



**EUROPT**

## Newsletter 2 of EUROPT

The Continuous Optimization Working Group of EURO

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

November 2006

EUROPT - The Continuous Optimization Working Group of EURO

# Words from the Chair

Dear Members of EUROPT, dear Friends,

In each academic year there are two "high times" of a special intensity of scientific events: early July and early September. Also we witnessed successful meetings in these and other periods; Actually, our group EUROPT has been active during the whole year. Now, in the last months of this year 2006, there will actually be important meetings which some of us will attend, such as the 5<sup>th</sup> Ballarat Workshop in honour of our EUROPT Fellow 2006, Prof. Dr. Alexander Rubinov, and the conference VOCAL in Veszprém, Hungary. But, definitely, these weeks are a time of *preparation*, as the first and this second EUROPT e-Newsletter closely tell us.

Indeed, there will be two special events in 2007 where we from EUROPT are fruitfully collaborating for: **A Joint EUROPT-OMS Meeting** and **EURO XXII 2007**, both in early July and accompanied by the two workshops of our new sister EURO Working Groups CBBM and ORD.

Here, we are all very much welcome, as presenters and on the different stages of organization, e.g., for streams and sessions. Many of us are already involved in these activities. Also You are cordially welcome! Let me not anticipate here too much from the information given in the Newsletter subsequently, but just mention about the successful collaboration with the journal OMS and that your participation as a *Session Organizer at the EUROPT-OMS Meeting* would be most warmly appreciated!

What is more, all your talents, knowledge, experience and enthusiasm: our group EUROPT does not want to miss them! Please never hesitate to send to me or any other EUROPT Managing Board member Your ideas, proposals and visions! We all: from the EUROPT members of the "first hour" in 2000 to the colleagues who joined quite recently our working group, a network of scientific excellence, friendship and hope.

I wish us pleasure and good ideas for our personal and common scientific life when reading this 2nd Newsletter, and I and thank our friend and newsletter editor Kaisa for all her care.

With best wishes, Your sincerely,  
Gerhard-Wilhelm Weber  
chair of EUROPT

P.S. We congratulate Prof. Dr. Saul Gass on account of his 80th birthday this year. PhD Dr. Ekaterina Kostina has received a professorship at the University of Marburg, Germany and PhD Dr. Oliver Stein a professorship at the University of Karlsruhe, Germany. Jiming Peng has recently moved to his new position at the Industrial and Enterprise Systems Engineering Department of the University of Illinois at Urbana-Champaign. We wish them lots of success in their new positions.

## FIRST ANNOUNCEMENT, CALL FOR PAPERS AND ORGANIZING SESSIONS

### **A Joint EUROPT-OMS Meeting**

July 4-7, 2007, Prague, Czech Republic

<http://cio.umh.es/europt-oms/>

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

#### TOPICS INCLUDE:

- \* Linear and Nonlinear Optimization
- \* Integer and Combinatorial Optimization
- \* Convex and Nonsmooth Optimization
- \* Global Optimization
- \* Semi-definite Programming
- \* Semi-infinite Programming
- \* Multi-objective Optimization
- \* Stochastic Optimization
- \* Complementarity and Variational Inequality Problems
- \* Derivative-free Optimization
- \* Network Optimization
- \* Scheduling Problems

- \* Optimization in Technological, Bio- and Social Systems
- \* Financial Optimization
- \* Optimal Control
- \* Automatic Differentiation
- \* Optimization Software

This international conference is the first joint Meeting organized by the journal Optimization Methods and Software (OMS) <http://www.tandf.co.uk/journals/titles/10556788.html> and the Working Group on Continuous Optimization (EUROPT) <http://www.iam.metu.edu.tr/EUROPT/> of the Association of European Operational Research Societies (EURO). It is organized in cooperation with EURO, SIAM and SIAG/OPT. The EUROPT-OMS Conference will be held prior to the 22nd European Conference on Operational Research (EURO XXII) in Prague <http://euro2007.vse.cz/> and the 6th International Congress on Industrial and Applied Mathematics (ICIAM 2007) in Zurich <http://www.iciam07.ch/index>

#### INVITED SPEAKERS:

Frederic Bonnans (France)  
Yury Evtushenko (Russia)  
Komei Fukuda (Switzerland)  
Carlo Mannino (University of Rome, Italy)  
Dorit Hochbaum (USA)  
Tibor Illés (Hungary)  
Adrian Lewis (USA)  
Michal Kocvara (Czech Republic)  
Alexander Martin (Germany)  
Florian Potra (USA)  
Liqun Qi (China)  
Philippe Toint (Belgium)  
Stefan Ulbrich (Germany)  
Stephen Wright (USA)  
Yinyu Ye (USA)  
Ya-xiang Yuan (China)

CONFERENCE ORGANIZERS: Oleg Burdakov (Sweden), Conference Chair Florian Jarre (Germany), Conference Chair Karel Zimmermann (Czech Republic), Conference Chair Gerhard Wilhelm Weber (Turkey), Program Committee Chair, SIAM and EUROPT representative Marco A. López (Spain), Organizing Committee Chair Martin Gavalec (Czech Republic), Local Organizing Committee Chair Complete list of the Committees Members is available on the conference web site.

CONFERENCE VENUE: The conference will be hosted by the University of Economics, Prague. The University Campus is located within 15 minutes walking distance of the historical centre of Prague.

HOTEL ARRANGEMENTS: Prague has a large capacity in a wide variety of accommodation facilities, ranging from luxurious five-star hotels to economical two star hotels, and to student hostels. Many of the hotels are easily accessible from the conference venue - within 5-20 minutes by walking, underground, bus or tram. The prices are between EUR 50-60 for two star hotels, EUR 70-80 for three star hotels and around EUR 20 for student hostels. More details on room reservation will be given in the second announcement.

ABSTRACT SUBMISSION: Abstracts should not exceed one page. Details of the submission are available on the conference web site.

SESSION ORGANIZATION: Proposals of organizing sessions on various topics are welcome and can be sent to G.W. Weber and M. Dür by email: [gweber@metu.edu.tr](mailto:gweber@metu.edu.tr) and [duer@mathematik.tu-darmstadt.de](mailto:duer@mathematik.tu-darmstadt.de).

SOFTWARE EXHIBITION: Optimization software developers are invited to participate in the software exhibition. The basic computer facility for software demonstration will be provided by the conference.

CONFERENCE PUBLICATIONS: Papers presented at the conference will be considered for peer-reviewed publication in a special issue of the journal Optimization Methods and Software. More detailed information will be available on the conference web site.

**DATES AND DEADLINES:**

Deadline for abstract submissions: April 30, 2007.

Notification of acceptance: May 15, 2007.

Deadline for early registration: May 31, 2007.

**REGISTRATION FEE:**

Early registration: EUR 200 (EUR 100 for students).

Late registration: EUR 250 (EUR 125 for students).

**SPONSORS AND PARTNERS:** EURO, Taylor & Francis, SIAM, SIAG/OPT, University of Economics (Czech Republic), University of Hradec Kralove (Czech Republic), Alicante University (Spain), Middle East Technical University (Turkey), Universidad Miguel Hernández de Elche (Spain), TOBB University of Economics and Technology (Turkey)

**EMAIL ADDRESS:** [euopt-oms2007@uhk.cz](mailto:euopt-oms2007@uhk.cz)

## **Announcement of the First Vienna International Continuous and Combinatorial Optimization Colloquium VICCOC 06**

organized jointly by

the Department of Statistics and DSS (ISDS) of the University of Vienna,

the Erwin Schroedinger Institute (ESI) <http://www.mat.univie.ac.at/~neum/gicolag.html>

and the Austrian Society of Operations Research (OeGOR) <http://www.oegor.at/akopt/>

Dates: 11 (afternoon) and 12 (morning) December 2006

Venue: ESI, Boltzmanngasse 9/2nd floor, A-1090 Wien, Austria

Speakers:

K. Anstreicher (Univ.Iowa), M.Duer (T.Univ. Darmstadt)

[http://www.oegor.at/isdskoll/activities.php?action=Show\\_Act&ID=62](http://www.oegor.at/isdskoll/activities.php?action=Show_Act&ID=62)

D. Hochbaum (Univ.Berkeley)

[http://www.oegor.at/isdskoll/activities.php?action=Show\\_Act&ID=65](http://www.oegor.at/isdskoll/activities.php?action=Show_Act&ID=65)

A. Sartenaer (Univ. Namur), T.Terlaky (McMaster Univ.)

[http://www.oegor.at/isdskoll/activities.php?action=Show\\_Act&ID=61](http://www.oegor.at/isdskoll/activities.php?action=Show_Act&ID=61)

Admission to the talks is free, and there will be plenty of possibilities to interact with high-profile specialists on optimization in these two half-days.

All EUROPT members, as well as all interested students and researchers are welcome.

## **HIBIT'07, INTERNATIONAL SYMPOSIUM ON HEALTH INFORMATICS AND BIOINFORMATICS**

Belek, Antalya, TURKEY

April 30 - May 2, 2007

<http://hibit.ii.metu.edu.tr/07/index.html>

Aim of the HIBIT'07 is to bring together academicians from medical, biological and IT fields with industry and government for creating synergy and supporting interdisciplinary research and development in the region on the subject. It is the second HIBIT conference, with expected participation from all around the world, as in the first one. High Quality Research Submissions are invited for technical papers describing original unpublished results of theoretical, empirical, conceptual, and experimental work.

Topics of interest include, but are not limited to:

## HEALTH INFORMATICS

Electronics Health Records and Standards Clinical Informatics and Hospital Information Systems Telemedicine and Mobile Applications Decision Support Systems and Computer Aided Diagnosis Health Informatics (HI) Education Security, Ethics and Privacy Data Mining and Knowledge Discovery in HI Medical Signal/Image Analysis and Visualization Medical Imaging and Instrumentation Virtual Reality and Simulation Medical Transaction Provision Systems

## BIOINFORMATICS

Biomolecular Sequence Analysis, Comparative Genomics, Biomedical Genome Research, Microarray Informatics, Protein Expression and Modification, Protein Interactions, Protein Structure Prediction, Biomedical Proteome Research, Genetic Networks, Systems Biology, Text mining and information Extraction, Evolution and Phylogeny, Structural Bioinformatics

## CONFERENCE CHAIR

Nese Yalabik, METU ([yalabik@ceng.metu.edu.tr](mailto:yalabik@ceng.metu.edu.tr))

## PROGRAM CHAIRS

Nazife Baykal, METU

Tolga Can, METU

Mesude Iscan, METU

Erkan Mumcuoglu, METU

## SUBMISSION

Papers will be selected on the basis of originality, significance and clarity. Length of submitted full papers is limited to 8 pages. Proceedings will be published before the symposium. Posters reporting on recent research (both theoretical and experimental) are also sought. Abstracts of accepted posters will also be published in the symposium proceedings. A number of tutorials will be given by distinguished Lecturers.

## CONFERENCE INFORMATION

will be available at at the homepage <http://hibit.ii.metu.edu.tr/07/index.html>, which has been designed to be a living document offering up-to-date news on all conference events, submission instructions and deadlines, hotel information, registration, tourist information, travel, etc.. The continuously updated web pages will help you plan your involvement in the conference. We encourage you to leave your own mark on this important event.

## IMPORTANT DATES

Full paper submission            December 1, 2006

Author notification for full papers    February 1, 2007

Poster abstract submission        February 10, 2007

Author notification for posters      February 20, 2007

Camera ready deadline            March 1, 2007

The organizers are looking forward to welcoming you to hospitable Turkey!

EUROPT supports HIBIT'07, as it did for HIBIT'06, and by this also intends to support our new EURO Working Group "OR in Computational Biology, Bioinformatics and Medicine" <http://euro-cbb.ku.edu.tr/>, which in a special way represents computational biology and bioinformatics at EURO!

# Collection of Streams and Main Streams at EUROXXII 2007

## Main Streams Co-Organized by Members of EUROPT

Continuous Optimisation & Control

Tamas Terlaky [terlaky@cas.mcmaster.ca](mailto:terlaky@cas.mcmaster.ca)

Diethard Klatte [klatte@ior.unizh.ch](mailto:klatte@ior.unizh.ch)

Decision Analysis, Decision Support Systems

Pascale Zarate [pascale.zarate@ensiacet.fr](mailto:pascale.zarate@ensiacet.fr)

Leonidas Sakalauskas [sakal@kti.mii.lt](mailto:sakal@kti.mii.lt)

## Dynamic Systems

Markus Schwaninger [markus.schwaninger@unisg.ch](mailto:markus.schwaninger@unisg.ch) Gerhard-Wilhelm Weber [gweber@metu.edu.tr](mailto:gweber@metu.edu.tr) Daniel Dubois [daniel.dubois@ulg.ac.be](mailto:daniel.dubois@ulg.ac.be)

## Game Theory, Mathematical Economics

Ignacio Garcia Jurado [igjurado@usc.es](mailto:igjurado@usc.es)  
Stefan W. Pickl [stefan.pickl@unibw.de](mailto:stefan.pickl@unibw.de)

## Graphs & Networks, Scheduling & Location

Chris Potts [C.N.Potts@maths.soton.ac.uk](mailto:C.N.Potts@maths.soton.ac.uk)

Frank Plastria [Frank.Plastria@vub.ac.be](mailto:Frank.Plastria@vub.ac.be)

## OR Education, History, Ethics

Valerie Belton [val.belton@strath.ac.uk](mailto:val.belton@strath.ac.uk) Jakob Krarup [krarup@diku.dk](mailto:krarup@diku.dk)

## OR in Health & Life Sciences

Marion Rauner [marion.rauner@univie.ac.at](mailto:marion.rauner@univie.ac.at)  
Jacek Blazewicz [jblazewicz@cs.put.poznan.pl](mailto:jblazewicz@cs.put.poznan.pl)

## Softcomputing and Artificial Intelligence

Janos Fodor [Fodor@bmf.hu](mailto:Fodor@bmf.hu) Jaroslav Ramik [ramik@opf.slu.cz](mailto:ramik@opf.slu.cz) Jacob Kogan [kogan@math.umbc.edu](mailto:kogan@math.umbc.edu)  
Emilio Carrizosa [ecarrizosa@us.es](mailto:ecarrizosa@us.es)

## Software for OR / Modelling Languages

Bjarni Kristjansson [bjarni@maximalsoftware.com](mailto:bjarni@maximalsoftware.com)

For the other main streams of EURO XXII 2007 please cf. [http://euro2007.vse.cz/main\\_streams.html](http://euro2007.vse.cz/main_streams.html);  
EUROPT appreciates and supports them all!

## **Streams Organized or Guided by Members of EUROPT (main stream mentioned as well)**

### Automatic Differentiation and Optimisation

Andreas Griewank [griewank@mathematik.hu-berlin.de](mailto:griewank@mathematik.hu-berlin.de), Continuous Optimisation & Control

### Global Optimisation

Mirjam Duer [duer@mathematik.tu-darmstadt.de](mailto:duer@mathematik.tu-darmstadt.de), Continuous Optimisation & Control

### Linear and Conic Optimisation

Petra Huhn [huhn@math.tu-clausthal.de](mailto:huhn@math.tu-clausthal.de), Tibor Illés [illes@math.elte.hu](mailto:illes@math.elte.hu), Etienne De Klerk [E.deKlerk@uvt.nl](mailto:E.deKlerk@uvt.nl),  
Continuous Optimisation & Control

### Linear Semi-Infinite Optimisation

Marco A. Lopez [marco.antonio@ua.es](mailto:marco.antonio@ua.es), Miguel Goberna [mgoberna@ua.es](mailto:mgoberna@ua.es), Maxim Todorov [maxim.todorov@udlap.mx](mailto:maxim.todorov@udlap.mx), Continuous Optimisation & Control

### Mathematical Programming

Sandor Z. Nemeth [nemeths@for.mat.bham.ac.uk](mailto:nemeths@for.mat.bham.ac.uk), Continuous Optimisation & Control

### Nonlinear Programming

Amir Beck [becka@ie.technion.ac.il](mailto:becka@ie.technion.ac.il), Gerhard-Wilhelm Weber [gweber@metu.edu.tr](mailto:gweber@metu.edu.tr), Emre Alper Yildirim [yildirim@bilkent.edu.tr](mailto:yildirim@bilkent.edu.tr), Continuous Optimisation & Control

### Nonlinear Semi-Infinite Optimisation

Oliver Stein [stein@mathc.rwth-aachen.de](mailto:stein@mathc.rwth-aachen.de), Jan Rueckmann [janj.ruckmann@udlap.mx](mailto:janj.ruckmann@udlap.mx) Continuous Optimisation & Control

### Nonsmooth Optimisation

Adil Bagirov [a.bagirov@ballarat.edu.au](mailto:a.bagirov@ballarat.edu.au), Regina Burachik [Regina.Burachik@unisa.edu.au](mailto:Regina.Burachik@unisa.edu.au), Rafail Gasimov [gasimovr@ogu.edu.tr](mailto:gasimovr@ogu.edu.tr), Continuous Optimisation & Control

#### Optimal Control

Frédéric Bonnans [Frederic.Bonnans@inria.fr](mailto:Frederic.Bonnans@inria.fr), Yalcin Kaya [yalcin.kaya@unisa.edu.au](mailto:yalcin.kaya@unisa.edu.au)  
Continuous Optimisation & Control

#### Vector and Set-Valued Optimisation

Vicente Novo [vnovo@ind.uned.es](mailto:vnovo@ind.uned.es)  
Bienvenido Jimenez [bjimen1@encina.pntic.mec.es](mailto:bjimen1@encina.pntic.mec.es), César Gutierrez [cesargv@mat.uva.es](mailto:cesargv@mat.uva.es)  
Continuous Optimisation & Control

#### Machine Learning and Its Applications

John Shawe-Taylor [jst@cs.ucl.ac.uk](mailto:jst@cs.ucl.ac.uk), Continuous Optimisation & Control

#### Financial Optimisation and Risk Management in Public Dept Analysis

Esma Gaygisiz [esma@metu.edu.tr](mailto:esma@metu.edu.tr), Continuous Optimisation & Control

#### Variational Inequalities and Bi-Level Problems

Jiri Outrata [outrata@utia.cas.cz](mailto:outrata@utia.cas.cz), Michal Kocvara [kocvara@penopt.com](mailto:kocvara@penopt.com), Stepan Dempe [dempe@math.tu-freiberg.de](mailto:dempe@math.tu-freiberg.de), Continuous Optimisation & Control

#### Geographic Information Management

Zuhal Akyurek [zakyurek@metu.edu.tr](mailto:zakyurek@metu.edu.tr), Sebnem Duzgun [duzgun@metu.edu.tr](mailto:duzgun@metu.edu.tr), Abdulvahit Torun [atorun@hgk.mil.tr](mailto:atorun@hgk.mil.tr), Decision Analysis Decision Support Systems

#### System Dynamics Modelling

Markus Schwaninger [Markus.Schwaninger@unisg.ch](mailto:Markus.Schwaninger@unisg.ch), Stefan Grösser [stefan.groesser@unisg.ch](mailto:stefan.groesser@unisg.ch)  
Dynamic Systems

#### Anticipatory Systems

Daniel Dubois [Daniel.Dubois@ulg.ac.be](mailto:Daniel.Dubois@ulg.ac.be), Dynamic Systems

#### Discrete Optimal Control

Dimitrii Lozovanu [lozovanu@math.md](mailto:lozovanu@math.md), G.W. Weber [gweber@metu.edu.tr](mailto:gweber@metu.edu.tr), Bülent Karasözen [bulent@metu.edu.tr](mailto:bulent@metu.edu.tr), Dynamic Systems

#### Dynamic Programming

Lidija Zadnik-Stirn [lidija.zadnik@bf.uni-lj.si](mailto:lidija.zadnik@bf.uni-lj.si), Dynamic Systems

#### Dynamical Systems in OR

Ömür Ugur [ougur@metu.edu.tr](mailto:ougur@metu.edu.tr), Gerhard W. Weber [gweber@metu.edu.tr](mailto:gweber@metu.edu.tr), Dynamic Systems

#### Dynamics and Control of Economic Processes

Gustav Feichtinger [or@server.eos.tuwien.ac.at](mailto:or@server.eos.tuwien.ac.at), Dynamic Systems

#### Population Dynamics, Oscillation Theory and Applications

Ömer Akin [omerakin@etu.edu.tr](mailto:omerakin@etu.edu.tr), Dynamic Systems

#### Energy

Eddie Anderson [eddiea@agsm.unsw.edu.au](mailto:eddiea@agsm.unsw.edu.au), Andy Philpott [a.philpott@auckland.ac.nz](mailto:a.philpott@auckland.ac.nz)  
Energy / Environment

#### Energy Markets and Sustainable Modelling

Klaus Lackner [kl2010@columbia.edu](mailto:kl2010@columbia.edu), Stefan Pickl [spickl@informatik.unibw-muenchen.de](mailto:spickl@informatik.unibw-muenchen.de)  
Energy / Environment

#### Long Term Financial Decisions

Thomas Burkhardt [tburkha@uni-koblenz.de](mailto:tburkha@uni-koblenz.de), Financial Modelling & Risk Management

#### Life Insurance, Risk Management & OR

Angelika May [may@mathematik.uni-oldenburg.de](mailto:may@mathematik.uni-oldenburg.de), Financial Modelling & Risk Management



#### Optimisation Software

Istvan Maros [im@doc.ic.ac.uk](mailto:im@doc.ic.ac.uk), Michal Kocvara [kocvara@penopt.com](mailto:kocvara@penopt.com)  
Continuous Optimisation & Control

#### Parametric Optimisation

Juergen Guddat [jguddat@mathematik.hu-berlin.de](mailto:jguddat@mathematik.hu-berlin.de), Georg Still [g.j.still@math.utwente.nl](mailto:g.j.still@math.utwente.nl)  
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#### Dynamic Games

Don Mc Laughlin [dmclaugh@unm.edu](mailto:dmclaugh@unm.edu), Game Theory, Mathematical Economics

#### Cooperative Games

Theo Driessen [t.s.h.driessen@math.utwente.nl](mailto:t.s.h.driessen@math.utwente.nl), Game Theory, Mathematical Economics

#### Online Algorithms

Wolfgang Bein [bein@cs.unlv.edu](mailto:bein@cs.unlv.edu), Game Theory, Mathematical Economics

#### Parametric Optimisation

Juergen Guddat [jguddat@mathematik.hu-berlin.de](mailto:jguddat@mathematik.hu-berlin.de), Georg Still [g.j.still@math.utwente.nl](mailto:g.j.still@math.utwente.nl)  
Continuous Optimisation & Control

#### Location Analysis

Frank Plastria [Frank.Plastria@vub.ac.be](mailto:Frank.Plastria@vub.ac.be), Graphs & Networks, Scheduling & Location

#### Transportation and Traffic

Hediye Tuydes [hedtu@ce.metu.edu.tr](mailto:hedtu@ce.metu.edu.tr), Logistics & Transportation & Traffic

#### Multiple Criteria Decision Making and Optimisation AND Continuous Optimisation & Control

Jose Figueira [figueira@ist.utl.pt](mailto:figueira@ist.utl.pt), Kathrin Klamroth [klamroth@am.uni-erlangen.de](mailto:klamroth@am.uni-erlangen.de)  
Multiple Criteria Decision Making and Optimisation

#### Computational Biology

##### Bioinformatics and Medicine

Jacek Blazewicz [jblazewicz@cs.put.poznan.pl](mailto:jblazewicz@cs.put.poznan.pl), Metin Türkay [mturkay@ku.edu.tr](mailto:mturkay@ku.edu.tr), Jon Garibaldi [jmg@Cs.Nott.AC.UK](mailto:jmg@Cs.Nott.AC.UK), OR in Health & Life Sciences

#### Methodology of Societal Complexity

Dorien J. DeTombe [DeTombe@lri.jur.uva.nl](mailto:DeTombe@lri.jur.uva.nl), Decision Analysis, Decision Support Systems

#### OR for Development

Leroy White [leroy.white@bris.ac.uk](mailto:leroy.white@bris.ac.uk), Gerhard-Wilhelm Weber [gweber@metu.edu.tr](mailto:gweber@metu.edu.tr), Hans Ittmann [hittmann@csir.co.za](mailto:hittmann@csir.co.za), OR in Health & Life Sciences

#### Revenue Management

Houyuan Jiang [h.jiang@jbs.cam.ac.uk](mailto:h.jiang@jbs.cam.ac.uk), Ayse Kocabiyikoglu [aysekoca@bilkent.edu.tr](mailto:aysekoca@bilkent.edu.tr)  
Revenue Management

#### Computational and Artificial Intelligence

Silja Meyer-Nieberg [silja.meyer-nieberg@unibw.de](mailto:silja.meyer-nieberg@unibw.de), Stefan Pickl [spickl@informatik.unibw-muenchen.de](mailto:spickl@informatik.unibw-muenchen.de)  
Softcomputing and Artificial Intelligence

#### Data Mining in Quality Improvement and Manufacturing

Gülser Köksal [koksal@ie.metu.edu.tr](mailto:koksal@ie.metu.edu.tr), Softcomputing and Artificial Intelligence

#### Optimisation and Data Mining

Emilio Carrizosa [ecarrizosa@us.es](mailto:ecarrizosa@us.es), Jakob Kogan [kogan@math.umbc.edu](mailto:kogan@math.umbc.edu), Theodore Trafalis [ttrafalis@ou.edu](mailto:ttrafalis@ou.edu), Softcomputing and Artificial Intelligence

For other streams, see [http://euro2007.vse.cz/accepted\\_streams.html](http://euro2007.vse.cz/accepted_streams.html).

The list was collected by Gerhard-Wilhelm Weber



# Call for Papers "Data Mining and Knowledge Discovery" Stream of EURO XXII Prague, Czech Republic, July 8-11, 2007

and

**Special Issue** "KDD for Decision Making and Optimisation", International Journal of Business Intelligence and Data Mining (IJBIDM) [[www.inderscience.com/ijbidm](http://www.inderscience.com/ijbidm)] Guest Editors: Yannis Theodoridis, Gennady Andrienko, Fosca Giannotti, Myra Spiliopoulou, Michalis Vazirgiannis

URLs: <http://isl.cs.unipi.gr/events/dmkd-euro2007> ; <http://euro2007.vse.cz>

## IMPORTANT DATES

- \* Deadline for abstract submission: February 28, 2007
- \* Notification of acceptance (EURO abstracts): March 28, 2007
- \* Deadline for early registration: April 15, 2007
- \* Deadline for article submission: June 13, 2007
- \* EURO Conference: July 8-11, 2007
- \* Notification of acceptance (IJBIDM articles): September 12, 2007
- \* IJBIDM special issue: scheduled for Q1 2008

## AIM AND SCOPE

Data Mining and Knowledge Discovery (DMKD) is a well-established interdisciplinary field in the crossroads of statistics, operational research, machine learning and database management, with great applications in several fields, such as decision making and optimisation issues. Raw datasets complexity and volume ask for robust pre-processing techniques, high-quality analysis relies on sophisticated, high-performance DMKD techniques, algorithms and infrastructures, while efficient post-processing of data mining results is also an emerging request. EURO XXII conference is the leading European event of researchers and professionals in Operational Research. The "Data Mining and Knowledge Discovery" Stream within EURO XXII provides a venue for researchers who are addressing the above problems to present their work in a high quality environment.

## TOPICS OF INTEREST

Research, position and experience papers are welcomed. Topics of interest include, but are not limited to:

- \* Foundations of data mining
- \* Data mining and machine learning algorithms and methods in OR areas
- \* Data and knowledge representation for data mining
- \* Quality assessment and interestingness metrics of data mining results
- \* Decision-centred visual analytics
- \* Visualisation and data mining support to optimization and multi-criteria decision analysis
- \* Integration of data warehousing, OLAP and data mining for decision making
- \* Data mining applications in decision support

## SUBMISSION OF PAPERS

Paper abstracts should be submitted electronically to the EURO XXII management system (<http://euro2007.vse.cz>) according to the guidelines posted there. At least one author of each accepted abstract is expected to participate in the conference and present his/her work. Informal proceedings including accepted abstracts will be distributed on site.

Accepted works will be considered for publication in a special issue of the International Journal of Business Intelligence and Data Mining (IJBIDM), scheduled for the first quarter of 2008. Authors of accepted EURO abstracts will be invited to submit full articles (a typical size is between 7000 and 9000 words) and a number of 6-8 papers will be selected for the special issue after a second review round.

## STREAM ORGANIZING COMMITTEE

- \* Yannis Theodoridis, Univ. Piraeus, Greece (chair)
- \* Gennady Andrienko, Fraunhofer Inst. IAIS, Germany
- \* Fosca Giannotti, ISTI CNR, Italy
- \* Myra Spiliopoulou, Univ. Magdeburg, Germany
- \* Michalis Vazirgiannis, Athens Univ. of Economics and Business, Greece

# EURO-CBBM Workshop

Workshop on OR in Computational Biology, Bioinformatics and Medicine  
Prague, Czech Republic, July 8, 2007

## Objectives of the Workshop

The international workshop is being organized by the EURO Working Group on OR in Computational Biology, Bioinformatics and Medicine before the EURO2007 meeting in Prague, Czech Republic. The objective of the workshop is to bring together researchers developing and using OR methods to solve problems in computational biology, bioinformatics and medicine from a range of countries. The workshop intends to be an effective forum for the exchange and for the discussion of current research, issues and future trends.

## Areas of interest

We welcome researchers from different backgrounds addressing challenging problems in computational biology, bioinformatics and medicine:

- *biomolecular sequence analysis,*
- *comparative genomics,*
- *modelling and prediction of gene patterns,*
- *biomedical genome research,*
- *microarray informatics,*
- *biomedical proteome research,*
- *protein structure prediction,*
- *protein interactions,*
- *genetic networks,*
- *systems biology,*
- *population dynamics,*
- *gene dynamics,*
- *gene classification (e.g., for protection of gene pools),*
- *geometric morphometry,*
- *protein expression and modifications,*
- *drug design,*
- *modeling and analysis of metabolism,*
- *experimental design in biology,*
- *biomaterials and bioenergy,*
- *renewable resources,*
- *brain tomography,*
- *heart research,*
- *decision support systems and computer aided diagnosis,*
- *health informatics (HI) education,*
- *security, ethics and privacy,*
- *data mining and knowledge discovery,*
- *medical signal/image analysis and visualization,*
- *medical imaging and instrumentation*

## Important Dates

Submission for abstracts starts: November 2006  
Deadline for abstract submission: April 1, 2007  
Notification of acceptance: April 15, 2007  
Workshop: July 8, 2007

## Programming Committee

Prof. Jacek Blazewicz, Dr. Jon Garibaldi, Dr. Bjarni Halldorsson, Dr. Ceyda Oguz  
Dr. Metin Turkay (Chair), Prof. Gerhard Wilhelm Weber

**Contact:** Dr. Metin Turkay, Koc University ([mturkay@ku.edu.tr](mailto:mturkay@ku.edu.tr))

## Extension of Deadline

In August, we invited you with a Call for Papers to contribute a paper to the special issue "Advances in Continuous Optimization" of the Central European Journal of Operations Research.

Due to several deadline extension requests, the guest editors have decided to extend the paper submission deadline to **December 15, 2006**. Please note that this is a hard deadline, so that the review process can be completed in a timely manner.

We would highly appreciate your contribution to this special issue. Please send all correspondence to [stein@mathc.rwth-aachen.de](mailto:stein@mathc.rwth-aachen.de).

Oliver Stein, Georg Still, Tamas Terlaky, and Gerhard-Wilhelm Weber (CEJOR guest editors)

## EURO Doctoral Dissertation Award

The EDDA (EURO Doctoral Dissertation Award), a new EURO instrument, will now be awarded each time a EURO-K conference takes place. It will be awarded for the third time at the closing session of the EURO-2007 conference (Prague-**July 9-11, 2007**). The purpose is to identify the best PhD. thesis defended in the EURO countries during the last year. (For more information see: <http://www.euro-online.org/>). We therefore invite you to disseminate the information here under.

**Eligibility:** The entries will consist of doctoral dissertations that were completed after the competition deadline of the previous EURO Doctoral Dissertation Award, i.e. after January 15, 2006. The dissertation must have been defended at an European University and the author must be a member of an EURO member society. To be considered, a dissertation must be nominated by the thesis supervisor, who must submit the following items, as far as possible in electronic version:

1. Dissertation.
2. Extended abstract (3 to 5 pages) in English.
3. If the thesis was not written in English the nomination must include a paper in English (10 to max. 30 pages) describing the core ideas of the thesis that has been submitted for publication in an international journal or a prestigious conference.
4. Nomination letters (or reports) from two referees selected by the dissertation supervisor, supporting the submission and stating their assessment of why the thesis should win the award.

No nomination will be considered without these four items.

**Award:** The prize is endowed by 1.000 € for the final winner and includes a certificate. The three finalists are granted the early registration fee at the EURO K conference at which they participate as such. EURO will also contribute to their travel and journey expenses.

The **deadline** for submitting applications will be **February 15, 2007**.

As hundreds of PhD's in OR are achieved each year in Europe, we ask you to meet as far as possible the following rules:

- 1)- Please limit the applications to outstanding pieces of work.
- 2)- In order to facilitate the circulation of the contributions between the members of the jury, we ask you to send, as far as possible, only electronic versions to the address: [escudero@umh.es](mailto:escudero@umh.es). Otherwise, contact me for other alternatives.

Laureano F. Escudero, Chairman EDDA-2007

## INFORMS Optimization prize for young researchers

Assistant Professor Emre Alper Yildirim received INFORMS Optimization prize for young researchers. Congratulations! For more details, see <http://www.ie.bilkent.edu.tr/>

# EURO Excellence in Practice Award EEPA

An invitation for Authors to submit a paper for the above award.

The purposes of the competition are to:

- recognise 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 papers describing an application of Operational Research which has original features, whether in methodology, application or implementation, the age limit for the papers being four years. The papers must not have been submitted concurrently to another competition.

**Who can apply:** The invitation 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.
- preference should be given to published papers.

## THE PROCESS

The jury selects a short-list of finalist papers which will be presented in a special session of the EURO Conference. There is no registration fee for one author of each of the finalist papers. 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 that 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 JURY:** Chairman, Prof. Dr. Stefan Voß, University of Hamburg, Germany, [stefan.voss@uni-hamburg.de](mailto:stefan.voss@uni-hamburg.de)

### Other jury members:

Prof. Dr. Angel Corberan, University of Valencia, Spain [angel.corberan@uv.es](mailto:angel.corberan@uv.es)

Dr. Geir Hasle, SINTEF, Norway, [Geir.Hasle@sintef.no](mailto:Geir.Hasle@sintef.no)

Prof. Dr. Maria Grazia Speranza, University of Brescia, Italy, [speranza@eco.unibs.it](mailto:speranza@eco.unibs.it)

Prof. Dr. Stavros A. Zenios, University of Cyprus, Nicosia, CY, [zenioss@ucy.ac.cy](mailto:zenioss@ucy.ac.cy)

## SUBMISSION

Please inform the chairman or any other member of the Jury by email about the details of your submission.

**DEADLINE: 31 JANUARY 2007**

## Call for Nomination: EURO Gold Medal 2007

The EURO Gold Medal guidelines are available on the EURO Web Site <http://www.euro-online.org/display.php?page=gold2&>

# REPORT on AACIMP-2006

Achievements and Applications of Contemporary Informatics, Mathematics and Physics  
Summer School-Seminar 06 August - 20 August 2006, Kyiv, UKRAINE

First Open Summer School-Seminar "Achievements and Applications of Contemporary Informatics, Mathematics and Physics" ("AACIMP-2006") was held at National Technical University of Ukraine "Kyiv Polytechnic Institute" (NTUU "KPI") during August 6<sup>th</sup> – 20<sup>th</sup>, 2006. It was organized by Students' Science Association of NTUU "KPI" (SSA NTUU "KPI").

People who work in perspective branches of modern science gathered there to share their knowledge and ideas with students and to communicate with colleagues. Extending knowledge of the youth, popularization of new technologies and ideas that are not studied in university and search for new contacts in the scientific world were the aims of Summer School.

Scientists from Ukraine, Russia, Holland and Turkey (G.-W.Weber, B. Goldengorin, R.Tikidgi-Hamburyan, I.Samoylenko, A. Makarenko, V. Melnyk and others) gave lectures about the most interesting achievements of contemporary science and their applications in the modern world for the listeners of Summer School. The main topics of the lectures dealt with applied mathematics, contemporary technical developments in information technologies and concepts of modern nature sciences. Here are some of them: Generalized Semi-infinite Optimization of Generic Networks, Optimal Control of Singular Perturbed Infinite Systems, Tolerances and Data Correcting Based Algorithms in Combinatorial Optimization, Attractors of Evolutional Equalizations without Only Decision, Problems of Theory of the Optimum Management Tasks Meanings, Quantum Mechanics, Synergetic Study of the Brain Dynamics, Geoinformation Systems, High Performance Computing.

Students and post-graduates were highly interested in all the lectures, asked their questions and had a possibility to discuss them either in formal or in informal atmosphere. Accept lectures and seminars two round table discussions were conducted: during one of them students, post-graduates and scientists had an opportunity to discuss their last works, achievements and ideas; the other one was dedicated to Physical Cybernetics – the topic of the book written by academician of the National Academy of Science of Ukraine I.Samoylenko. SSA NTUU "KPI" also organized interesting cultural program for all participants.

Importance of Summer School-Seminar was confirmed by the sponsorship and lectures of such world famous companies working with information technologies as Microsoft, Intel, Siemens, Cisco Systems, Novell.

"AACIMP-2006" was one of the first steps in complementary technical education of Ukraine. We are grateful to all participants of Summer School-Seminar "Achievements and Applications of Contemporary Informatics, Mathematics and Physics" and invite everyone who is interested in these topics to visit next Summer School that will be held in 2007.

Ekaterina Pereverzia, Students' Science Association of NTUU "KPI", 299 (15), 37, Peremohy avenue, 03056, Kyiv-56, Ukraine, E-mail: [summerschool.kpi@gmail.com](mailto:summerschool.kpi@gmail.com), <http://www.ssa.ntu-kpi.kiev.ua/ss>

Professor Aleksander Makarenko, Institute for Applied System Analysis at National Technical University of Ukraine (Kyiv Politechnik Institute) 37, Peremohy avenue, 03056, Kyiv-56, Ukraine, E-mail: [makalex@i.com.ua](mailto:makalex@i.com.ua)

## Information about Books

**Perspectives in Operations Research: Papers in Honor of Saul Gass' 80th Birthday**

**Editors: Frank B. Alt, Michael C. Fu, Bruce L. Golden**

Springer, 2006, New York, X, 432 p., 177 illus., Hardcover, ISBN-10: 0-387-39933-X  
ISBN-13: 978-0-387-39933-1

Forthcoming Publication: **Advances in Discrete Tomography and Its Applications**

**Editors: Gabor T. Herman and Attila Kuba**

Birkhäuser, January 2007, 416 pp., 125 ill., Hardcover, ISBN: 0-8176-3614-5

*Advances in Discrete Tomography and Its Applications* is a unified presentation of new methods, algorithms, and select applications that are the foundations of multidimensional image reconstruction by discrete tomographic methods. The self-contained chapters, written by leading mathematicians, engineers, and computer scientists, present cutting-edge research and results in the field. Three main areas are covered: foundations, algorithms, and practical applications. Following an introduction that reports the recent literature of

the field, the book explores various mathematical and computational problems of discrete tomography including new applications.

Topics and Features:

- introduction to discrete point X-rays
- uniqueness and additivity in discrete tomography
- network flow algorithms for discrete tomography
- convex programming and variational methods
- applications to electron microscopy, materials science, nondestructive testing, and diagnostic medicine

Professionals, researchers, practitioners, and students in mathematics, computer imaging, biomedical imaging, computer science, and image processing will find the book to be a useful guide and reference to state-of-the-art research, methods, and applications.

### **Global Optimization: Scientific and Engineering Case Studies**

**Editor: Pintér, János D.**

Springer, 2006, XXIV, 546 p., 141 illus., Hardcover, ISBN-10: 0-387-30408-8, ISBN-13: 978-0-387-30408-3

Optimization models based on a nonlinear systems description often possess multiple local optima. The objective of global optimization (GO) is to find the best possible solution of multiextremal problems. This volume illustrates the applicability of GO modeling techniques and solution strategies to real-world problems.

The contributed chapters cover a broad range of applications from agroecosystem management, assembly line design, bioinformatics, biophysics, black box systems optimization, cellular mobile network design, chemical process optimization, chemical product design, composite structure design, computational modeling of atomic and molecular structures, controller design for induction motors, electrical engineering design, feeding strategies in animal husbandry, the inverse position problem in kinematics, laser design, learning in neural nets, mechanical engineering design, numerical solution of equations, radiotherapy planning, robot design, and satellite data analysis. The solution strategies discussed encompass a range of practically viable methods, including both theoretically rigorous and heuristic approaches.

Written for: Researchers and practitioners in academia, research and consulting organizations, and industry.

Keywords: Global optimization, Models and methods, Real-world applications.

<http://www.springer.com/west/home/math?SGWID=4-10042-22-107949654-detailsPage=ppmmedia|aboutThisBook>

### **Global Optimization with Maple: An Introduction with Illustrative Examples**

**Pintér, János D.**

Pintér Consulting Services Inc., Halifax, NS, Canada and Maplesoft, a division of Waterloo Maple Inc., Waterloo, ON, Canada

This (approximately 160-page when printed) electronic book presents Maple as an advanced model development and optimization environment. A special emphasis is placed on solving multi-extremal models, using the Global Optimization Toolbox for Maple. Following a brief topical introduction, an extensive collection of detailed numerical examples and illustrative case studies is presented. The book is available in the form of a fully functional (interactive and readily modifiable), printable Maple worksheet, and/or as a set of hyper-linked Maple worksheets.

To solve the models presented in the book, the Global Optimization Toolbox is recommended, and it is used throughout the book. Readers may also like to experiment with built-in Maple optimization functionality, or perhaps with their own native Maple solvers.

Written for: Practitioners, researchers, academics and students in the quantitative sciences and engineering.

<http://www.pinterconsulting.com/b.html> and <http://www.maplesoft.com/products/thirdparty/GOT/index.aspx>.

## **Book Review**

A Book Review of M.A. Goberna is available at the EUROPT website of **J. Brinkhuis and V. Tikhomirov: Optimization: Insights and Applications**, *Princeton Series in Applied Mathematics*, Princeton University Press, Princeton-Oxford, 2005, 658 pp., sterling 51.95/hbk, ISBN 0-691-10287-0, ISBN 0-691-10287-2

The review was published in the Newsletter of the European Mathematical Society No. 61, September 2006, 41-42.



## Saul Gass: 80 Jahre

Am 28. Februar 2006 wird Saul I. Gass 80 Jahre alt. Congratulations, Saul! Happy Birthday!

Als ich in den späten 1950er und frühen 1960er Jahren studierte, gehörte sein Buch "Linear Programming: Methods and Applications" von 1958 zu den ganz wenigen damals verfügbaren LP-Lehrbüchern. Es ist in vier weiteren Auflagen erschienen (1964, 1969, 1975, 1985) und ins Japanische, Polnische, Russische, Spanische und Tschechische übersetzt worden. Er hat mit dem Buch Maßstäbe gesetzt. Die älteren GOR-Mitglieder werden mit dem Buch vertraut sein.

Saul Gass ist unverändert aktiv. Für sein neuestes Buch „An Annotated Timeline of Operations Research: An Informal History“ von 2004/05 (gemeinsam mit Arjang A. Assad) bereitet er gerade eine Neuauflage vor. Die etwa 600 nach Jahren geordneten Beiträge orientieren sich an einzelnen Ereignissen des Faches und heben die maßgebenden Personen hervor, viele mit Bild.

Zwischen diesen beiden Werken liegen rund 150 Aufsätze und einige weitere bedeutsame Bücher, darunter:

Gass: "A Guide to Models in Governmental Planning and Operations" (herausgegeben mit R. L. Sisson, 1975),

Gass (ed.): "Operations Research: Mathematics and Models" (1981),

Gass: "Decisions, Models and Algorithms: A First Course" (1985),

Gass: "An Illustrated Guide to Linear Programming" (1990), eine vergnügliche LP-Einführung.

Zusammen mit Carl Harris brachte er 1996 die umfassende „Encyclopedia of Operations Research and Management Science“ heraus, die 2001 in 2. Auflage erschien, ein bedeutendes Nachschlagewerk des OR/MS. Saul Gass ist einer der bedeutendsten akademischen Schüler von George B. Dantzig und hat dessen Verdienste häufig gewürdigt, u.a. in der Serie „IFORS' Operational Research Hall of Fame“ in der IFORS-Zeitschrift „International Transactions in Operational Research“ (Heft 2, 2003), sodann als Nachruf auf dessen Tod am 13. Mai 2005 „The Life and Times of the Father of Linear Programming“ (OR/MS Today, Heft 4/2005), schließlich auch in einem mündlichen Beitrag zu der Gedächtnis-Sitzung „George Bernard Dantzig: An Unfinished Biography“ auf der INFORMS-Tagung in San Francisco, November 2005.

Saul Gass hat in der amerikanischen und der internationalen OR-Szene zahlreiche Positionen eingenommen. Er war u.a. President der Operations Research Society of America (ORSA: 1976/77), President der Omega Rho International Honor Society (1986/88), Vice President für International Affairs des durch Fusion von ORSA und TIMS entstandenen Institute for Operations Research and Management Sciences (INFORMS: 1996/97), Vice President der International Federation of Operational Research Societies (IFORS: 1995/97) und Program Chairman der IFORS-Tagung in Portugal (1993).

Dass eine solche Vielfalt an persönlichem Einsatz Ehrungen nach sich zieht, überrascht nicht. Saul Gass erhielt z.B. die „George E. Kimball Medal“ (1991), den „Jacinto Steinhardt Memorial Award“ (1996) etc. und wurde 2002 in INFORMS zum „Fellow“ ernannt.

Der körperlich leichtgewichtige Saul Gass ist ein großer Jogger. Im Rahmen von zahlreichen OR-Tagungen hat er das „10 K Race“ organisiert (K = 1000), also einen 10.000-Meter-Lauf, der unter den sportlichen OR-Leuten immer großen Anklang fand.

In seinem Berufsweg schlug Saul Gass erst spät die akademische Karriere ein. Nach seinem Bachelor-Abschluss in „Education“ und seiner Master-Graduierung in „Mathematics“, beides 1949 an der Boston University, war er zunächst in verschiedenen Positionen der Air Force, der Industrie, der Beratung und (nebenberuflich) der universitären Ausbildung tätig. 1965 wurde er bei George B. Dantzig in Berkeley zum Ph.D. promoviert. Nach weiteren Jahren in Beratungsunternehmungen übernahm er 1975 einen Lehrstuhl an der University of Maryland, College Park, und blieb dort bis zu seiner Emeritierung. Als Emeritus nimmt er u.a. die Rolle eines „Fulbright Senior Spezialist“ wahr und hat im „Council for International Exchange of Scholars“ Aufgaben in der Betreuung von Austauschstudenten übernommen, eine mit zahlreichen Auslandsreisen verbundene Position: Im Dezember 2005 war er für einige Wochen in Japan.

Ich kenne Saul seit 1963 persönlich. Wir teilten damals das Arbeitszimmer im „Operations Research Center“ an der University of California in Berkeley, er als Doktorand von George B. Dantzig, ich als Post-Doc. Damals entstand unsere Freundschaft, die sich über die Jahrzehnte hinweg intensiviert hat.

Saul, my wishes to you and, of course, to Trudy include many more years of physical health, mental brightness, and spiritual happiness.

Heiner Müller-Merbach, Technische Universität Kaiserslautern



## Some words from the Newsletter Editor

Dear reader,

In this Newsletter, I have collected information that has become available since the first Newsletter of EUROPT was published. I wish to thank Gerhard-Wilhelm Weber for all his help and efforts devoted to this Newsletter.

I would like to remind you that your input is more than welcome. You are encouraged, for example, to send news, interviews, information on new books, reports of conferences, advertisements of new conferences etc. Please, contact me! I ask you to kindly write 'EUROPT Newsletter' as the subject of your email!

The next Newsletter will be published next year. So, it is time to thank you for collaboration this year and let us continue our work of fostering and advancing the success of continuous optimization also next year.

Kaisa Miettinen ([miettine at hse.fi](mailto:miettine@hse.fi))

P.S. Let me point out that a list of future conferences related to optimization, operations research and related topics can be found at <http://www.mit.jyu.fi/miettine/lista.html#Conferences>.

### **EUROPT NEWSLETTER**

**Editor-in-Chief:** Kaisa Miettinen

**Co-workers:** Gerhard-Wilhelm Weber and Basak Akteke Ozturk