aspects of design, modeling, implementation and operation of modern manufacturing and logistics systems. A list of technical topics is available on the website.

**IMPORTANT DATES**

Special/Invited Session proposals: September 1, 2014
Regular paper submission: October 15, 2014
Special/Invited Session paper submission: November 15, 2014
Notification of acceptance: January 16, 2015
Camera ready and registration: February 16, 2015

## Upcoming Conferences

| 1st-3rd May 2014 | ECCO XXVII - CO 2014 Joint Conference | Munich, Germany | 17th March 2014 |
|---|---|---|---|
| 2nd-4th May 2014 | SCOR14 | Nottingham, UK | 19th March 2014 |
| 5th-6th May 2014 | VeRoLog two-day Mini School on VRP 2014 | Bologna, Italy | 5th April 2014 |
| 29th-31st May 2014 | CMS 2014 | Lisbon, Portugal | 28th February 2014 |
| 2nd June 2014 | DORS A00 2014 | Copenhagen, Denmark | |
| 5th-6th June 2014 | 2014 INFORMS Revenue Management and Pricing Section Conference | Istanbul, Turkey | 31st March 2014 |
| 5th-7th June 2014 | ALEL 2014 | Seville, Spain | 2nd May 2014 |

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| 11th-13th June 2014 | GDN 2014 | Toulouse, France | 16th December 2013 |
| 11th-20th June 2014 | EURO Summer Institute 2014. Operational Research applied to health in a modern world | Bard, Italy | |
| 16th-20th June 2014 | ISOLDE XIII / EWGLA XXI | Naples and Capri, Italy | 10th March 2014 |
| 22nd-24th June 2014 | INFORMS Conference on The Business of Big Data | San Jose, California, USA | 14th April |
| 22nd-25th June 2014 | VeRoLog 2014 | Oslo, Norway | 1st February 2014 |
| 23rd-25th June 2014 | IPCO 2014 - The 17th Conference on Integer Programming and Combinatorial Optimization | Bonn, Germany | 15th November 2013 |
| 26th-28th June 2014 | 4th EURO Working Group conference on Operational Research in Computational Biology, Bioinformatics and Medicine | Poznan, Poland | 2nd March 2014 |
| 26th-28th June 2014 | HELORS 3rd International Symposium and 25th National Conference on Operational Research | University of Thessaly, Greece | 27th April 2014 |
| 29th June- 2nd July 2014 | Stochmod 2014 | Mannheim, Germany | 7th March 2014 |
| 2nd-4th July 2014 | EWGT2014 | Seville, Spain | 2nd March 2014 |
| 10th-11th July 2014 | ICORD 2014 | University of Lleida, Catalonia, Spain | 15th February 2014 |
| 10th-12th July 2014 | EUROPT2014 | Université de Perpignan Via Domitia, France | 28th March 2014 |
| 13th-18th July 2014 | 20th IFORS Conference | Barcelona, Spain | 10th February 2014 |
| 19th July- 1st August 2014 | EURO Summer Institute 2014. OR in Agriculture and Agrifood Industry | Lleida, Spain | 15th December 2013 |
| 20th-25th July 2014 | ORAHS 2014 | Lisbon, Portugal | 18th April 2014 |
| 28th-30th July 2014 | Optimization 2014 (APIDO) | Guimarães, Portugal | 31st March 2014 |
| 26th-29th August 2014 | The 10th International Conference on the Practice and Theory of Automated Timetabling - PATAT 2014 | York, UK | 28th February 2014 |

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| 1st-2nd September 2014 | [LOT - a special EU/MEeting in memory of Professor Arne Løkketangen](#) | Molde, Norway | 1st April 2014 |
| 2nd-5th September 2014 | [International Conference on Operations Research (OR2014)](#) | Aachen, Germany | 30th April 2014 |
| 8th-11th September 2014 | [EngOpt 2014](#) | Lisbon, Portugal | 31st March 2014 |
| 9th-11th September 2014 | [UK ORS OR56](#) | London, UK | 13th June 2014 |
| 8th-12th September 2014 | [Second International Conference on Set-Valued Variational Analysis and Optimization with Applications in Finance](#) | Bruneck-Brunico, Italy | 2nd May 2014 |
| 24th-26th September 2014 | [EURO Mini Conference on "Stochastic Programming and Energy Applications"](#) | Paris, France | 15th June 2014 |
| 24th-26th September 2014 | [The 15th International Conference on Operational Research KOI 2014](#) | Osijek, Croatia | 1st July 2014 |
| 6th-10th October 2014 | [CLAIO XVII / CSMIO III Joint ALIO/SMIO Conference](#) | Monterrey, Mexico | 1st May 2014 |
| 8th-11th October 2014 | [3rd International Conference on Variable Neighborhood Search](#) | Djerba, Tunisia | 1st May 2014 |
| 11th-13th January 2015 | [2015 INFORMS Computing Society Conference](#) | Richmond, Virginia | 20th October 2014 |
| 30th March-1st April 2015 | EURO Mini Conference on Improving HealthCare: new challenges, new multidisciplinary approaches | Coimbra, Portugal | |
| 11th-13th May, 2015 | [INCOM2015](#) | Ottawa, Canada | 15th October 2014 |
| 15th-27th June 2015 | [EURO Summer Institute on Online Optimization](#) | 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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