



EUROPT

Newsletter 25 of EUROPT

EUROPT - The Continuous Optimization Working Group of EURO

<http://www.iam.metu.edu.tr/EUROPT/>

November 2011

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Words from the chair

Dear Members of EUROPT,

It is a great pleasure for me to invite you to attend the 10th EUROPT Workshop on Advances on Continuous Optimization, EUROPT 2012. This annual main event of EUROPT will be organized in Shiauliai, Lithuania on July 5-7, 2012. The first call for papers of EUROPT 2012 can be found in this newsletter and further information is available at <http://www.mii.lt/EUROPT-2012/>. It will be regularly updated with latest information and news.

For several years, the highlight of EUROPT workshops has been the recognition of the efforts and contribution of some professional in the field of continuous optimization with the EUROPT Fellow title. The managing board of EUROPT has decided to make the procedure more open starting next year and we invite you, dear members of EUROPT, to take part. All EUROPT members are eligible to nominate a candidate for the fellowship by January 4, 2012. Please, find more information about the procedure of nominating candidates and criteria in this newsletter. The EUROPT managing board is responsible for making the final decision. The EUROPT Fellow 2012 will give an EUROPT Fellow Plenary talk in the workshop in Shiauliai.

There are many conferences, workshops and summer schools next year and information of many of them can be found in this and previous newsletters. There was no EURO conference in 2011 but EURO 2012 - EURO XXV International Conference will be organized in Vilnius, Lithuania on July 8-11, 2012 (<http://www.euro-2012.lt>). It takes place immediately after the EUROPT 2012 workshop and we hope that as many of you as possible could take part in both these events. As all EURO conferences, EURO 2012 will be a big event and has dozens of sessions. Over 170 streams are mentioned at the conference website (each containing many sessions of three to four talks). Among the streams there are 13 streams devoted to continuous optimization. If you are interested in organizing a session on multiobjective optimization, please, contact me. Contact persons of other streams are mentioned at <http://www.euro-2012.lt/streams1>.

Once again, many thanks to Tatiana Tchemisova, the Newsletter Editor, for her efforts in preparing this newsletter. As always, information to be included in the following newsletters is most welcome.

If you know a colleague who is not yet a member of EUROPT, please, invite new members to EUROPT. Becoming a member is simple: all that is needed is filling the form at http://anadolu.lib.metu.edu.tr/EUROPT/h_newuser.php. Remember that EUROPT has no membership fees! Note that the term of the current managing board of EUROPT will end in 2012. If you are interested in serving EUROPT as a member of the managing board, please, contact me!

With best wishes,

Kaisa Miettinen, Chair of EUROPT

University of Jyväskylä, Finland
and Royal Institute of Technology, Stockholm, Sweden
kaisa.miettinen@jyu.fi

EUROPT Workshop 2012: first call for papers

10th EUROPT Workshop on Advances in Continuous Optimization (EurOPT-2012)

Shiauliai, Lithuania

July 5-7, 2012

<http://www.mii.lt/EUROPT-2012>

Topics. The programme of our Workshop consists of tutorials, invited and contributed papers. We encourage those interested in e.g. the following topics to participate:

- convex optimization and generalized convexity;
- local nonlinear optimization;
- global nonlinear optimization;
- optimal control – theory and applications;
- multiobjective optimization;
- conic optimization and semidefinite programming;
- semiinfinite optimization;
- robust optimization;
- stochastic optimization;
- large-scale methods in global search;
- optimization in data mining;
- data visualization for optimal decisions;
- applications of continuous optimization to combinatorial problems;
- optimization in industry, business and finance;
- supply chain management;
- analysis and engineering of algorithms;
- software development.

Location and Venue. The workshop will be held in the Shiauliai city (<http://www.maps.lt/map>), located about 250 km from Vilnius. Shiauliai is the capital of Northern Lithuania having old historical traditions. Livonian Order Chronicles describe the battle of Saule between ancient Lithuanians and crusaders that took place not far from Shiauliai and later on gave the name for the city. The Workshop will be hosted by the Shiauliai University and the sessions will

take place in the Faculty of Mathematics and Informatics, P.Visinskio st. 19, Shiauliai.

Invited Speakers. Prof. Boris T. Polyak (Institute of Control Problems, Moscow, Russia), Prof. Adilson Xavier (University Federal Rio de Janeiro, Rio de Janeiro, Brasil). Other speakers will be announced later.

Registration fee.

Early registration (till May 25, 2012): for regular participants – 190 Eur, for students – 70 Eur;

Late registration (after May 25, 2012): for regular participants – 220 Eur, for students – 100 Eur

Conference fee includes a get-together party, conference dinner, coffee breaks, participants package, volume of abstracts, participation in the sessions and tutorials.

Travel. The participants who wish will be transferred from Vilnius to Shiauliai and back to Vilnius by bus (about 3 hours). The bus departs from Vilnius on July 4, at 18:00, and comes back from Shiauliai on July 7, at 12:00. Vilnius(<http://www.vilnius.sav.lt>), the capital of Lithuania, is directly connected by plane and other means of transport with many cities in Europe.

Accommodation. We have reserved a quotas of rooms in several hotels close to the meeting place. The list of hotels will be published later.

Social Programme. The social program of the Conference includes cheese party on the arrival day; reception by Mayor of Shiauliai; excursion to the Hill of Croisses (http://en.wikipedia.org/wiki/Hill_of_Crosses); the Farewell Party.

Organizing institutions.

- European Association of Operational Research Societies (EURO);
- EURO Working Group on Continuous Optimization (EUROPT);
- Lithuanian Operational Research Society (LitORS);
- Vilnius Gediminas Technical University, Vilnius, Lithuania;
- Institute of Mathematics and Informatics, Vilnius, Lithuania.

International Programme Committee.

- Mirjam Dr (University of Trier, Germany) - *Chair*
- Julius Zilinskas (Vilnius University, Institute of Mathematics and Informatics, Lithuania) - *Co-chair*
- Adil Bagirov (University of Ballarat, Australia)
- Nelson Maculan (University Federal Rio de Janeiro, Brasil)

- Kaisa Miettinen (University of Jyväskylä, Finland)
- Arkadi Nemirovski (Georgia Institute of Technology, USA)
- Yurii Nesterov (Universite Catholique de Louvain, Belgium)
- Leonidas Sakalauskas (VU Institute of Mathematics and Informatics, Lithuania)
- Fabio Schoen (Universite degli Studi di Firenze, Italy)
- Tatiana Tchemisova (University of Aveiro, Portugal)
- Tamas Terlaky (McMaster University, Hamilton, Canada)
- Otu Vaarman (Institute of Cybernetics, Estonia)
- Gerhard Wilhelm Weber (Middle East Technical University, Turkey)

Organizing Committee.

- Vaida Bartkute-Norkuniene (VU Institute of Mathematics and Informatics)- Co-Chair
- Valerijonas Dumskis (Shiauliai University, Lithuania)
- Grazvydas Felinskas (Shiauliai University, Lithuania)
- Donatas Jurgaitis (Shiauliai University, Lithuania) - Chair
- Liudvikas Kaklauskas (Shiauliai University, Lithuania)
- Sigita Turskiene (Shiauliai University, Lithuania)
- Gerhard Wilhelm Weber (Middle East Technical University, Turkey, EWG EUROPT)
- Ingrida Vaiciulyte (VU, Institute of Mathematics and Informatics, Lithuania)
- Kestutis Zilinskas (Shiauliai University, Lithuania)

Contacts. Secretariat of EurOPT-2012, Vilnius University, Institute of Mathematics and Informatics, Akademijos 4, LT-08663, Vilnius, Lithuania

Tel. +3705 2109323

Fax: +3705 2729209

E-mail: europt2012@vu.mii.lt

IMPORTANT DAYS

Deadline for abstract submission: April 30, 2012

Notification of acceptance: May 15, 2012

Early registration: May 25, 2012

Workshop: July 5-7, 2012

Forthcoming Events

- **Workshop "Progress in Applied Mathematics"**
Shanghai, China
December 20- 22, 2011

<http://www.scirp.org/workshop/am>

Scope. This workshop on the Progress in Applied Mathematics will be held from December 20 to December 22, 2011 in Shanghai, China. This workshop is sponsored by Scientific Research Publishing (An Academic Open Access Journal Publisher); it covers many hot topics in Statistics, Applied Mathematics, Computational Mathematics, Operations Research, Discrete Mathematics, Mathematical Finance and other related areas.

Venue. The Workshop will be held at Shanghai's Venice: Zhujiajiao (35km from the Airport), Shanghai, China. For more information about Zhujiajiao visit <http://en.zhujiajiao.com> Located in a suburb of Shanghai city, Zhujiajiao is an ancient water town well-known throughout the country, with a history of more than 1700 years. Covering an area of 47 square kilometers, the little fan-shaped town glimmers like a bright pearl in the landscape of lakes and mountains. Endowed with another elegant name - "Pearl Stream" - the little town is the best-preserved among the four ancient towns in Shanghai. Unique old bridges across bubbling streams, small rivers shaded by willow trees, and houses with courtyards attached all transport people who have been living amidst the bustle and hustle of the modern big city to a brand-new world full of antiquity, leisure and tranquility.

Registration Fees. 980 USA Dollars registered before Nov. 15, 2011 or 1180 USA Dollars after that time. This registration fee covers all the technical programs, lodging fees for two nights at 4 stars hotel, welcome reception, two lunches, welcome banquet, plus one day tour expenses. Papers presented in the workshop can be published in SCIRP journals after they are peer reviewed and accepted.

Contacts. For registration and more information about this workshop, please send e.mail: workshop@scirp.org

IMPORTANT DAYS

Check in and Welcome Reception: December 21, 2011

Technical Programs and Welcome Banquet: December 21, 2011

Group Tour: December 22, 2011

• **ELAVIO 2012**
XVI Latin American Summer School on Operations Research
(IFORS/EURO EXCHANGE OF YOUNG RESEARCHERS
PROGRAM)

Vale dos Vinhedos, Rio Grande do Sul, Brazil
February 5-10, 2012

www.inf.ufrgs.br/elavio2012/

Call for Candidates. The Association of European Operational Research Societies (EURO) is pleased to announce its sponsorship of two young OR researchers from EURO countries willing to participate and to present a short communication to the XVI ELAVIO organized by ALIO, the Latin-Ibero-American Operations Research Association, with the support of the International Federation of OR Societies (IFORS). EURO will cover the travel expenses of the two EURO participants and IFORS will cover the local costs. To apply, candidates 25-35 years old with a good knowledge of English should contact their National OR Society and send through email their application including (1) a complete CV, and (2) a paper proposal (complete text or a 3-5 pages extended abstract).

Each National OR Society will select one candidate and will send his/her candidature to the EURO/IFORS Vice-President who is responsible for the final selection through email and before 10 December 2011.

The EURO/IFORS Vice-President will evaluate and rank the candidates on the basis of two criteria, each counting for 50%

- CV (Diplomas, Publications, Conference presentations, Awards, etc.)
- Paper proposal (originality, quality of results, closeness to OR, real word applications, etc.)

The candidates ranked first and second in the ranking will be selected to participate to the Summer School.

Announcement of the selected candidates will be given before 15 December 2011

Contact. Prof. Elena Fernandez, EURO Vice-President of IFORS, Universitat Politècnica de Catalunya -Technical University of Catalonia, Departament d'Estadística i Investigació Operativa. Campus Nord, C5-208 Jordi Girona, 1-3 08034 Barcelona, Spain

Tel: +34 93 401 70 32

Fax: +34 93 401 58 55

Email: e.fernandez@upc.edu

- **25th Conference of the ECCO (European Chapter on Combinatorial Optimization)**
Antalya, Turkey
April 26 - 28, 2012

www.eccoxv.org

Topics of interest include but are not limited to

- applications of combinatorial optimization in logistics and supply chain management, manufacturing, energy production and distribution, telecommunications, game theory, bioinformatics, health informatics, healthcare, finance, discrete and hybrid dynamical systems, data mining, machine learning, and other fields
- exact solution algorithms, approximation algorithms, heuristics, and meta-heuristics for combinatorial optimization problems
- graph theory and network flows
- integer programming, global optimization, stochastic integer programming, multi-objective programming

Programm committee.

- Jacek BLAZEWICZ, Poznan University of Technology, Poland
- Domingos Moreira CARDOSO, University of Aveiro, Portugal
- Van-Dat CUNG, Grenoble INP, France
- Alain HERTZ, Ecole Polytechnique Montreal, QC, Canada
- Refail KASIMBEYLI (Co-Chair), Izmir University of Economics, Turkey
- Silvano MARTELLO, University of Bologna, Italy
- Xiaoling SUN, Fudan University, China
- Paolo TOTH, University of Bologna, Italy
- Gerhard-Wilhelm WEBER (Co-Chair), Middle East Technical University, Turkey

Plenary speakers.

- Bernard RIES, LAMSADE - Universite Paris-Dauphine
- Miguel F. ANJOS, Ecole Polytechnique de Montreal
- John SHAW-TAYLOR, University College, London

Organizing committee:

- **from Izmir University of Economics, Turkey:** Deniz Tursel Eliiyi, Ugur Eliiyi, Refail Kasimbeyli (*Co-chair*), Erdinc Oner, Arslan Ornek (*Co-chair*), Ozgur Ozpeynirci, Selin Ozpeynirci, Zeynep Sargut

- **from Middle East Technical University, Turkey:** Basak Akteke-Ozturk, Sinan Gurel, Yesim Aydin Son, Gurkan Ustunkar, Gerhard-Wilhelm Weber (*Co-Chair*), Kasirga Yildirak
- **from Suleyman Demirel University, Turkey:** Zeynep Alparslan Gok Ahmet Tokgozlu

Special Issue. Participants of ECCO 2012 are cordially invited for submitting papers for the special issue on Advances in Combinatorial Optimization and Related Topics of the journal Optimization. (<http://www.tandf.co.uk/journals/titles/02331934.asp>)

Contacts. For additional information, please contact

Zeynep Sargut, zeynep.sargut@ieu.edu.tr ;
Gerhard-Wilhelm Weber, gweber@metu.edu.tr

IMPORTANT DAYS

Deadline for abstract submission: February 1, 2012

Notification of acceptance: February 10, 2012

Early registration: March 10, 2012

Deadline for author registration: March 20, 2012

- **3rd Conference on Optimization Methods and Software**
Chania, Greece
May 13 - 17, 2012

<http://www.ise.ufl.edu/cao/OMS12>

General information. The conference is organized in relation to the **20th anniversary of the journal Optimization Methods and Software** (OMS) observed in 2012. The main topics are the same as those covered by the journal publications. This international conference aims on bringing together leading experts in the fields of optimization and computational methods to discuss recent advancements and trending topics.

Conference Chairs: Oleg Burdakov, Linkoping University and Panos Pardalos, University of Florida

Program Committee Chair: Luis N. Vicente, University of Coimbra

Organizing Committee Chair: E. Alper Yildirim, Koc University

Topics. The topics of the conference include, but are certainly not limited to the following subjects:

- Linear and Nonlinear Optimization
- Integer and Combinatorial Optimization
- Convex and Nonsmooth Optimization
- Global Optimization
- Semidefinite Programming
- Semi-infinite Programming
- Stochastic Optimization
- Complementarity and Variational Inequality Problems
- Network Optimization
- Scheduling Problems
- Optimal Control
- Automatic Differentiation
- Optimization Software

Plenary speakers: Mehiddin Al-Baali (Oman), Frederic Bonnans (France), Yuri Evchenko (Russia), Masao Fukushima (Japan), Andreas Griewank (Germany), Michael Hintermuller (Germany), Michal Kocvara (GB), Yurii Nesterov (Belgium), Panos Pardalos (USA), Liqun Qi (China), Andrzej Ruszczyński (USA), Ekkehard Sachs (Germany), Marco Sciandrone (Italy), Philippe Toint (Belgium), Stefan Ulbrich (Germany), Luis Nunes Vicente (Portugal), Yinyu Ye (USA), Alper Yildirim (Turkey), Ya-xiang Yuan (China).

Sessions organizers. All proposals regarding the organized sessions of the conference should be addressed to Luis N. Vicente.

Special Issue. Papers presented at the conference will be considered for peer-reviewed publication in a special issue of the journal Optimization Methods and Software. The paper length should not exceed 25 journal pages

IMPORTANT DAYS

Submission of abstract: January 15, 2012

Notification of acceptance: February 1, 2012

Early registration : March 31, 2012

Late registration : April 1, 2012

Submission of papers to Special Issue: September 30, 2012

• **12th Viennese Workshop Optimal Control, Dynamic Games and
Nonlinear Dynamics**
Vienna, Austria
May 30 - June 02, 2012

http://orcos.tuwien.ac.at/events/ocdgn_2012/
<http://orcos.tuwien.ac.at/vw12>

Aims and scope. Following the tradition of the preceding meetings in this series, the workshop aims at bringing together researchers in optimal control, dynamic games and nonlinear dynamical systems, as well as in economics, management, environment, population dynamics and social sciences.

Topics. The topics of the workshop will include, but are not limited to, the theory and numerical methods of optimal control, differential games, bifurcation theory, and a broad spectrum of applications involving dynamic economic models (including heterogeneous/distributed ones), dynamic models in population and health economics, economic geography, demography, epidemiology, social sciences, etc.

Conference streams:

- optimal control of ODE and PDE
- dynamic games
- nonlinear dynamical systems
- applications: economic dynamics, management, environment, demography, epidemiology, social sciences

Organizing Committee: G. Feichtinger, J. Haunschmied, A. Mehlmann, G. Tragler, V.M. Veliov (*chair*)

Scientific Committee: G. Bock (DE), R. Boucekkine (FR,BE), H. Dawid (DE), A.J. de Zeeuw (NL), G. Feichtinger (*chair, AT*), R.F. Hartl (AT), J. Haunschmied (AT), P.M. Kort (NL), A. Kryazhinskii (RU), A. Prskawetz (AT), R.T. Rockafellar (US), W. Semmler (US), G. Sorger (AT), G. Tragler (AT), V.M. Veliov (*co-chair, AT*), F. Wagener (NL), G. Zaccour (CA)

Plenary Speakers: T. Basar (US), J.P. Caulkins (US), E. Dockner (AT), H. Frankowska (FR), A. Haurie (CA), C.H. Hommes (NL)

Contact: Margit Kainerstorfer, margit.kainerstorfer@tuwien.ac.at

• **MOSIM12**
**9th International Conference on Modeling, Optimization
SIMulation**

Performance, interoperability and safety for sustainable development

Bordeaux, France
June 6-8, 2012

<http://www.lsis.org/mosim2012/>

General information. Created in 1997, the MOSIM conference is an opportunity to exchange new results in System Modeling, Optimization and Simulation among researchers from Academia and Industry. MOSIM12 is the 9th issue of the conference (see previous issues). The leading theme of MOSIM12 is "Performance, Interoperability and Safety for sustainable development". The conference promotes theoretical and methodological results and is open to the presentation of case studies.

Organization Committee.

Conference Chair: BOURRIERES Jean-Paul, IMS, University of Bordeaux, France

Local Chair: ALIX Thecle, IMS, University of Bordeaux, France

Publicity Chair: GRABOT Bernard, ENIT Tarbes, France

Web Chairs: HAMRI Maamar El Amine, LSIS, Aix-Marseille University, France and ZACHAREWICZ Gregory, IMS, University of Bordeaux, France

Members: Amrani A. IMS, Brunel S. IMS, Chen D. IMS, Clement S. IMS, Univ. of Bordeaux, Deschamps J.C. IMS, Ducq Y. IMS, Dupas R. IMS, Girard P. IMS, Labarthe O. IMS, Sperandio S. IMS.

International Programme Committee Chairs:

DEMONGODIN Isabel, LSIS, Aix-Marseille University, France and GIUA Alessandro, University of Cagliari, Italy

Steering committee: ARTIBA Abdelhakim, Universite de Valenciennes, France; DAUZERE-PERES Stephane, Ecole des Mines de Saint Etienne, France; DOLGUI Alexandre, Ecole des Mines de Saint Etienne, France; HABCHI Georges, Universite de Savoie, France; HENNET Jean-Claude, LSIS Marseille, France; ITMI Mhamed, Institut National des Sciences Appliquees de Rouen, France; PIERREVAL Henri, IFMA Clermont-Ferrand, France; VERNADAT Francois, European Court of Auditors, Luxembourg

Themes and Domains:

- **Topics:** Modeling methodologies; Simulation methodologies and tools; Simulation languages and architecture; Parallel and distributed simulation; Discrete event formalisms; Continuous and hybrid dynamic models; Stochastic models; Optimization methods; Game theory; Meta-heuristics; Multi-objective programming; Artificial intelligence; Agent directed simulation; Neural networks; Fuzzy modeling; Heterogeneous systems
- **Main Issues:** Design and optimization; Planning and scheduling; Performance evaluation; Supervision and control; Maintenance, diagnosis; Safety, Reliability, Availability; Indicators, sensitivity analysis, robustness; Risk and vulnerability management; Change and strategic management; Project management; Information and knowledge management; Sustainable development policy; Information and decision systems; Human modeling and simulation; Human factors and social issues; Re-design, re-engineering and recycling; Specification, verification and validation; Interoperability; Hybrid methodologies
- **Application Areas:** Production and services; Enterprise networks; Manufacturing; Traffic systems, intermodal transport; Transportation and logistics; Green supply chains; Green automation; Health care systems; Natural systems; Military systems; Renewable energy systems; Communication systems and networks; Real time and embedded systems; Web-based simulation and virtual reality

Organization Secretariat: Laboratoire IMS, UMR CNRS 5218 - Groupe Productique, 351 Cours de la Liberation, 33405 Talence Cedex France

Tel: +33 (0)5 40 00 25 25 - Fax: +33 (0)5 40 00 66 44

Mail: mosim2012@ims-bordeaux.fr (This e-mail address is being protected from spam-bots. You need JavaScript enabled to view it)

IMPORTANT DAYS

Submission of full papers / invited sessions: November 14, 2011

Acceptance notification: February 15, 2012

Submission of final papers: April 1, 2012

• EngOpt 2012
3rd International Conference on Engineering Optimization
Rio de Janeiro, Brazil
July 1 - 5, 2012

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

Aims and scope. A forum for Engineers, Mathematicians and Computer Scientists to share research and innovations, promoting interdisciplinary activities in all fields of Engineering Optimization. Contributions on Engineering Optimization, Multidisciplinary Design Optimization, Inverse Problems, Engineering Analysis Involving Optimization Techniques and Basic Optimization techniques in all disciplines of engineering are invited. Practical applications are strongly encouraged.

Organizers and sponsors.

Engopt 2012 is organized by Federal University of Rio de Janeiro and co-sponsored by ISSMO - International Society for Structural and Multidisciplinary Optimization, MOS - Mathematical Optimization Society

Organizing Committee:

- Jose Herskovits, *Chairman*, Mechanical Engineering Program - COPPE Federal University of Rio de Janeiro
- Miguel Aroztegui, UFRN
- Alfredo Canelas, UDELAR, Uruguay
- Grigori Chapiro, UFJF
- Antoli Leontiev, UFRJ
- Sandro Mazorche, UFJF
- Mario Tanaka, UFOP

International Organizing Committee:

- Kyung K. Choi, The University of Iowa, USA
- Carlos A. Mota Soares, Technical University of Lisbon, Portugal
- Helcio R. B. Orlande, Federal University of Rio de Janeiro, Brazil
- Argimiro R. Secchi, Federal University of Rio Grande do Sul, Brazil
- Ole Sigmund, President of ISSMO, Technical University of Denmark, Lyngby
- Stephen Wright (*Vice chair*) Mathematical Optimization Society, University of Wisconsin, United States

Advisory Board: B. Chachuat, Imperial College London, United Kingdom; George S. Dulikravich (Editor: Inverse Problems in Science and Engineering) Florida International University, United States; Christodoulos A. Floudas, Princeton University, USA; Ignacio E. Grossmann, Carnegie Mellon University, United States; Nelson Maculan Filho, COPPE/Federal University of Rio de Janeiro, Brazil; Wolfgang Marquardt RWTH -

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Conference Themes.

- DESIGN OPTIMIZATION AND INVERSE PROBLEMS: Acoustic, Aerodynamics, Chemistry and combustion, Civil Engineering, Design of Experiments, Electrical Systems, Electromagnetism, Fluid Mechanics, Geophysics, Heat and Mass Transfer, Imaging, Materials processing, Mechanical Engineering, Meteorology, Nuclear Engineering, Planning, Robotics, Solid Mechanics, Scheduling, Tomography, Vibrations and Structural Dynamics
- BASIC NUMERICAL OPTIMIZATION TECHNIQUES: Shape Optimization, Size Optimization, Topology Optimization, Mathematical Programming Algorithms, MDO - Multidisciplinary Design Optimization, Optimality Criteria Methods, Genetic Algorithms, Evolutionary Techniques, Fuzzy Optimization, Optimization with Approximate Models, Response Surface Methods, Metamodels and Surrogates in Optimization, Artificial Intelligence and Neural Networks, Multi-objective Optimization, Global Optimization, Decomposition Methods, Concurrent Engineering, Robust Design, Reliability-Based Design Optimization, Multi-scale Optimization, Efficient Analysis and Reanalysis Techniques with Finite Elements Method, Boundary Elements Method, Finite Differences Method, Finite Volume Method, Meshless Methods, Sensitivity Analysis, Analytic and Semi-analytic Formulations, Variational Formulation ?Automatic Differentiation, Topological Derivatives and other techniques
- INDUSTRIAL APPLICATIONS: Aeronautical Industry, Automotive Industry, Bio - Mechanics Applications, Chemical Processing Equipments, Energy Generation and Transmission, Machinery Optimization, Micro-Mechanics Systems - MEMS, Micro and Nano - Technologies, Oil and Gas Industries, Space Industry and other Industrial Applications

IMPORTANT DAYS

Pre-registration is open: now

Registration and abstract submission is open: November 1, 2011

Deadline for the short abstract, to be included in the proceedings book of the conference: March 1, 2012

Notification for paper acceptance : March 15, 2012

Deadline for early registration: March 30, 2012

Deadline for presenting authors registration: April 30, 2012

Final Program on the conference website: May 15, 2012

• **EURO XXV**
**25TH EUROPEAN CONFERENCE ON OPERATIONAL
RESEARCH**
Vilnius, Lithuania
July 8 - 11, 2012

www.euro-2012.lt

(SECOND ANNOUNCEMENT AND CALL FOR PAPERS)

The Organizers of the 25th EURO Conference have a great pleasure of inviting you to take part in this Conference to be held in Vilnius, Lithuania on 8-11 July, 2012.

The Programme and Organizing Committees, chaired by Marielle Christiansen and Leonidas Sakalauskas, are preparing a high quality scientific programme and an exciting social programme for the Conference.

We are convinced that the EURO XXV Conference will be an excellent opportunity for the OR community to get together again in a pleasant atmosphere, and, thus, we are looking forward to meeting you in Vilnius, the historical capital of Lithuania, in 2012!

Plenary, keynote and tutorial speakers. Outstanding Keynote Speakers will present the state-of-the-art in Operations Research and outline pathways of its future developments. More information on their presentations will be announced soon. Please follow up further information at the EURO XXV Conference webpage.

Call for papers and sessions. We invite all researchers, academicians, practitioners, as well as students interested in any branch of operational research, mathematical modelling or economic analysis to participate at the Conference and to present their papers. Invited and contributed papers will be organized in parallel sessions. In general, sessions will be a part of the Conference streams, and streams are grouped by areas. No participant can present more than one paper at the Conference.

Abstract submission and registration are done online, via the Conference web page (www.euro-2012.lt) Researchers who want to organize a stream or an invited session or contribute with a paper within an invited session should contact the PC member of the corresponding area.

Areas and PC members in charge.

- Continuous Optimization (G.-W. Weber);
- Control Theory System Dynamics (R. Hartl);
- Data Mining Knowledge Discovery and Artificial Intelligence (V. Mousseau);
- DEA and Performance Measurement (E. Fernandez);
- Decision Analysis, Decision Support Systems (V. Mousseau);
- Discrete Optimization, Geometry Graphs (S. Martello);

- Emerging applications of OR (G.-W. Weber);
- Energy/Environment and Climate (P. Letmathe)
- Financial Modeling Risk Management (S.W. Wallace);
- Fuzzy Systems and Softcomputing (S.W. Wallace);
- Game, Theory, Mathematical Economics (G.-W. Weber);
- Location (E. Fernandez);
- Logistics, Transportation, Traffic (M. Sevaux);
- Metaheuristics (R. Hartl);
- Multiple Criteria Decision Making and Optimization (V. Mousseau);
- OR Education, History, Ethics (M. Sevaux);
- OR in Health Life Sciences (K. Aardal);
- OR in industry and software for OR (M. Rnnqvist);
- OR in Natural Resources (M Rnnqvist);
- OR for Development and Developing Countries (G.-W. Weber);
- Production Management Supply Chain Management (E. Fernandez);
- Revenue Management Managerial Accounting (P. Letmathe);
- Scheduling, Time Tabling Project Management (M. Sevaux);
- Simulation Stochastic Programming and Modelling (S.W. Wallace);
- Soft OR and Problem Structuring Methods (S.W. Wallace);
- Telecommunication Networks (K. Aardal)

Programme Committee

- Marielle Christiansen *Chair*, Norway (marielle.christiansen@iot.ntnu.no)
- Karen Aardal, The Netherlands (K.I.Aardal@tudelft.nl),
- Elena Fernandez, Spain (e.fernandez@upc.edu),
- Richard Hartl, Austria (richard.hartl@univie.ac.at),
- Silvano Martello, Italy (silvano.martello@unibo.it),
- Vincent Mousseau, France (vincent.mousseau@ecp.fr),
- Peter Letmathe, Germany (peter.letmathe@uni-siegen.de),
- Mikael Rönnqvist, Norway (mikael.ronnqvist@nhh.no),
- Leonidas Sakalauskas, Lithuania (sakal@ktl.mii.lt),
- Marc Sevaux, France (marc.sevaux@univ-ubs.fr),
- Stein W.Wallace, United Kingdom (stein.w.wallace@lancaster.ac.uk),
- Gerhard Wäscher, Germany (Gerhard.Waescher@WW.Uni-Magdeburg.DE),
- Gerhard-Wilhelm Weber, Turkey (gweber@metu.edu.tr).

Organizing Committee.

- Leonidas Sakalauskas - *Chair*, Lithuania
- Marielle Christiansen, Norway
- Gerhard Wäscher, Germany
- Saulius Preidys, Lithuania
- Tatjana Vilutiene, Lithuania
- Jonas Zaptorius, Lithuania

Awards. During the EURO XXV conference the following prizes will be awarded:

- The EURO Gold Medal 2012,
- The EURO Distinguished Service Medal (EDSM 2012),
- The EURO Doctoral Dissertation Award (EDDA 2012),
- The EURO Excellence in Practice Award (EPA 2012),
- the EURO/ROADEF Challenge 2012.

The program in brief.

The Conference starts July 8 (Sunday), 4 pm, with the Opening Session, including the awards ceremony. This will be followed by the Welcome Reception at the Lithuanian National Opera and Ballet Theatre, at 6 pm.

The working sessions will occupy most of the following three days, July 9-11, starting Monday morning.

In the evening of July 9 conference participants and accompanying persons are invited to a Reception by the Mayor of Vilnius, followed by a dance performance.

The Conference Gala Dinner will be held in the evening of July 10, at the yard of Vilnius Picture Gallery which is an outstanding building of the late classicism style and one of the finest ensembles of its kind in Vilnius.

In the late afternoon of July 11, the Conference ends with another social event which should not to be missed: The Farewell Party, being held in the courtyard of Vilnius University.

Conference secretariat. AIM Group Baltic, Kestucio 59/27, Vilnius, Lithuania

Phone: +370 212 00 03, fax: +370 212 00 13

E-mail:

IMPORTANT DAYS

Registration starts: September 25, 2011

Deadline for abstract submission: February 29, 2012

Notification of acceptance: March 31, 2012

Deadline for early registration: April 22, 2012

Deadline for author registration (for inclusion in the program): May 1, 2012

• **PCO 2012**
6-th Global Conference on Power Control and Optimization
Las Vegas, USA
August 6 - 8, 2012

<http://www.pcoglobal.com/>

Scope. The scope of the conference is contemporary and original research and educational development in the area of mechanical, electrical, communication, sustainable energy, controllers, robotics, wireless sensors, biomedicine, computing, nano-science, management, environment, business, continuous and hybrid optimization.

Prospective authors from universities or other educational institutes and industry are invited to submit abstract and/or full paper by email before the deadline. All papers submitted before the deadline will be peer reviewed by independent specialists.

The conference proceedings will be published in the PCO CD. Selected reviewed and registered papers will be published online by AIP proceeding. Some other selected papers will be requested to submit an extended version to Elsevier, Springer, InderScience, GJTO, Taylor Frances, PEP and others for special issue journal publication. These will be re-reviewed by the journal editorial boards

Proposals for holding tutorial, workshop, special session, exhibition are invited from academia and industrial bodies, and should be addressed to the conference secretariat. The conference organizing committee is currently looking for financial sponsors from industry, academia, and professional bodies.

Organizing Committee. Nader Barsoum, Australia, David Faiman, Israel, Jeffrey Webb, UK, Pandian Vasant, Malaysia, Rami Hikmat Fouad, Jordan, Rabi W Yousif, Iraq

Steering Committee. Liron Yedidsion, Israel, Ivan Zelinka, Czech Republic, Gerhard W. Weber, Turkey, Dragica Vasileska, USA, Nikolai I. Voropai, Russia, Mingcong Deng, Japan, Sermsak Uatrongjit, Thailand, Adil Bagirov, Australia

International Program Committee. Janos Sebstyen, Hungary; Gianfranco Rizzo, Italy; Alexis Polycarpou, Cyprus; Wolfgang Borutzky, Germany; Habil Jiří Jaromír Kleme, Hungary; Vitezslav Benda, Czech Republic; Cevetco Andreeski, Macedonia; Celso Ribeiro, Brazil; Dan Geiger, Israel; Raymond Perrault, USA; Musa Mammadov, Australia; Igor Tyukhov, Russia; Weerakorn Ongsakul, Thailand; Erik Kropat, Germany; Anatoly Yagola, Russia; Davor Skrllec, Croatia; Wei Xu, UK; Milorad Bojic, Serbia; Igor Papic, Slovenia; Zoran S. Filipi, USA; Felix A. Blyakhman, Russia

Topics. The Topics of the conference include, but are not limited to, the following:

- Hybrid energy saving and biotechnology
- Future energy planning and the environment
- Power systems, protection and reliability

- Scheduling, distribution and chaos
- Micro-grids, bond graph theory and stability
- Controllers, drives and machine design
- Smart systems, mechatronics and robotics
- Nano physics, NEMS and MEMS
- Simulators and software engineering
- Soft computing and computational intelligence
- Fuzzy and hybrid optimization
- Healthcare, bioinformatics, signal processing
- Body sensors, monitoring and medical devices
- Artificial immune systems and neural networks
- Game theory and continuous optimization
- Evolutionary algorithms and economics
- Operational research and management
- Industrial Informatics and planning
- Production design and rough sets
- Line searches, pattern and decision making
- Mobile and wireless communications
- Cloud networks and real-world energy efficient
- Scheduling and assignment problems
- Engineering education, teaching and learning
- Cams, gears and valve optimization
- Civil structures and micro-transportation

Contacts. pcoglobal@gmail.com

IMPORTANT DAYS

Submission of abstract: April 6, 2012

Notification of acceptance: April 20, 2012

Submission of full paper: May 5, 2012

Notification of full paper acceptance: May 20, 2012

Early Registration with Full Payment: June 6, 2012

**• 12th Workshop on Optimization and Inverse Problems in
Electromagnetism
Ghent, Belgium
September 19-21, 2012**

www.oipe2012.ugent.be

Aims and scope. The workshop will be organized by the Department of Electrical Energy, Systems and Automation (EESA), Faculty of Engineering and Architecture of the Ghent University. The OIPE workshop was first established in 1989 and now comes to its 12th edition. The aim of this workshop is to discuss recent developments in optimization and inverse methodologies and their applications to the design and operation of electromagnetic devices. It is intended to establish an occasion when experts in electromagnetics and other areas (in e.g. engineering, mathematics, physics), involved in research or industrial activities, can discuss on the theoretical aspects and on the technical relevance of optimization and inverse problems, in the general framework of the innovation in electromagnetic methods and applications. Moreover, prior to the workshop, several PhD courses will be organized on September 17th-18th, 2012, with respect to optimization and inverse problems in electromagnetism with eminent international professors. The workshop will offer an exciting technical program, with invited and contributed oral presentations as well as a number of poster sessions.

Workshop Chairman: Luc Dupré

Workshop Secretary: Guillaume Crevecoeur

International Steering Committee: J. Haueisen, (*Chairman*), H. Brauer, P. Brochet, J.-L. Coulomb, G. Crevecoeur, P. Di Barba, L. Dupré, A. Formisano, L. Gerbaud, A. Gottvald, R. Martone, L. Krähenbühl, D. Lowther, C. Magele, I. Marinava, G. Molinari, K. Miettinen, M. Repetto, M. Rudnicki, B. Sareni, A. Savini, S. Wiak, F. Wurtz, I. Yatchev

Local Steering Committee: A. Abdallah, G. Crevecoeur, N. De Geeter, T. Dhaene, I. Dubois, L. Dupré, H. Rogier, P. Sergeant, J. Melkebeek, H. Hallez, B. Van de Wiele, M. Van den Bossche, R. Van Keer, N. Vermeulen

Scientific topics.

1. *Theoretical aspects and fundamentals:* (a) mathematical theory and formulation of inverse and optimization problems, (b) regularization techniques, (c) model order reduction (MOR), (d) identification problems, (e) sensitivity analysis, (f) new approaches.
2. *Algorithms:* (a) reconstruction techniques, (b) deterministic, stochastic and hybrid techniques, (c) multi-objective and multi-level optimization, (d) heuristic approaches, (e) design of experiments, (f) constraints, (g) robust optimization under uncertainty, (h) objective functions and direct problems, (i) numerical efficiency, (j) numerical problems, (k) new techniques.

3. *Applications:* (a) optimal design in electrical and electronic engineering, (b) optimization in information and communication systems, (c) non destructive evaluation, (d) industrial and biomedical tomography, (e) optimization in measurement systems, (f) optimization and inverse problems in biomedical engineering, (g) control systems, (h) large scale systems, (i) mechatronics, (j) nano- and microsystems (MEMS, NEMS), (k) benchmark problems, (l) coupled problems, (m) other applications.
4. *Software methodologies:* (a) parallel and distributed computing, GPU computing, (b) soft computing and artificial intelligence, (c) new methodologies.

Digest publications. The authors are encouraged to submit a two-page digest due by May 14th, 2012. Online submission is required and facilities are provided on the website. The digest should be submitted together with the authors information. All contributed papers will undergo a peer reviewing procedure to determine their suitability for publication. Notification of the acceptance of the contribution will be given on June 1st, 2012.

A template of the digest is available on the workshop website. Digests of contributions included in the workshop program will be part of the workshop proceedings.

Workshop help desk. secretariat.oipe2012@ugent.be

IMPORTANT DAYS

Digest submission: May 14, 2012
Notification of acceptance: June 1, 2012
Early registration: June 11, 2012
Begin of doctoral course: September 17, 2012
Begin of workshop: September 19, 2012
Full paper submission: September 24, 2012

Awards

• EUROPT Fellowship

Call for Nominations. EUROPT, the Continuous Optimization Working Group of EURO (<http://www.iam.metu.edu.tr/EUROPT/>), honors researchers in continuous optimization with the EUROPT Fellowship. The fellowship is awarded in a ceremony at EUROPT Workshops based on the decision of the Managing Board of EUROPT. The fellow is expected to give an invited plenary talk at the EUROPT workshop, the EUROPT Fellow Plenary. A gallery of EUROPT fellows is presented on the EUROPT web page <http://www.iam.metu.edu.tr/EUROPT/>.

Nomination and Decision. All EUROPT members are eligible to nominate a candidate for the fellowship. The nomination must include a nomination letter of no more than two pages and a short CV of the candidate.

Information of how the candidate matches with the nomination criteria should be included in the nomination letter.

The EUROPT Managing Board is responsible for making the final decision of whether EUROPT fellowship is awarded and if so, who will be awarded. Representatives of the managing board will present the award at the EUROPT Workshop.

Nomination Criteria. To be nominated as EUROPT fellow, a researcher must satisfy one (or preferably) both of the following criteria:

1. Outstanding scientific contributions to continuous optimization, consisting of original theoretical results, innovative applications, or successful software development.
2. Outstanding administrative contributions to the continuous optimization community, in particular to EUROPT.

EUROPT encourages the nomination of candidates whose contributions should receive a wider recognition and who have not yet been honored by prizes of other organizations and who are members of EUROPT.

Deadline. The nomination material must be sent in electronic form to the Chair of EUROPT kaisa.miettinen@jyu.fi no later January 4, 2012.

• EURO Gold Medal 2012

Call for Nominations.

1. The EURO Gold Medal is the highest distinction within OR in Europe. It is conferred on a prominent person for an outstanding contribution to Operational Research. The award will be officially bestowed at the opening plenary session of the EURO XXV Conference in Vilnius, if there is a suitable candidate.

2. The EURO Gold Medal is awarded for a body of work in operational research preferably published over a period of several years. Although recent work is not excluded, care should be taken to allow the contribution to stand the test of time. The potential prize recipient should have a recognized stature in the European OR community. Significance, innovation, depth, and scientific excellence should be stressed.

3. To emphasize the European flavour of the Award, all societies are strongly urged not to propose a candidate from their own country. No currently active officer of EURO (Executive Committee member, EURO Gold Medal jury member, Organising and Program Committee Chairperson of the EURO XXV Conference) is eligible.

4. Nominations for the 2012 EURO Gold Medal can come from EURO member national societies, the previous EURO Gold Medal laureates and jury chairs.

Jury of the EURO Gold Medal 2012. Aharon Ben-Tal (Israel)- *chairman*, Ruediger Schultz (Germany), Ger Koole (The Netherland), Catherine Roucairol (France), Jeff Griffith (UK)

Contact. Nominations should be sent to *Aharon Ben-Tal*, Faculty of Industrial Engineering Management, Technion-Israel Institute of Technology, Technion City, Haifa, 32000, Israel, abental@ie.technion.ac.il

Deadline. Nominations, including a detailed CV of the nominee and a written justification for the nomination should be sent before 31st March, 2012

• EURO Distinguished Service Medal 2012 EDSM 2012

Call for Nominations.

The EDSM (EURO Distinguished Service Medal) is awarded for recognition of distinguished service to the Association of European OR Societies (EURO) and to the profession of OR. The award will be officially delivered during the 2012 EURO Conference (Vilnius, July 8-11, 2012).

Eligibility. The EDSM 2012 will be given to an individual who has served the European OR community and the profession effectively for many years. No currently active officer of EURO (Executive Committee member, EDSM 2012 jury member, Organizing and Programme Committees Chairpersons of the EURO 2012 Conference) is eligible.

Award. The laureate will receive a medal, a diploma and will be invited to all future EURO Conferences without payment of the registration fees.

Selection process. The national member societies of EURO, the EURO Working Groups, the previous EURO Distinguished Service Medal laureate and previous EDSM jury chair are kindly invited to send nominations for possible award recipients to the EDSM jury by the deadline indicated below. Please enclose, if possible, a CV or an equivalent document. Nominations must be made in confidence (i.e. the nominee should not be informed). The jury will evaluate the proposed candidates essentially on basis of their distinguished services to EURO and to the profession of OR.

Jury. Alexis Tsoukias, *Chairperson*, Zilla Sunuany-Stern, Jan Weglarz, Maurice Shutler, Laureano Escudero

Deadlines:

- The deadline for submitting nominations is January 31, 2012.

- The decision of the jury will be communicated to the EDSM laureate within March 5, 2012.
- The decision of the jury will be publicly announced at the 2012 EURO Conference.

Contact. Alexis Tsoukias, CNRS - LAMSADE, University Paris Dauphine, 75775 Paris Cedex 16, France, <http://www.lamsade.dauphine.fr/tsoukias>
tel: +33144054401, fax: +33144054091
e.mail: tsoukias@lamsade.dauphine.fr

• EURO Excellence in Practice Award 2012 EEPA 2012

Purpose.

The purposes of the competition are to:

- recognize outstanding accomplishments in the practice of Operational Research,
- attract more application-oriented papers to EURO Conferences,
- promote the practice of Operational Research in general.

Guidelines. All interested authors are invited to submit a detailed description of an application of Operational Research which has original features, whether in methodology, application or implementation. This may be in the form of a paper written for publication (although not necessarily published at the time of submission), a client report, or other appropriate documentation. The documentation must describe the work in a way which illustrates how it meets the criteria outlined below. The age limit for published papers is four years. The work must not have been submitted concurrently to another competition. The application is open to Operational Research specialists from any part of the world.

Evaluation criteria.

The criteria for the evaluation of the papers are:

- scientific quality,
- relevance to Operational Research,
- originality in methodology, implementations and/ or field of application,
- a real impact to practice,
- appreciation by the organisation involved with the application.

Letters of appreciation are important.

The process. The jury selects a short-list of finalists who will present their work in a special session of the EURO Conference 2012 in Vilnius. There is no registration fee for one author of each of the finalist presentations. The winner will be determined by the jury at the end of the special session and will be announced by the chairman of the jury during the closing session of the EURO Conference.

The prize.

The prize for the winners is a distinct honour, and in material terms consists of:

- a certificate of excellence in OR practice for each author of the paper and for the concerned organization,
- an amount of 3.000 EUR for the authors.

The juri

Chair: Prof. Michel Bierlaire, Ecole Polytechnique Federale de Lausanne, Switzerland

OTHER MEMBERS: Prof. Luca Maria Gambardella, IDSIA Lugano, Switzerland, Prof. Gautier Stauffer, University of Bordeaux, France, Prof. Richard Hartl, University of Vienna, Austria, Prof. Ana Viana, INESC Porto/Polytechnic Institute of Porto (School of Engineering), Portugal

Online submission. Before January 31, 2012 to
<http://transp-or.epfl.ch/eepa2012/registration.php>

Call for papers

- **Special Volume of *Annals of Operations Research*
OR for young researchers and practitioners**

The Annals of Operations Research seeks submissions for a special volume on ORP3-OR for young researchers and practitioners. This volume of the Annals of Operations Research is devoted to stimulate research activity of young researchers in all areas of Operations Research. Therefore, this issue is conceived, but not only, to gather selected papers presented at ORP3 conference together with any others including at least one young author (papers can be coauthored with senior researchers).

ORP. is the EURO peripatetic conference designed for young OR researchers and practitioners which objective is to promote scientific and social exchanges. For more details see <http://orp3.uca.es/> Papers submitted for this special volume should make a significant contribution to any area of Operations Research, although the main topics of interest are:

- Integer Programming and Combinatorial Optimization
- Discrete Optimization; Graphs Networks
- Location Theory
- Transportation and Logistics
- Game Theory
- Network Optimization

- Multicriteria Optimization
- Production Management; Supply Chain Management
- Routing Problems

All papers will follow the high standard refereeing process of Annals of Operations Research. The Annals of Operations Research publish peer-reviewed original articles dealing with key aspects of operations research, including theory, practice, and computation. Instructions for authors can be found at:

<http://www.springer.com/business/operations+research/journal/10479>

Authors should submit a cover letter and a manuscript by December 31, 2011 via the Journals online submission site. Manuscripts submitted after the deadline may not be considered for the special volume and may be transferred to a regular volume. Papers will be subject to a strict review process managed by the Guest Editors and accepted papers will be published online individually, before print publication.

Guest Editors.

Justo Puerto, puerto@us.es; Antonio M. Rodriguez-Chia, antonio.rodriquezchia@uca.es; Arie Tamir, Atamir@post.tau.ac.il

Deadline. December 31, 2011

Job opportunities

• Positions openings in Carnegie Mellon University

- [CNA Post-Doctoral Position in Department of Mathematical Sciences, Carnegie Mellon University](#)

The Center for Nonlinear Analysis anticipates making Post-Doctoral appointments beginning September 2012 in applied analysis in general areas of nonlinear partial differential equations, calculus of variations, and their applications including materials science and image processing. These will be two- or three-year joint appointments by the Center and the Department of Mathematical Sciences. Recipients will teach at most two courses per year. Applicants should submit all materials electronically at www.mathjobs.org. This includes the AMS Standard Cover Sheet, a cover letter, a curriculum vitae, a list of publications, a statement describing current and planned research, and three letters of recommendation. Recommenders who are unable to submit their letters electronically may mail them to the committee.

Deadlines. Processing of applications will begin on January 15, 2012.

Contacts. All communications should be addressed to: Post-Doctoral Appointments Committee, Center for Nonlinear Analysis, Department of Mathematical Sciences, Carnegie Mellon University, Pittsburgh, PA 15213

Carnegie Mellon University is an Affirmative Action/Equal Opportunity Employer and encourages applications from women and minorities.

- [Postdoctoral Position in Mathematical Finance, Department of Mathematical Sciences, Carnegie Mellon University](#)

The Department of Mathematical Sciences desires to make a two- or three-year postdoctoral appointment in mathematical finance beginning September 2012. Applicants should submit all materials electronically at www.mathjobs.org. This includes the AMS Standard Cover Sheet, a cover letter, a curriculum vita, list of publications, a statement describing current and planned research, and three letters of recommendation.

Deadlines. The deadline is January 8, 2012.

Contacts. Applicants who are unable to submit their applications electronically may mail them to: Mathematical Finance Post-Doc Department of Mathematical Sciences, Carnegie Mellon University, Pittsburgh, PA 15213

- [BCAM: International call for researchers](#)

BCAM, the Basque Center for Applied Mathematics (www.bcamath.org), is a Research Center whose mission is to develop high quality interdisciplinary research. With an international team of researchers, the scientific program is structured in several research areas covering various fields of Applied Mathematics. Moreover, BCAM is a host institution for several national and international research projects and also develops collaborative projects with Basque Industry.

BCAM has opened an International Call for Researchers, offering positions for Senior and Associate Researchers, Postdoctoral Fellows and PhD Students in all areas of Applied Mathematics. Specific positions are also available within the Research Project NUMERIWAVES "New Analytical and Numerical Methods in Wave Propagation", coordinated by E. Zuazua and funded by the ERC - European Research Council.

Applications must be submitted on-line at: <http://www.bcamath.org/joboffers>

Deadline for submission: November 11, 2011

Contacts: BCAM - Basque Center for Applied Mathematics, Bizkaia Technology Park, Building 500, E-48160 Derio - Basque Country - Spain

Tel. +34 946 567 842

IC2012@bcamath.org

Memorial Session in Honour of Professor Alex Rubinov

International Federation of Operational Research Societies (IFORS) 2011 The participants of the Memorial Session in Honour of Professor Alex Rubinov at IFORS 2011 <http://guerin.ballarat.edu.au/ard/itms/CIAO/ifors/> express their deep gratitude to all members the distinguished research group that was established in Ballarat by late Professor Alexander Rubinov, for their strongly supporting and lovely hosting of this initiative. They address a special thank to Dr. Zari Dzalilov for her invaluable efforts and great friendship.

Editor's personal comments

Dear members of EUROPT, dear readers.

In the Autumn Issue of EUROPT Newsletter we present you the information about the most important events, calls for papers, and job invitations that can be interesting for the members of the EUROPT WG. Please pay a special attention to the CFP for EUROPT Workshop in Shiauliai, Lithuania that is expected to be the most important place for meeting of the members of our Working Group in 2012, just before EURO 2012 in Vilnius. The winners of several important EURO awards as well as EUROPT Fellow will be nominated during these summer events. In this issue of Newsletter please find calls for nominations. Especially, note that here we publish new criteria that the EUROPT Managing Board has formulated for EUROPT Fellow nomination.

We hope also that the information about job opportunities can be useful for some of our colleagues and we kindly ask all EUROPT members to continue sending us the news and information.

Thanks a lot to everybody for their contributions, and special thanks to Kaisa Miettinen for her constant attention and assistance in preparing of newsletters.

Please note that the next issue scheduled for release in late January. Therefore, please, send us the information that is actual to this date.

On behalf of the Editorial Board

Tatiana Tchemisova

tatiana@ua.pt

Editorial Board: Janos Pinter, Gerhard-Wilhelm Weber,
Semih Kuter, Koksal Yucesoy, Aysun Tesel