



**EUROPT**

## Newsletter 23 of EUROPT

EUROPT - The Continuous Optimization Working Group of EURO

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

*May 2011*

## In this issue:

- Words from the chair
- Forthcoming Events
- Call for Papers
- Editor's personal comments

## Words from the chair

Dear members of EUROPT,

Summer in the northern hemisphere is approaching and a very hectic time with plenty of conferences is near. The main event for EUROPT is the EUROPT Workshop on Advances on Continuous Optimization which will be organized in Ballarat, Australia on July 8-9, 2011. In that event the EUROPT Fellow of 2011 will also be announced. EUROPT Fellowship is awarded for outstanding scientific contributions to continuous optimization, consisting of original theoretical results, innovative applications or successful software development.

Starting from next year, the EUROPT Fellowship procedure will be renewed. All EUROPT members are eligible to nominate a candidate for the fellowship. The nomination material must be sent to the Chair of the EUROPT managing board no later than six months before the beginning of the following EUROPT Workshop. The EUROPT managing board is responsible for making the final. Further information will be given later this year.

It is a great pleasure for me to tell you that EURO EC has appointed our Honorary Chair Prof. Gerhard Wilhelm (Willi) Weber to a new position Advisor to EURO Conferences. I am sure you join me in expressing warm congratulations and wishes for great success to Willi with the new duties!

I hope you may find the contents of this newsletter useful. Remember that Tatiana Tchemisova, the Newsletter Editor, welcomes information to be included in the following newsletters. Besides information of conferences, summer schools, journals etc, we are interested in other material as well. For example, if you would like to introduce your research group to the EUROPT colleagues or find partners to collaborate with, you may use the newsletter as a forum.

I wish you a fruitful conference summer!

*Kaisa Miettinen*, Chair of EUROPT  
General Chair of the MCDM2011 Conference  
University of Jyväskylä, Finland  
[kaisa.miettinen@jyu.fi](mailto:kaisa.miettinen@jyu.fi)

## Forthcoming Events

- **6th Workshop on Coding and Systems  
WCS 2011**

<http://wcs2011.web.ua.pt/>

**Aveiro, Portugal  
June 13 - 15, 2011**

**Scope.** Following the previous five editions (Salamanca 2004, Würzburg 2005, Zürich 2006, Alicante Elche 2008, Dublin 2009), WCS2011 will take place in Aveiro, Portugal, from June 13 to June 15, 2011. As in the previous meetings, the workshop will focus on coding theory in general and also on the interplay of coding theory and systems theory.

Since the budget is limited, each participant pays her/his travel to Aveiro and the hotel accommodation and there is no registration fee.

**Registration:** To participate in the WCS2011 please inform us by sending an email to [dmat-wcs2011@ua.pt](mailto:dmat-wcs2011@ua.pt) before the **30th April**.

**Talks.** If you consider to give a talk at the workshop, please send to [dmat-wcs2011@ua.pt](mailto:dmat-wcs2011@ua.pt) a LaTeX file containing the title, authors, institution and the abstract of no more than one page, before the 30th April. Please, state also which author is going to give the talk.

**Contacts.** Raquel Pinto, Departamento de Matemática, Universidade de Aveiro, Campus universitário de Santiago, 3810-193 Aveiro, Portugal, Phone: +351-234370682, Email: [raquel@ua.pt](mailto:raquel@ua.pt)

- **9th EUROPT Workshop  
ADVANCES IN CONTINUOUS OPTIMIZATION  
Ballarat, Australia  
July 8 - 9, 2011**

<http://westvicsport.org.au/ard/itms/CIAO/Workshops/EUROPT2011/index.shtml>

**Aims and scope.** This meeting continues in the line of the EUROPT workshops, the first held in 2000 in Budapest, followed by the workshops in Rotterdam in 2001, Istanbul in 2003, Rhodes in 2004, Reykjavik in 2006, Prague in 2007, Remagen in 2009 and Aveiro in 2010. The workshop aims to provide a forum for researchers and practitioners in continuous optimization and related fields to discuss and exchange their latest works.

**Invited speakers.**

- Jonathan Borwein University of Newcastle, Australia
- Marco A. Lopez Cerda University of Alicante, Spain
- Oliver Stein Karlsruhe, Germany
- Juan Enrique Martinez Legaz University of Autònoma de Barcelona, Spain

**Topics.** The topics include, but are not limited to, the following:

- Applications of continuous optimization to combinatorial problems
- Complexity and efficiency of optimization algorithms
- Convex and nonsmooth optimization
- Complementarily and variational problems
- Derivative-free optimization
- Global optimization
- Large-scale optimization
- Linear and nonlinear optimization
- Optimal control
- Multiobjective optimization
- Robust optimization
- Semi-definite programming
- Semi-infinite programming
- Stochastic optimization

**Program Committee.** Adil Bagirov University of Ballarat, Australia (*Chair*); Kaisa Miettinen University of Jyväskylä, Finland; Miguel Anjos Polytechnique Montreal, Canada; Domingos Cardoso University of Aveiro, Portugal; Alexander Kruger University of Ballarat, Australia; Musa Mammadov University of Ballarat, Australia; Janos Pinter Ozyegin University, Istanbul, Turkey; Alexander Shapiro Georgia Tech, USA; Georg Still University of Twente, The Netherlands; Tatiana Tchemisova University of Aveiro, Portugal; Gerhard Wilhelm Weber Middle East Technical University, Turkey

**Organizing Committee.** Adil Bagirov University of Ballarat, Australia (*Chair*); John Yearwood University of Ballarat, Australia (*Co-chair*); David Yost University of Ballarat, Australia; Zari Dzalilov University of Ballarat, Australia; Julien Ugon University of Ballarat, Australia; Karasozen Bulent Middle East Technical University, Turkey; Gleb Beliakov Deakin University, Australia; Regina Burachik University of South Australia, Australia; Yalcin Kaya University of South Australia, Australia; Andrew Eberhard RMIT University, Australia; Refail Kasimbeyli Izmir University of Economics, Turkey; Antonio Fuduli University of Calabria, Italy; Albert Ferrer UPC, Barcelona, Spain; Marko Makela University of Turku, Finland

#### IMPORTANT DAYS

**Abstract submission:** April 30, 2011  
**Notification of acceptance:** May 15, 2011  
**Deadline for registration:** June 10, 2011

- **4th International Workshop on Simulation and Modelling in Engineering Computational Systems (SMECS-2011)**

<http://www.lsi.upc.edu/fatos/SMECS2011/>

- **6th International Conference on P2P, Parallel, Grid, Cloud and Internet Computing (3PGCIC-2011)**

<http://www.lsi.upc.edu/fatos/SMECS2011/>

**Technical University of Catalonia, BarcelonaTech  
Barcelona, Spain  
July 8 - 9, 2011**

**Scope.** Modelling and Simulation have become the de facto approach for studying the behavior of complex engineering and information communication systems before deployment in a real setting. The workshop is devoted to the advances in modelling and simulation techniques in fields of emergent computational systems in complex biological and engineering systems, and real life applications.

Modeling and simulation are greatly benefiting from the fast development in information technologies. The use of mathematical techniques in the development of computational analysis together with the ever greater computational processing power is making possible the simulation of very large complex dynamic systems. This workshop seeks relevant contributions to the modeling and simulation driven by computational technology.

The workshop seeks original contributions in all relevant areas, including but not limited to the following topics.

**Topics.**

- Simulation models and tools.
- Performance modelling and evaluation
- Novel theoretical approaches for simulation and modelling
- Novel design approaches for simulation and modelling
- Benchmarks, data sets and experimenting
- Experimenting and simulation for virtual laboratories, remote system control
- Case studies using simulation platforms/libraries for application evaluation

**Submission Guidelines.** Submit a full paper not more than six pages (IEEE Conference proceedings manuscripts: two column, single-spaced), including figures and references, using 10 font size, and number each page. You can find instructions for authors, at the following web page: <http://www.computer.org/portal/site/cscps/>

Prepare your paper in PDF file and submit it electronically to the 3PGCIC-2011 online submission system at: <http://edas.info/index.php?c=10379> (Choose SMECS-2011)

**Papers.** Accepted papers will be given guidelines in preparing and submitting the final manuscript(s) together with the notification of acceptance. Accepted papers will be published by the IEEE Conference Publishing Services (CPS) and archived in the Digital Library. Papers presented at SMECS-2011 will be considered for publication in a special issues of international journals following the tradition of previous editions of the workshop (Extended versions of SMECS-2010 papers were published in JACT-Journal of Algorithms and Computational Technology, March 2011 Issue).

**Program Committee Chair.** Zuzana Oplatkova, Tomas Bata University in Zlin, Czech Republic, [oplatkova@fai.utb.cz](mailto:oplatkova@fai.utb.cz)

**Workshop Organizers.**

Fatos Xhafa, Technical University of Catalonia, Spain, [fatos@lsi.upc.edu](mailto:fatos@lsi.upc.edu)

Leonard Barolli, Fukuoka Institute of Technology, Japan, [barolli@fit.ac.jp](mailto:barolli@fit.ac.jp)

**IMPORTANT DAYS**

**Submission Deadline:** April 20, 2011

**Notification of acceptance:** June 12, 2011

**Final Manuscript:** July 10, 2011

**Author Registration:** July 10, 2011

- **VI Summer School "Achievements and Applications of Contemporary Informatics, Mathematics and Physics" AACIMP-2011 Kyiv, Ukraine August 8 - 19, 2011**

<http://summerschool.ssa.org.ua/>

**General information** VI Summer School "Achievements and Applications of Contemporary Informatics, Mathematics and Physics" that will take place at the National Technical University of Ukraine "Kyiv Polytechnic Institute" . It will include lectures, seminars and workshops.

**Stream Operational Research (OR)**

This year the stream "Operational research" will be focus on application of OR in the areas of game theory and experimental economy. Also some courses will be devoted to the finance and social systems. Lectures and workshops will be presented by Leading European scientists, members of EURO (The Association of European Operational Research Societies).

**Applications.** In order to apply for participation in the stream, applicant will need to complete and submit the Summer School online application form. Programme committee will make a decision on applicant's admission within a month from a date of submitting an application form.

**Organizing Committee:** Student Science Association 37, prospect Peremohy, building 1, room 299(15) 03056, Ukraine, Kyiv,

Telephone: +38 044 454 9243, Fax: +38 044 454 9243

Web: <http://ssa.org.ua>

E-mail: [summerschool@ssa.org.ua](mailto:summerschool@ssa.org.ua)

### IMPORTANT DAYS

**Early registration:** June 1, 2011

**Late registration:** August 1, 2011

- **21st Jyväskylä Summer School**  
**University of Jyväskylä**  
**August 8 - 19, 2011**

<http://www.jyu.fi/summerschool>

**General information** The Jyväskylä Summer School annually offers courses for advanced Master's students, graduate students and post-docs in various fields of science and information technology. Students are encouraged to apply and to take advantage of the interdisciplinary teaching of the School. The Summer School provides students with an excellent opportunity to network and enjoy high quality teaching by respected researchers from all over the world. The language of instruction is English in all courses.

#### Courses.

- o BIO1: Basic Fluorescence Microscopy
- BIO2: Nonlinear microscopy - Four wave mixing (FWM) imaging techniques and their applications - from nanomaterials to biological application
- CH1: Density Functional Theory for Nanostructures
- CH2: Molecular Metallurgy: Experimental and Theoretical Aspects
- CH3: Medicinal Chemistry
- COM1: Modern Problems in Applied Dynamical Systems Theory
- COM2: Processing of High Dimensional Data
- COM3: Machine Learning for Signal Processing
- COM4: Nonlinear Optimization: Advances and Applications
- IS1: Knowledge Management and Knowledge Management Systems in High-tech Organizations
- IS2: Global Knowledge Management



- IS3: Modelling Internet Applications
- MA1: Quantitative Geometric and Functional Inequalities
- MA2: Weak Convergence, Young Measures and Quasiconvexity
- MA3: Fractal Statistics
- PH1: Nanooptics and Plasmonics: Theoretical Concepts
- PH2: Introduction to Micro- and Nanorobotics
- PH3: Fundamentals of Ion-Matter Interaction
- PH4: Applications of X-ray microtomography on heterogeneous materials (wood and wood-based composites etc)
- RE1: Organic and Dye Based Photovoltaics
- RE2: Optimization of Bioenergy use
- RE3: Biogas Technology for Sustainable Second Generation Biofuel Production
- MSE1: Representations in Science Education
- STAT1: Statistical Designs in Epidemiology

**Aims.** Summer School also allows the students to widen their knowledge to outside their own field so it's highly recommended to go through all Summer School courses. For example course BIO2: Nonlinear microscopy - Four wave mixing imaging techniques and their applications is meant to physicists, chemists and biologists and course MA3: Fractal Statistics is aimed besides mathematicians to physicists, chemists and biologists.

**Applications.** All students of should apply online by <http://www.jyu.fi/summerschool>

### IMPORTANT DAYS

**Deadline for applications:** April 30, 2011

• **8th International ISAAC Congress**  
**Moscow, Russia**  
**August 22-27, 2011**

[www.isaac2011.org](http://www.isaac2011.org)

**General Information.** 8th International ISAAC Congress will be held this year in Peoples' Friendship University of Russia, Division of Mathematics of the Russian Academy of Sciences, by Steklov Institute of Mathematics and Moscow State University

**Aims and scope.** The International Society for Analysis, its Applications and Computation (ISAAC, <http://mathisaac.org/>) has been organizing the International ISAAC Congress biannually since 1997. The previous congresses took place in the USA (Delaware 1997), Japan (Fukuoka 1999), Germany (Berlin 2001), Canada (Toronto 2003), Italy (Catania 2005), Turkey (Ankara 2007) and UK (London 2009). The 8th ISAAC Congress will be organized by Peoples' Friendship University of Russia, Division of Mathematics of the Russian Academy of Sciences, Steklov Institute of Mathematics, Moscow State University and will take place at Peoples' Friendship University of Russia, Moscow, Russia, through 22-27 August 2011.

**International Advisory Board (ISAAC Board).** Robert Gilbert, *Honorary President*, Michael Ruzhansky, *President*

Heinrich Begehr, Bogdan Bojarsky, Victor Burenkov, *Vice-President for Europe and Africa*, Okay Celebi, Daniele del Santo, Massimo Lanza de Cristoforis, Michael Oberguggenberger, Michael Reissig, Yuri Rappoport, Luigi Rodino, Sergei Rogozin, Saburou Saito, Bert-Wolfgang Schulze, Mitsuru Sugimoto, Joachim Toft, Man Wah Wong, Yongzhi Xu, *Vice-President for Americas*, Masahiro Yamamoto, *Vice-President for Asia and Australia*, Shangyou Zhang

**Organizing Committee.**

*Co-chairmen of the Congress:* V.M. Filippov, Rector of Peoples' Friendship University of Russia;

V.V. Kozlov, Director of the Steklov Institute of Mathematics;

V.A. Sadovnichy, Rector of Moscow State University

*Vice-chairmen:* V.I. Burenkov (ISAAC representative); E.B. Laneev (Peoples' Friendship University of Russia); A.G. Sergeev (Steklov Institute of Mathematics)

*Members:* A.V. Arutyunov, V.N. Chubarikov, E.I. Galakhov, M.L. Goldman, N.S. Kirabaev, A.I. Kirillov, Yu.M. Rappoport, S.A. Rozanova, V.M. Savchin, V.D. Stepanov, A.G. Yagola

*Secretary:* S.A. Davydova

**Preliminary list of sessions and their organizers:**

**I. Complex Analysis:**

I.1. Complex variables and potential theory (T. Aliyev, M. Lanza de Cristoforis, S. Plaksa, P. Tamrazov)

I.2. Differential equations: Complex and functional analytic methods, for partial differential equations (H. Begehr, J.Y. Du, A. Soldatov)

I.3. Complex-analytical methods for applied sciences (V. Mityushev, S. Rogosin)

I.4. Value distributions: classical and new aspects, applications (G. Barsegyan, A. Sergeev)

## II. Hypercomplex Analysis:

II.1. Clifford and quaternionic analysis (S. Bernstein, I. Sabadini, F. Sommen)

II.2. Analytical, geometrical and numerical methods in Clifford- and Cayley-Dickson-algebras (K. Gürlebeck, V. Kisil, W. Sprößig)

## III. Real Analysis, Functional Analysis and Operator Theory:

III.1. Toeplitz operators and their applications (S. Grudsky, N. Vasilevski)

III.2. Reproducing kernels and related topics (A. Berlinet, S. Saitoh)

III.3. Modern aspects of the theory of integral transforms (Yu. Rappoport, S. Saitoh)

III.4. Spaces of differentiable functions of several real variables and applications (V. Burenkov, S. Samko, V.D. Stepanov)

III.5. Analytic and harmonic function spaces (R. Aulaskari, T. Kaptanoglu, J. Rättyä)

III.6. Fixed point theory and applications (E. Karapinar)

III.7. Generalized functions and asymptotics (M. Oberguggenberger, S. Pilipovic)

## IV. Partial Differential Equations:

IV.1. Pseudo-differential operators (J. Toft, M.W. Wong)

IV.2. Dispersive equations (M. Reissig, M. Ruzhansky)

IV.3. Control and optimisation of nonlinear evolutionary systems (F. Bucci, I. Lasiecka)

## V. Applied Analysis

V.1. Inverse problems (A. Hasanov, S. Kabanikhin, Y. Kurylev, A. Yagola, M. Yamamoto)

V.2. Functional differential and difference equations (L. Berezansky, J. Diblik, A. Zafer)

V.3. Medical mathematics (R. Gilbert, Yu. Rappoport, V. Yakushev)

V.4. Stochastic analysis (D. Applebaum)

## VI. Nonlinear analysis, extremal problems, approximation theory and applications:

VI.1. Optimization theory, variational analysis and nonlinear analysis (A.V. Arutyunov, B.S. Mordukhovich, L.F. Pereira)

VI.2. Approximation theory and Fourier analysis (Z. Ditzian, B. Kashin, S. Tikhonov)

## VII. Teaching analysis at universities and schools:

VII.1 Teaching analysis at universities (L.D. Kudryavtsev, S.A. Rozanova, N.Kh. Rozov)

VII.2 Teaching analysis at schools (V.A. Gusev, M. Klyaklya, A.A. Rusakov)

## VIII. History of analysis (S.S. Demidov, L. Pepe)

### IX. Other

#### **ISAAC Award.**

Awards will be presented to young scientists of age below 40 at the time of the congress for particular merits in analysis, its applications and computation. Candidates for the awards may be nominated especially by ISAAC Board Members and Session Organizers, but also may apply by themselves.

Nominations and applications should be sent before 31 May, 2011, to the address M. Ruzhansky (Imperial College London), President of ISAAC, e-mail: [m.ruzhansky@imperial.ac.uk](mailto:m.ruzhansky@imperial.ac.uk)

An Award Committee will select the awardees. Awards will only be given to participants. In case a prize winner will not be able to participate, she/he will get only the award document but no corresponding prize.

Accommodation. You can find all information about the hotels and prices on the web-page of the Congress. When sending confirmation of the bank transfer of the registration fee please state which type of accommodation you choose.

**Registration.** Registration is now open and can be done by sending an e-mail to [info@isaac2011.org](mailto:info@isaac2011.org) Do not forget to send a copy of the Registration form to a session organizer. We recommend that you print out the Registration form before submitting it.

Registration fee covers the usual expenses (organization of the congress, rent for lecture rooms and technical equipment, volume of abstracts, scheduling of talks, welcome party etc). The volume of proceedings is not included in the registration fee. How to pay is explained on the web-page of the Congress. Please fill in the Registration form before paying.

**Proceedings.** Information about Proceedings will be given later.

#### IMPORTANT DAYS

**Early registration:** May 15, 2011

**Deadline for nominations and applications:** May 31, 2011

- **International Conference of Numerical Analysis and Applied Mathematics (ICNAAM 2011)**

**Halkidiki, Greece  
September 19-25, 2011**

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

**Topics.** Topics to be covered include (but are not limited to):

- All the research areas of Numerical Analysis and Computational Mathematics  
Numerical ODEs, Numerical PDEs (inc. BVPs), Scientific Computing and Algorithms, Stochastic Differential Equations, Approximation, Numerical Linear Algebra, Numerical Integral Equations, Error Analysis and Interval Analysis, Difference

Equations and Recurrence Relations, Numerical problems in Dynamical Systems, Applications to the Sciences (Computational Physics, Computational Statistics, Computational Chemistry, Computational Engineering etc.), Differential Algebraic Equations, Numerical methods in Fourier analysis, etc..

- All the research areas of Applied and Industrial Mathematics

Mathematical Physics, Mathematical Chemistry, Mathematical Biology and Mathematical Medicine, Optimization and Operational Research, Theoretical Mechanics, Discrete Applied Mathematics, Statistics, Probability, Dynamical Systems, Algorithms, Experimental Mathematics, Theoretical Computer Science, Applied Analysis, Mathematical Modelling (including but not limited to mathematical modelling of engineering and environmental processes, manufacturing, and industrial systems, heat transfer, fluid mechanics, CFD, and transport phenomena; solid mechanics and mechanics of metals; electromagnets and MHD; reliability modelling and system optimization; decision sciences in an industrial and manufacturing context; civil engineering systems and structures; mineral and energy resources; relevant software engineering issues associated with CAD and CAE; and materials and metallurgical engineering, mathematical modelling of social, behavioral and other sciences), Decomposition and Reconstruction Algorithms, Subdivision Algorithms, Continuous and Discrete Wavelet Transform, Time-frequency Localization, Phase-Space Analysis, Subband Coding, Image Compression, Real-Time Filtering, Radar and Sonar Applications, Transient Analysis, Medical Imaging, Multigrid Methods, Frames, Bifurcation and Singularity Theory, Deterministic Chaos and Fractals, Soliton and Coherent Phenomena, Formation of Pattern, Evolution, Complexity Theory and Neural Networks, Analytical Approaches and Simulations for more Accurate Descriptions, Predictions, Experimental Observations and Applications of Nonlinear Phenomena in Science and Engineering, Theoretical and Applied aspects of Computational Geometry, Control Theory and Automation, Fuzzy Sets and Systems and Fuzzy Logic, Applied Algebra, Quality Theory of Differential Equations, Neural Networks , etc.

### **Chairmen and Organisers.**

*Chairman:* Prof. T. E. Simos, Department of Mathematics, King Saud University, Saudi Arabia and Department of Computer Science and Technology, University of Peloponnese, GR-221 00 Tripolis, GREECE

*Vice-Chairmans:*

Dr. Ch. Tsitouras, Department of Applied Sciences, Technological Educational Institute of Chalkis, Greece

Dr. G. Psihoyios, University of Buckingham, UK

Dr. Z. A. Anastassi, ASPAITE, Greece

**Scientific Committee.** Prof. G. vanden Berghe, Belgium, Prof. Peter Bjørstad, Norway, Prof. S.C.Brenner, USA, Prof. Luigi Brugnano, Italy, Prof. J. R. Cash, UK, Prof. R. Cools, Belgium, Prof. A. Cuyt, Belgium, Prof. B. Fischer, Germany, Prof. R. W. Freund, USA, Prof. I. Gladwell, USA, Prof. Klaus Gürlebeck, Germany, Prof. Axel Klar, Germany, Dr. W.F. Mitchell, USA, Dr. G. Psihoyios, UK, Prof. T.E. Simos, Greece, Prof. W. Sproessig, Germany,, Prof. Francis Sullivan, USA, Dr. Ch. Tsitouras, Greece,

Prof. G. Alistair Watson

**Organising Committee.** Mrs Eleni Ralli-Simou (Secretary of ICNAAM 2010), Ms. Sofia Andreou, ACCIS S.A., Mr. Manolis Tselepis, ACCIS S.A., Ms. A. Kosti, University of Peloponnese, Dr. G. Panopoulos, University of Peloponnese, Dr. D. Papadopoulos, University of Peloponnese, Dr. Mohammad Siddique, Department of Mathematics and Computer Science, Fayetteville State University, USA

**Call for Organization of Session, Workshop or Minisymposium.**

Proposals for Sessions, Workshops or Minisymposia are welcome.

Each session should have at least 6 paper presentations. For this session the organiser or his team can have at most 2 papers.

Each workshop or minisymposium should have at least 10 paper presentations. For this workshop or minisymposium the organizer or his team can have at most 2 papers.

The Session, Workshop or Minisymposium organizer will be responsible for advertising the workshop, reviewing and selecting the papers.

The Session organizers will have free registration in ICNAAM 2011.

The Workshop or Minisymposium organizers will have free registration and a participation in the Accommodation.

Papers accepted for Sessions, Workshops or Minisymposia will be published in the Proceedings of ICNAAM 2011.

After the Conference the papers presented at the Sessions, Workshops or Minisymposia will be considered for publication in the appropriate journals.

**Submission of Proposals.**

Proposals to organize Sessions, Workshops or Minisymposia should include the following information: title of the workshop, name, affiliation, mailing address and e-mail address of the proposer(s), description of the topic of the session (not exceeding 100 words), a short description on how the session will be advertised.

The deadline for proposal submission is June 15, 2011. Please send your proposal to: [tsimos.conf@gmail.com](mailto:tsimos.conf@gmail.com) with a carbon copy to [tsimos.conf09@gmail.com](mailto:tsimos.conf09@gmail.com)

**IMPORTANT DAYS**

**Registration ends:** June 15, 2011

**Late Registration ends:** July 29, 2011

**Submission of Extended Abstract:** July 22, 2011

**Notification of acceptance:** July 29, 2011

**Submission of the camera ready extended abstracts:** August 1, 2011

**Submission of the full paper:** September 30, 2011 - January 31, 2011

- **The 2011 2nd International Congress on Computer Applications and Computational Science (CACs 2011)**  
**Bali, Indonesia**  
**November 15-17, 2011**

<http://irast.net/conferences/CACS/2011>

**Aims.** CACS 2010 aims to bring together researchers and scientists from academia, industry, and government laboratories to present new results and identify future research directions in computer applications and computational science.

**Proceedings.** All papers published in the CACS 2011 proceedings will be included in the IEEE Xplore and indexed in both Ei Compendex and ISTP. CACS 2011 has appeared in the IEEE Conferences (Conference Record N° 18959, IEEE Catalog Number: CFP1175N-CDR, ISBN: 978-1-61284-995-9).

**Topics of interest.** Topics of interest include, but are not limited to:

- Computer Architecture and VLSI
- Computer Control and Robotics
- Computers in Education and Learning Technologies
- Computer Networks and Data Communications
- Data Mining and Data Engineering
- Energy and Power Systems
- Intelligent Systems and Autonomous Agents
- Internet and Web Systems
- Scientific Computing and Modeling
- Signal, Image and Multimedia Processing
- Software Engineering

**Venue.** Bali is a favorite vacation destination for many nationalities. Bali's natural attractions include miles of sandy beaches, picturesque rice terraces, towering active volcanoes over 3,000 meters high, fast flowing rivers, deep ravines, pristine crater lakes, sacred caves, and lush tropical forests full of exotic wildlife. The island's rich cultural heritage is visible everywhere - in over 20,000 temples and palaces, in many colorful festivals and ceremonies, in drama, music, and dance. Bali is also well-known for its night life. Come to Bali enjoying the beautiful environment and fun here!

#### IMPORTANT DAYS

**Paper Submission Deadline:** May 15, 2011

**Review Decision Notifications:** August 15, 2011

**Final Papers and Author Registration Deadline:** September 9, 2011

- **EURO Summer Institute 2012**  
**Maritime Logistics**  
**Bremen, Germany**  
**June 3 -15, 2012**

<http://prodlog.wiwi.uni-halle.de/ESI2012>

**Aims and Scope.** A growing demand of optimization techniques and decision support systems is observed in the maritime industry since many years. Based on advances in information and equipment technologies, maritime shipping, cargo handling and hinterland transportation yield complex logistics processes that have to be managed in increasingly competitive environments. Aim of this EURO summer institute (ESI) is to bring together young researchers with academic experts from operations research, logistics and the maritime business. Every participant will present an own research paper which is intensively discussed within a workshop, for example on ship routing, terminal design, and seaside or yard operations management in container terminals. Next to focussed workshops, tutorial lectures on selected topics and invited surveys on recent and future developments in the maritime sector complete the scientific program. With its orientation, the ESI offers a unique opportunity for young researchers in the field to share experience with colleagues from all over Europe and to enter the scientific community.

**Participation.** Participation is limited to a group of about 20 early stage researchers, who are either PhD students or who have less than two years research experience since completing a PhD. They must have significant experience in maritime logistics and be author of at least one unpublished, high-quality paper. Persons who are interested to attend the ESI can apply for participation with an unpublished paper, a curriculum vitae and a list of publications at their national OR society. The national societies are entitled to nominate up to three applicants, from which the scientific committee selects the group of participants. Participation and accommodation is free for selected persons. The cost of the ESI is jointly met by EURO and other organizations with the exception of traveling cost, which are usually met by the delegating national OR societies.

**Research Papers.** All participants are invited to present and discuss a research paper within one of the integrated workshops. Selected papers presented at the ESI will be considered for publication in a special issue of OR Spectrum on "maritime logistics".

**Invited Speakers.** Invited lectures and surveys will be given at the ESI by Marielle Christiansen (Trondheim, Norway), Ulla Tapaninen (Turku, Finland), Rommert Dekker and Albert Veenstra (Rotterdam, Netherlands), Iris Vis (Groningen, Netherlands), and Stefan Voß (Hamburg, Germany).

**Venue.** The summer institute will be held at the youth hostel Bremen, which offers modern conference facilities and a metropolitan ambiance coupled with a maritime atmosphere. The venue is located at the river Weser in the immediate vicinity of the historical center of Bremen. The city of Bremen is located in the northern part of Germany quite close to the North Sea. It is one of Germanys leading logistic regions and home to a



large seaport, numerous freight centers and international trade, transport and industrial companies.

**Social Events.** The city of Bremen offers many opportunities for sightseeing trips, e.g. to the historical city center, the home of the Bremen Town Musicians, to Germany's oldest artificial harbor in Vegesack, and many other cultural and industrial sites. Moreover, excursions are projected to the surrounding of Bremen, including trips to Bremerhaven with its large automotive hub, to the famous art village in Worpswede, and to Hamburg, Germany's second largest metropolis, visiting, among other things, the fully automated Container Terminal in Altenwerder.

**Travel and Accommodation.** Several Airlines (e.g. Lufthansa and Ryan Air) offer regular flights at moderate prices from many places in Europe to the airports of Bremen and Hamburg. Within Germany, Bremen is reached most comfortably by rail. For further information see [www.bahn.de](http://www.bahn.de). The participants of the ESI stay at the youth hostel Bremen or at the guest house of the University of Bremen.

**Scientific Committee.** Carlos Pestana Barros (Technical University of Lisbon, Portugal), Christian Bierwirth (University of Halle-Wittenberg, Germany), Marielle Christiansen (Norwegian Technical University Trondheim, Norway), Kevin Cullinane (Edinburgh Napier University, UK), Rommert Dekker (Erasmus University Rotterdam, Netherlands), Michel Gendreau (CIRRELT Montreal, Canada), Hans-Otto Günther (Technical University of Berlin, Germany), Hans-Dietrich Haasis (ISL Bremen, Germany), Kap Hwan Kim (Busan National University, South Korea), Herbert Kopfer (University of Bremen, Germany), Frank Meisel (University of Halle- Wittenberg, Germany), Luigi Moccia (ICAR-CNR, Italy), Theo Notteboom (University of Antwerp, Belgium), Mikhail Postan (Maritime University Odessa, Ukraine), Harilaos Psaraftis (National Technical University of Athens, Greece), Alexander Smirnov (SPIIRAS, St. Petersburg, Russia), Ulla Tapaninen (University of Turku, Finland), Albert Veenstra (Erasmus University Rotterdam, Netherlands), Iris Vis (University of Groningen, Netherlands), Stefan Voß (University of Hamburg, Germany).

**Organization Committee.** The ESI is jointly organized by the Universities of Bremen and Halle-Wittenberg, represented by Christian Bierwirth (Halle), Hans-Dietrich Haasis (Bremen), Herbert Kopfer (Bremen), and Frank Meisel (Halle).

**Contact.** Prof. Dr. Christian Bierwirth ( of the ESI 2012)

School of Law, Economics and Business Martin-Luther-University Halle-Wittenberg Große Steinstrasse 73, D-06108 Halle (Saale), Germany

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### IMPORTANT DAYS

**Deadline for application at the national OR societies:** October 1, 2011

**Deadline for nomination of participants (by the national OR societies):**

December 1, 2011

**Decision on participation:** February 1, 2012

## Call for Papers

- **AN INTERNATIONAL JOURNAL OF OPTIMIZATION AND CONTROL: THEORIES APPLICATIONS (IJOCTA)**  
**ISSN: 2146-0957**

**Call for Contributions:** IJOCTA (ISSN 2146-0957) is a peer-reviewed international academic journal dealing with issues about optimization, control, and their applications. For now the journal is an online free access along with a limited paper publication.

The publication of IJOCTA, a bi-yearly journal, will start in July 2011. Therefore, the IJOCTA Editors are currently questing papers for the first issue.

**Mission.** The mission of IJOCTA is to publish articles on all aspects of optimization:

- Applied Mathematics
- Financial Mathematics
- Control Theory
- Game Theory
- Fractional Calculus
- Fractional Optimal Control
- Modeling of Bio-systems for Optimization and Control
- Linear Programming
- Nonlinear Programming
- Stochastic Programming
- Parametric Programming
- Conic Programming
- Discrete Programming
- Dynamic Programming
- Optimization with Artificial Intelligence
- Operational Research in Life and Human Sciences
- Heuristic Algorithms in Optimization
- Applications Related to Optimization on Engineering

**Further information.** Further details about the An International Journal of Optimization and Control: Theories Applications (IJOCTA) and instructions for paper submission section can be found at the journal web site: <http://www.ijocta.com>

**Contact.** [info@ijocta.com](mailto:info@ijocta.com)

**Founding Managing Editor.** YAMAN, Ramazan, Balikesir University, Turkey  
**Editors-in-Chief.**

\* Applied Mathematics Control: OZDEMIR, Necati, Balikesir University, Turkey

- \* Fractional Calculus Applications: BALEANU, Dumitru, Cankaya University, Turkey,  
POVSTENKO, Yuriy, Jan Dlugosz University, Poland
- \* Optimization Applications: WEBER, Gerhard William, Middle East Technical University, Turkey
- \* Engineering Applications: DEMIRTAS, Metin, Balikesir University, Turkey  
MANDZUKA, Sadko, University of Zagreb, Croatia

– **Optimization Methods and Software**  
(OMS)

**Special Issue in honor of Kees Roos 70th birthday**  
**ISSN: 2146-0957**

**EXTENDED DEADLINE: August 31, 2011**

We invite articles on all aspects within the scope of OMS as summarized on the Taylor Francis website <http://www.tandf.co.uk/journals/GOMS> However, submissions in the area of interior-point methods for various optimization problems, and applications of linear and nonlinear optimization methods are especially welcome.

Throughout his career Kees Roos has had numerous and significant contributions in these areas of research.

All manuscripts should conform to the OMS style regulations. Submissions are due by August 31, 2011, via the manuscript central portal

<http://mc.manuscriptcentral.com/goms>

**Guest-Editors:** Tamas Terlaky, Goran Lesaja, Etienne de Klerk, Dick den Hertog

## Editor's personal comments

Dear members of EUROPT, dear readers.

This issue of EUROPT Newsletter includes several announcements for the forthcoming events that can be of interest of all of us. The deadline for some of events was the end of April (this issue was expected to be ready a bit earlier), but we decided to publish the Cfp since we believe that it is still possible to establish a personal contact with the organizers and submit a paper a few days later in the case it is really important.

Thanks a lot to everybody who have send us the information. Please notice that the next issue of the Newsletter is planned for the end of July. Therefore we count with your information that will be actual before this date.

On behalf of the Editorial Board

*Tatiana Tchemisova*

[tatiana@ua.pt](mailto:tatiana@ua.pt)

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