



Newsletter 38 of EUROPT

EUROPT - The Continuous Optimization Working Group of EURO

<http://europt.iam.metu.edu.tr/>

May 2017

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Words from the Chair

Dear Colleagues,

On behalf of the EUROPT Managing Board let me welcome you to the 38th EUROPT Newsletter. Soon our annual EUROPT workshop will take place in Montreal, please find the link where up to date information can be found. During the workshop, EUROPT Fellow 2017 will be announced and you will be able to listen to the plenary lecture of the fellow. We hope to see you soon in Montreal.

Enjoy reading the Newsletter with other interesting information. If you have any ideas on activities related to EUROPT, especially potential places for future EUROPT workshops, potential venues for EURO Summer/Winter institutes, and other events, please do not hesitate to let us know.

Julius Žilinskas, Chair, EUROPT Managing Board

Vilnius University, Lithuania
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Forthcoming Events

15th EUROPT Workshop on Advances in Continuous Optimization Montréal, July 12-14, 2017

<https://www.gerad.ca/colloques/europt2017/>

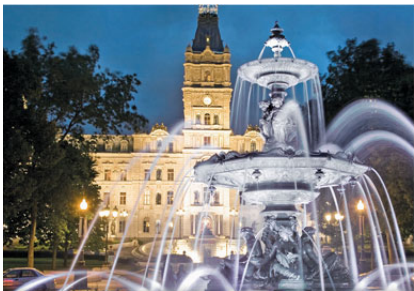


IFORS 2017 Quebec City, July 17-21, 2017

<http://ifors2017.ca/>



21st CONFERENCE
of the International Federation of Operational Research Societies



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Optimization 2017

Faculdade de Ciências, Universidade de Lisboa
Lisboa, Portugal
September 6-8, 2017

Important Dates

Deadline for abstract submission	May 15, 2017
Notification of acceptance	June 15, 2017
Early registration	before June 30, 2017
Workshop	September 6, 2017

Plenary Speakers

Immanuel Bomze (Universität Wien)
Marco Campi (Università degli Studi di Brescia)
Donald Goldfarb (Columbia University)
Jacek Gondzio (The University of Edinburgh)
Martine Labbé (Université Libre de Bruxelles)
Giovanni Rinaldi (IASI Roma, CNR)

Workshop celebrating
Luís Gouveia's 60th Birthday

Program Committee

Luís Nunes Vicente | Univ. Coimbra (chair)

Organizing Committee

Miguel Constantino | Faculdade de Ciências, Univ. Lisbon | Co-Chair
Pedro Moura | Faculdade de Ciências, Univ. Lisbon | Co-Chair
Ana Paías | Faculdade de Ciências, Univ. Lisboa
Conceição Fonseca | Faculdade de Ciências, Univ. Lisboa
Isabel Martins | Instituto Superior de Agronomia, Univ. Lisboa
Luís Nunes Vicente | Univ. Coimbra
Pedro Castro | Faculdade de Ciências, Univ. Lisboa
Rodrigo Oliveira Marques | CMAFCIO

optimization2017.fc.ul.pt



VIII International Conference Optimization and Applications (OPTIMA-2017)

October 2-7, Petrovac, Montenegro
<http://agora.guru.ru/optima-2017>

The VIII International Conference "Optimization and Applications" will take place in [Petrovac](#), Montenegro, October 2-7, 2017. The goal of the Conference is to bring together researchers and practitioners working in the field of optimization and related areas. The official working languages of the Conference are English, Russian and Montenegrin.

The conference proceedings will be published in [CEUR-WS](#) series which is (as a rule) indexed in [SCOPUS](#). In addition proceedings will be indexed in [Russian Citation Index](#) ("RINC"). Extended versions of the selected papers will be published in the special issue of [Journal of Global Optimization](#) (Impact Factor 1.219).

Conference topics:

- Mathematical Programming
- Global Optimization
- Nondifferential Optimization
- Continuous Optimization
- Combinatorial Optimization
- Multicriteria Optimization
- Equilibrium Programming
- Game Theory
- Optimal Control
- Applications.

Organizers:

- Federal Research Center "Computer Science and Control" of Russian Academy of Science
- The Montenegrin Academy of Sciences and Arts
- University of Montenegro
- University of Evora, Portugal

Previous event: VII International Conference "Optimization and Applications" (OPTIMA-2016): September 25 - October 2, 2016
<http://www.cima.uevora.pt/optima2016>

Contacts:

E-mail: confoptima@gmail.com

General questions:

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 Ivetta Zonn, tel: +7-499-135-15-09

Proceedings, scientific program:

Mikhail Posypkin, tel: +7-499-135-61-80

Transfer (not covered by reg. fee):

Vladan Radunovic,
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www.taterra.me,
www.facebook.com/taterra.me

Deadlines:

Registration: May, 15, 2017

[Submission](#) of abstracts: May, 15, 2017

Acceptance of a presentation notification:
 June, 15, 2017

[Submission](#) of full papers to Proceedings:
 July 15, 2017

Acceptance of papers to Proceedings
 notification: August 30, 2017

Fees:

Conference Registration Fee: **120 €**.

The Organizing Committee decided to prolong registration and paper **submission deadlines till May, 25**.



2nd EAI International Conference on Computer Science and Engineering

NOVEMBER 3–4, 2017 | BANGKOK, THAILAND

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Call for Papers - COMPSE

Scope

The requirements demands in problem solving have been increasingly in demand in exponential way. The new technologies in computer science and engineering have reduced the dimension of data coverage worldwide. Thus the recent inventions in ICT have inched towards reducing the gaps, and coverage of domains globally. The digging of information in a large data, and the soft-computing techniques have contributed a strength in prediction, analysis, and decision potentials in the niche areas such as Computer Science, Technology, Management, Social Computing, Green Computing, and Telecom etc. Nurturing the research in Technology and Computing are evident that finding a right pattern in the ocean of data.

Topics

The topics of interest to the conference include, but are not limited to:

Computer Science: Information Technology, Green Computing, Machine Learning, Smart Computing, Predictive Analysis, Mobile Programming, big data, Computer architecture, Computational & Synthetic Biology, Computer Graphics, Vision, Animation, Game Science, Computing for Development, Data Management, Human Computer Interaction, Natural Language Processing, Programming Languages and Software Engineering, Robotics, Security & Privacy, Systems and Networking, Theory of Computation, Ubiquitous Computing, Wireless and Sensor Systems, Using IT to reduce carbon emissions, Energy-aware computing, Smart grid and micro grids, Sustainable computing.

Optimization: Mathematical Programming, Continues optimization, Combinatorial optimization, Discreet optimization, Ant colony optimization, Fuzzy logic, Genetic algorithm, Genetic programming, variable neighbourhood search, Support vector machine, Cuckoo search, Simulated annealing, Bat algorithm, Differential evolution, robust solutions and robust optimization, online optimization Holistic optimization, meta-heuristics and stochastic optimization, optimization in (video) games, surrogate-assisted optimization, dynamic optimization, Network design optimization, Optimization of energy-efficient protocols..

Contributions should be submitted electronically as PDF in **Confy system**

Highlights

- The event is endorsed by the [European Alliance for Innovation](#), a leading community-based organisation devoted to the advancement of innovation in the field of ICT.
- Selected accepted papers will be submitted for publication to EAI and made available through EU Digital Library, one of the world's largest scientific libraries.
- Proceedings are submitted for inclusion to the leading indexing services: EI, ISI Thomson's Scientific and Technical Proceedings at Web of Science, Scopus, CrossRef, Google Scholar, DBLP.
- Accepted Authors will be invited to submit an **extended version** of their work through one of EAI endorsed publications:
 - EAI Endorsed Transactions on Collaborative Computing
 - EAI Endorsed Transactions on Serious Games
 - EAI Endorsed Transactions on Cloud Systems
 - EAI Endorsed Transactions on Future Internet

Submission

Papers should be submitted via Confy system. Please follow instructions on initial submission and in author's kit when submitting your paper.



Important dates

Full Paper Submission deadline
21 May 2017

Notification and Registration opens
30 July 2017

Camera-ready deadline
27 August 2017

Start of Conference
3 November 2017

End of Conference
4 November 2017

Previous Compse Conferences

[2016](#) - Penang, Malaysia

Technical sponsors



OMS 2017: 4th Conference on Optimization Methods and Software

Havana, Cuba, Dec 16 - 20, 2017

<http://wias-berlin.de/workshops/oms2017/>

The 4th Conference on Optimization Methods and Software December 16-20, 2017, Havana, Cuba <http://wias-berlin.de/workshops/oms2017/speaker.html> It is organized in relation to the 25th anniversary of the journal Optimization Methods and Software (OMS) <http://www.tandfonline.com/goms>

The conference aims to review and discuss recent advances and promising research trends in optimization theory, methods, applications and software development.

Topics

include, but are certainly not limited to the following subjects:

Linear and Nonlinear Optimization; Integer and Combinatorial Optimization; Convex and Nonsmooth Optimization; Global Optimization; Semi-definite Optimization; Semi-infinite Optimization; Multi-objective Optimization; Stochastic Optimization; Complementarity and Variational Inequality Problems; Derivative-free Optimization; Network Optimization; Scheduling Problems; Optimal Control; Inverse Problems; Automatic Differentiation; Optimization Software.

Plenary Speakers

the list will be composed of OMS board members

<http://users.mai.liu.se/olebu87/EditorialBoard.html>

Abstract Submission and Conference Publications

Abstracts should not exceed 400 words. Details of the submission will soon be available on the conference web site. Papers presented at the conference will be considered for peer-reviewed publication in a special issue of the journal Optimization Methods and Software.

Session Organization

Proposals of organizing sessions are welcome and can be sent to Tamás Terlaky by email [tat208\[at\]lehigh.edu](mailto:tat208[at]lehigh.edu)

Dates and Deadlines

Abstract submissions: September 15, 2017

Notification of acceptance: September 30, 2017

Registration Fee

(early/late) in the Cuban Convertible Peso (CUC)

Regular participant: 350/400 CUC

Student: 150/175 CUC

Accompanying person: 100/120 CUC

Conference Organizers

- Oleg Burdakov (Sweden), Conference Chair
- José Mário Martinez (Brazil), Organizing Committee Chair
- Michael Hintermüller (Germany), Organizing Committee co-Chair
- Emre Alper Yildirim (Turkey), Organizing Committee co-Chair
- Tamás Terlaky (USA), Program Committee Chair
- Sira M. Allende (Cuba), Local Organizing Committee Chair

CALL FOR PAPERS AND SPECIAL SESSIONS

WGSCO2018 - “Workshop on Graph Spectra, Combinatorics and Optimization”

Aveiro, Portugal, January 25-27, 2018

<http://wgSCO2018.web.ua.pt>

It is our pleasure to announce the WGSCO2018 “**Workshop on Graph Spectra, Combinatorics and Optimization**” on the occasion of the 65th Birthday of Prof. **Domingos M. Cardoso**, to be held at the University of Aveiro, Portugal, from January 25 to 27, 2018.

Aim and Scope

The aim of WGSCO2018 is to bring together academic specialists and promote broad exchange of information and new developments in Spectral Graph Theory, Combinatorics and Optimization, and other related areas. During the Workshop we will commemorate the 65th birthday of Domingos M. Cardoso, who is a prominent Professor of the University of Aveiro.

Format of the Workshop

The scientific program of the Workshop consists of Plenary talks by the Invited Speakers and 20-minute contributed talks. We kindly invite you to contribute to the scientific program of the Workshop by submitting an abstract or a Special Session and participating in the Workshop. All abstracts will be refereed by the members of the International Scientific Committee. The abstracts will be published electronically in the Book of Abstracts.

The topics of the Workshop

The main topics are the Theory of Graph Spectra, Combinatorics and Optimization, but related topics like:

Algebraic Combinatorics, Algebraic Graph Theory, Algorithms and Computing Techniques, Combinatorial Optimization, Communications and Control Theory, Enumerative Combinatorics, Extremal Combinatorics, Graph Theory, Optimization in Graphs, Graph Spectra and applications, Linear Optimization, Networks, Nonlinear Optimization,

are also welcome.

Special Issue

A special issue of [Discrete Applied Mathematics \(DAM\)](#) with full-length papers will be dedicated to the WGSCO2018. We invite the participants of the Workshop to submit their papers to the Special Issue. At least one of the authors of each accepted paper should be registered as a participant of the conference. All papers will be reviewed in accordance to the high standards of Discrete Applied Mathematics. The deadline for the submission of the full-length papers is May 31, 2018.

Invited Speakers

Jerzy Szymański, University of Adam Mickiewicz, Poznan, Poland
Jorge Orestes, New University of Lisbon, Portugal
Nair Abreu, Federal University of Rio de Janeiro, Brasil
Peter Rowlinson, University of Stirling, Scotland, UK
Richard Brualdi, University of Wisconsin, Madison, Wisconsin, USA
Slobodan Simić, Serbian Academy of Sciences and Arts, Serbia
Tamás Terlaky, Lehigh University, Bethlehem, Pennsylvania, USA
Vadim Lozin, University of Warwick, UK
Willem Haemers, Tilburg University, The Netherlands

Organizing committee

Co-chairs:

Paula Carvalho, Sofia Pinheiro, Tatiana Tchemisova

Members:

Carlos Luz, João Pedro Cruz, João Santos, Luís Filipe Castro, Milica Anđelić, Paula Rama

Email: CIDMA-wgsco2018@ua.pt

Important Dates

Abstract Submission and Special Session Proposals : September 30, 2017

Notification of Acceptance: October 15, 2017

Early-Bird Registration: October 30, 2017

Later Registration: January 05, 2018

Conference: January 25-27, 2018

International Scientific Committee

Agostinho Agra, University of Aveiro, Portugal
Andrey Sarychev, University of Florence, Italy
Christopher Godsil, Waterloo University, Canada
Dragan Stevanović, Serbian Academy of Sciences and Arts, Serbia
Dragoš Cvetković, Serbian Academy of Sciences and Arts, Serbia
Enide Andrade, University of Aveiro, Portugal
Irene Sciriha Aquilina, University of Malta, Malta
Joaquim Júdice, University of Coimbra, Portugal
João Clímaco, University of Coimbra, Portugal
José Fernando Oliveira, University of Porto, Portugal
Julius Zilinskas, University of Vilnius, Lithuania
Luís Gouveia, University of Lisbon, Portugal
Maria Eugénia Captivo, University of Lisbon, Portugal
María Robbiano, Universidad Católica del Norte, Chile
Miguel Anjos, Polytechnique Montreal, Canada
Ricardo L. Soto, Universidad Católica del Norte, Chile
Steve Kirkland, University of Manitoba, Canada
Vilmar Trevisan, Instituto de Matemática, UFRGS, Porto Alegre, Brazil
Vladimir Bushenkov, University of Évora, Portugal
Zoran Stanić, University of Belgrade, Serbia

The call for papers and Special Session Proposals is open and your participation is very welcome!

All information at the workshop website: <http://wgsc2018.web.ua.pt>

Looking forward to meeting you in Aveiro!

The Organizing Committee of WGSCO2018

Report of ICEST 2017

ICEST: a synergy for multi-disciplinary and OR-related research in Indonesia

“The Sustainability Research for the Advancement of Science and Technology” was the theme of the 2nd International Conference on Computer, Environment, Agriculture, Social Science, Health Science, Engineering, Science and Technology (ICEST 2017) which was held at the Garuda Plaza Hotel, Medan, Indonesia on May 5-7, 2017.

The conference served as a forum where scientists, researchers, software developers, and practitioners can exchange knowledge and ideas, present research findings and state-of-the-art solutions, share experiences, and open new avenues for research and development on issues and topics related to science and also social problems in the community.

The conference was well-attended by 120 participants among which are 68 paper presenters from Indonesia, Malaysia, Philippines, Brunei Darussalam, Taiwan and Singapore. Thirty-two papers focused on Medicine, Agriculture, Mathematics, Computer Science and Engineering while the others were on the Arts, Teaching, Economic and Social Sciences. Researches emphasized on the policies, practices, problems, and innovative solutions using OR. Furthermore, the impact on sustainable research for the advancement of Science and Technology was given stress.

Highlights of the conference were the Keynote Speeches delivered by Prof. Milagros Balde-mor (Philippines) on The Synergy of Computer Science and Mathematics; Prof. Monowarul Mobin Siddique (Brunei) on The Determination of Phytonutrients, Antioxidants and Mineral Compositions of Different Fractions of Tropical Fruits and Prof. Lusiana Andriani Lubis (Indonesia) on New Media and the Children’s Culture of Playing. Questions after the keynote speeches were excellently answered by the speakers and these further clarified the doubts and boosted the research capabilities of the participants. This was followed by two parallel sessions: one on Medicine, Agriculture, Mathematics, Computer Science and Engineering while the other was on the Arts, Teaching, Economic and Social Sciences.

The 2nd ICEST Conference was jointly organized by four institutions namely IKATAN Alumni USM of Sumatera Utara, the University of Sumatera Utara, Univeriti Sains Malaysia and Politeknik Negeri Medan. The organizing Committee was led by Prof. Rahmat Widia Sembiring, Prof. Ameilia Zuliyanti Siregar and Prof. Lusiana Andriani Lubis. This team has closely collaborated with friends from EURO and IFORS, at occasions of our recent years EURO and IFORS conferences and of the conference series called InteriOR.

The participants gave positive feedbacks and comments on the organization of the conference, the speeches, lectures and the research presentations, in the same way that they appreciated the opportunity to explore the beautiful tourist spots that the area had to offer.



The Keynote Speakers with the members of the Organizing Committee

Milagros R. Baldemor
Professor, Don Mariano Marcos Memorial State University
La Union, Philippines
milagros_baldemor@yahoo.com.ph

Gerhard-Wilhelm Weber
Professor, Middle East Technical University
Ankara, Turkey
gweber@metu.edu.tr

Developing Countries Online Resources (IFORS)

Dear colleagues,

regarding IFORS Developing Countries OR Resources Website, its regular updates - and your possible own submission of “free” (not copyright protected) material, you might occasionally visit

<http://ifors.org/developing-countries/>

Thank you very much for your attention.

With kind regards,
best wishes,
Gerhard-Wilhelm Weber

Contacts

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

People wishing to send a message to the EUROPT mailing list should contact our web administrator Semih Kuter semihkuter@yahoo.com. The message will then be distributed upon approval by the EUROPT Managing Board.

For specific questions, the members of the Managing Board can be contacted:

- Julius Žilinskas, chair julius.zilinskas@mii.vu.lt
- Giancarlo Bigi, website editor giancarlo.bigi@unipi.it
- Sonia Cafieri, newsletter editor sonia.cafieri@enac.fr
- Edmondo Minisci, communications coordinator edmondo.minisci@strath.ac.uk
- Dmitri Kvasov, events coordinator kvadim@dimes.unical.it
- Fabio Schoen, relations coordinator fabio.schoen@unifi.it
- Andreas Grothey, treasurer A.Grothey@ed.ac.uk

Editor's notes

Dear members of EUROPT, dear readers,

The next months are rich of interesting events for our EUROPT community. We hope that many of you will take part in our annual workshop in Montréal next July, that will be an excellent occasion of discussion and exchange of ideas.

As usual, in this Newsletter we do our best to provide you up-to-date informations about forthcoming events, calls for papers, and online resources.

I thank you the colleagues who contributed to this issue, and, in the hope of publishing a Newsletter always rich in interesting informations for our community, I encourage all the readers to share informations and announcements about activities related to EUROPT.

The Newsletter Editor

Sonia Cafieri

ENAC, University of Toulouse, France

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