



EUROPT

Newsletter 5 of EUROPT

The Continuous Optimization Working Group of EURO

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

May 2007

EUROPT - The Continuous Optimization Working Group of EURO

Words from the Chair

Dear Members of EUROPT, dear Friends,

In the previous weeks, many ones of us did careful preparations for attending and giving valuable presentations at scientific events which are organized or supported by us, by EUROPT. In fact, an impressive number of members and friends of our EURO working group are involved in the organization of streams, sessions and clusters even, in matters of social events, budgets or of special issues which are proceeding those events. Thanks for this to all of you who are involved here, and a cordial invitation to all of us to join us in future with any of your offers: your talents, your commitment, your visions.

There is an important news and continuous invitation:

The deadline of abstract submission for our **Joint EUROPT-OMS Conference** (<http://cio.umh.es/europt-oms/>) that will precede EURO XXII 2007 has been extended to **May 15!** We are preparing a very valuable "package" of excellent scientific life, social events, the call for papers to an OMS special issue and the appointment of our EUROPT Fellow 2007.

The friends organizing *Joint EUROPT-OMS Conference* would be very happy to welcome you in Prague, truly one of the most beautiful cities in the world: the old city, the Charles' bridge, the castle... the food, the hospitality ...!

By that event and by EURO XXII 2007 with its sensationally many papers submitted, and by further satellite events as well, EUROPT is a driving force for the present vividness, wealth and strong emergence of Operational Research in Europe and in the world. For INFORMS International Puerto Rico 2007 where EUROPT members serve excellently, too, a further contribution to this growth was given by us.

Please find closer information about EUROPT's activities of the year 2006 and its forthcoming ones in 2007, in the Annual Report of our EURO working group:

<http://www.iam.metu.edu.tr/EUROPT/Annual%20Report%20of%20EUROPT%202006-2007.pdf>.

As announced in our previous EUROPT e-Newsletter, in 2008 we are going to celebrate EURO Mini Conference "*Continuous Optimization and Knowledge-Based Technologies*" in Neringa, Lithuania. We have good news: *TOP*, the journal of the Spanish OR Society, accepted our application for a special issue on that subject as proceeding the EURO MC 2008! The guest editors will be our friends and EUROPT Managing Board Members *Prof. Dr. Mirjam Dür*, *Prof. Dr. Marco A. López-Cerda* and *Prof. Dr. Leonidas Sakalauskas*. Cordial thanks to the editors of *TOP* for their confidence and support, in particular, to Editor in Chief, our member and friend *Prof. Dr. Emilio Carrizosa*.

There will be an Invited Paper on a "top spot" topic in that special issue, prepared by one of our friends, an outstanding expert, and several comment papers on that paper. Our series of e-Newsletters will keep you well informed about this and about future special issue projects as well! Please do not forget our special issue of the journal *Optimization*, called "*Continuous Optimization in Finance*". Would you please spread the news about this among your colleagues (please visit

http://www.iam.metu.edu.tr/EUROPT/cfp_Optimization%20Special%20Issue%20-%20Continuous%20Optimization%20in%20Finance%20-%20IAM.pdf).

Now, I wish you pleasure and gain when reading this 5th Newsletter with all its precious news and announcements! Gratitude to our friend and newsletter editor *Prof. Dr. Kaisa Miettinen* for her care and devotion. Thank you very much, dear Kaisa!

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

ANNUAL REPORT 2006-2007

Annual report of the activities of EUROPT in 2006-2007 has been published and is available at <http://www.iam.metu.edu.tr/EUROPT/Annual Report of EUROPT 2006-2007.pdf>

EXTENDED DEADLINES: EUROPT-OMS Conference on Optimization, July 4-7, 2007, Prague, Czech Republic

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

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

Abstract submissions: May 15, 2007, Notification of acceptance: May 20, 2007

Early registration: May 31, 2007

Early payment on or before May 31, 2007: EUR 200 (EUR 100 for students)

Late payment on or after June 1, 2007: EUR 250 (EUR 125 for students)

The registration fee includes reception, working lunches, refreshments and conference materials.

This international conference is organized by the Working Group of EURO on Continuous Optimization (EUROPT) and the journal OMS in cooperation with EURO, SIAM, SIAG/OPT and INFORMS Optimization Society. Papers presented at the conference will be considered for peer-reviewed publication in a special issue of the journal Optimization Methods and Software (OMS).

INVITED SPEAKERS: Frederic Bonnans (France), Yury Evtushenko (Russia), Komei Fukuda (Switzerland), Dorit Hochbaum (USA), Tibor Illes (Hungary), Michal Kocvara (GB), Adrian Lewis (USA), Carlo Mannino (Italy), Alexander Martin (Germany), Florian Potra (USA), Liqun Qi (China), Philippe Toint (Belgium), Stefan Ulbrich (Germany), Stephen Wright (USA), Yinyu Ye (USA) and Ya-xiang Yuan (China).

CALL FOR PARTICIPATION: The Second International Conference on Continuous Optimization of the Mathematical Programming Society ICCOPT 07–MOPTA-07

August 12-16, 2007, McMaster University, Hamilton, Ontario, Canada

<http://iccopt-mopta.mcmaster.ca/>

ICCOPT is held every three years and is a forum for researchers interested in all aspects of continuous optimization. ICCOPT-II will be held together with MOPTA-07. The conference will be preceded by graduate-level tutorials on nonlinear programming, modeling languages, and applications. Information on the invited speakers, stream topics, etc. is now available on the conference WEB page: <http://iccopt-mopta.mcmaster.ca/>

INVITED TALKS: Distinguished researchers will give featured invited talks on topics of wide interest. Confirmed invited speakers include:

Plenary Speakers

[Larry Biegler](#), Carnegie Mellon University: [Optimization Methods for Process Design](#)

[Adrian Lewis](#), Cornell University: [Nonsmooth Optimization: Fundamentals and Applications](#)

Semi Plenary Speakers:

[Mihai Anitescu](#), Argonne National Laboratory: [Multi-physics Applications of Optimization](#)

[Phil Gill](#), University of California, San Diego: [Numerical Linear Algebra and Optimization](#)

[Jacek Gondzio](#), The University of Edinburgh: [Large Scale \(Huge\) Programming](#)

[Nick Gould](#), Oxford University and Rutherford Appleton Lab: [Nonlinear Programming Methods](#)

[Hubertus Th. Jongen](#), RWTH Aachen University: [Nonlinear Semi-Infinite Programming: Structural Analysis](#)

[Pablo Parrilo](#), MIT: [Polynomial Optimization](#)

[Andrew Philpott](#), University of Auckland: [Stochastic optimization in electricity pool markets](#)

[Nick Sahinidis](#), University of Illinois: [Optimization in Biology](#)

[Katya Scheinberg](#), IBM, Yorktown: [Derivative Free Methods](#)

[Melvyn Sim](#), National University of Singapore: [New robust optimization models for addressing stochastic optimization problems](#)

[Hiroshi Yamashita](#), Mathematical Systems, Inc., Tokyo: [Primal-dual methods for NLP and NLSDP](#)

[Yinyu Ye](#), Stanford University: [Further Developments of SDP for Sensor Network Localization](#)

CONTRIBUTED TALKS

Each accepted paper will be allotted a 25 minutes talk. Authors wishing to speak should submit an abstract via the conference WEB page <http://iccopt-mopta.mcmaster.ca/ocs/submission.php>

IMPORTANT DATES:

Summer school application deadline	28 May, 2007
Abstract submission deadline	14 May, 2007
Poster abstract submission deadline	28 May, 2007
Early registration deadline	28 May, 2007
Summer school for PhD students	11-12 August, 2007
ICCOPT II - MOPTA 07	12-16 August, 2007

On behalf of the Organizing Committee

Tamás Terlaky, terlaky@mcmaster.ca (Chair, McMaster University)

Henry Wolkowicz, hwolkowi@orion2.math.uwaterloo.ca (Chair program committee, U. Waterloo)

Please send enquiries to: Janet Delsey, delsey@mcmaster.ca

Havana 8th International Conference on Operations Research

To be developed from February 25 to February 29, 2008

Year of the 280th Anniversary of the Foundation of Universidad de La Habana

**Preliminary Announcement, Main Themes: Optimization, Probability and
Statistics, Mathematical Economics and Algorithms**

Registration and General Information

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Topics:

Optimization: Linear, nonlinear, discrete, parametric, stochastic and global optimization.

Probability and Statistics: Biostatistics, multivariate analysis, neural techniques for data mining, probability and stochastic processes, sampling, statistical inference, reliability.

Mathematical Economics: Financial modeling, games theory; mathematical models for economic problems; microeconomic theory, portfolio problem.

Numerical Analysis and Algorithms: Geometric computation, graph theory, meta-heuristics, neural networks, numerical linear algebra, numerical solution of differential and differential-algebraic equations.

Multicriteria Decision Making: Decision support systems; multi-objective optimization, preference modeling.

Systems and Control: Dynamical systems, optimal control; stability.

Management Sciences: Banking and financing, logistics (routing, scheduling, inventory), marketing,.

Scope: Although preferences have traditionally been in the listed main fields the organizers of the conference have found significant interest in promoting a broadened scope of preference handling with a series of multidisciplinary streams of sessions, for exchanging experiences between researchers facing similar questions, but coming from different fields. Therefore the scope of the conference is intentionally broad and addresses all aspects of understanding, modeling, computational handling, and applications on the listed topics.

In particular, we welcome original contributions to these areas and contributions that provide cross-fertilization between these topics and interesting applications.

Invited Lectures and Tutorials will be delivered by well known specialists.

Submission of Abstracts and papers

Those interested in presenting their results in the conference must submit an abstract in English of about 250 words, which will appear in the Abstract Booklet. An extended abstract of a maximum of 4 pages should be also sent for evaluating the contents of the contribution. Both documents must include: title, author names, institution and electronic mail of the speaker.

The papers should follow the following style: Title Black Arial 12", rest of the text Arial 10" in a version of Words Submitted papers will be reviewed by (double-blind) by two reviewers, non-blind, and participative peer review. These three kinds of review will support the selection process of those that will be accepted for their presentation at the conference.

Authors of the papers presented at the conference will be invited to adapt the contributions for their publication in the Journal Investigación Operacional with no additional cost.

Special Sessions

We invite those interested in organizing a session to propose it to the Chair of the Program or Organizing Committee.

Deadlines

November 30, 2007:	Registration and reception of Abstracts
January 3, 2007:	Information about the acceptance of the papers
June 30, 2008:	Full version of the paper for the Proceedings

Conference Fees

Foreign participants	120 CUC
Cuban participants	120 CP
Cuban Students	50 CP
Foreign Students	50 CUC

The fees, to be paid upon registration, include the Welcome Party and the Volume of Abstracts. Students shall prove their condition upon arrival. Members of the Sociedad Cubana de Matemática y Computación, will pay a reduced rate.

Accommodation: Travel Agencies can organize your trip to Havana for a stay for 8 days/7 nights. Additional information can be obtained from the organizers.



19th International Conference on Multiple Criteria Decision Making

MCDM for Sustainable Energy and Transportation Systems

7-12 January 2008, Auckland, New Zealand

<http://www.esc.auckland.ac.nz/mcdm2008>

Conference email address mcdm2008@auckland.ac.nz

Call for Papers: In the 21st century the world has entered an age of exponentially increasing demand for energy and transportation services in a globalised economy. Climate change and other environmental impacts of human economic activity necessitate the consideration of conflicting goals in decision making processes to develop sustainable systems. The science of multiple criteria decision making has a lot to offer in addressing this need. The International Society on Multiple Criteria Decision Making organises its 19th International Conference under the theme MCDM for Sustainable Energy and Transportation Systems. Abstracts are now called for and should be submitted by email to mcdm2008@esc.auckland.ac.nz. All areas of MCDM are welcome and papers related to the theme of the conference are especially encouraged.

- Multiple Criteria Decision Aiding
- Multiple Criteria Classification, Ranking, and Sorting

- Multiple Objective Continuous and Combinatorial Optimisation
- Multiple Objective Metaheuristics
- Multiple Criteria Decision Making and Preference Modelling
- Fuzzy Multiple Criteria Decision Making

(Extended) abstracts should be up to two A4 pages in 12pt font or similar. Abstracts must contain the name and affiliation of all authors, plus the email address of the corresponding author for notification of acceptance. Abstracts can be submitted in plain text, Latex, or Word formats, but postscript and pdf files are not acceptable. In order to be included in the conference programme at least one author must have registered and paid the appropriate fee.

More Conferences

The **8th Balkan Conference on Operational Research**, 14-17 September, 2007, Belgrade-Zlatibor, Serbia
<http://balcor.fon.bg.ac.yu>

The **XXXIV Yugoslav Symposium on Operations Research**, 16-19 September, 2007, Zlatibor, Serbia

For further information, please, contact, Prof. Vera Kovacevic-Vujcic, verakov@fon.bg.ac.yu,
 Faculty of Organizational Sciences, University of Belgrade

Alex Rubinov Memorial Session at the INFORMS International Meeting

Dr. Janos D. Pinter will organize a memorial session at the forthcoming INFORMS International Meeting <http://www.informs.org/Conf/PuertoRico07> devoted to Prof. Alex Rubinov's memory. Dr. Pinter would like to hear of Alex Rubinov's professional achievements and awards; a few photos and personal memories would also be very welcome.

If you wish to contribute by giving a talk or if you have information to present, then please contact Janos D. Pinter, jdpinter@hfx.eastlink.ca, cc. to Adil Bagirov, a.bagirov@ballarat.edu.au, Alex Kruger, a.kruger@ballarat.edu.au, and Robin Lougee-Heimer, robinlh@us.ibm.com.

CALL FOR PAPERS: International Conference on Modelling, Identification and Control, <http://icmic.sjtu.edu.cn> June 29 - July 2, 2008 Shanghai, China

The 2008 International Conference on Modelling, Identification and Control (ICMIC 2008) is sponsored by International Journal of Modelling, Identification and Control (IJMIC). It provides an international forum for professionals, academics, and researchers to present latest developments from interdisciplinary theoretical studies, computational algorithm development and applications. It particularly welcomes those emerging methodologies and techniques that bridge theoretical studies and applications in all engineering and science branches. Novel quantitative social, economical/financial studies may be considered as well. The 2008 ICMIC is organized by Shanghai Jiao Tong University and will be held in Shanghai, 'the Oriental pearl' of China. Papers are solicited on all aspects of research, development, and application of modelling, identification and control, including but not limited to:

- ❖ Static and dynamic systems modelling
- ❖ Novel and unconventional linear system modelling techniques

- ❖ Nonlinear and linear system identification
- ❖ Model calibration and validation
- ❖ Control and optimization techniques
- ❖ Neural networks, fuzzy logic, and other heuristic techniques
- ❖ Robotics
- ❖ Software development, benchmarking tests, and applications
- ❖ Applications of MIC in economics, finance, and social studies
- ❖ Wide range representative application examples

Submissions & Publication

Papers should describe original and unpublished work about the above or related topics. All manuscripts will be reviewed by three members of the ICMIC program committee. Instructions for preparation and electronic submission will be available shortly on ICMIC2008 website.

Selected papers will be published as two or three special issues in IJMIC (**SCI from 2008**) (<http://www.inderscience.com/ijmic>) and as chapters in a series of books of modelling, identification, and control for generic applications (<https://www.novapublishers.com>).



Important Deadlines

Deadline for submission: January 10, 2008
 Notification of acceptance: April 10, 2008
 Submission of camera-ready copy: April 30, 2008

Contact Address

ICMIC Conference Secretariat
 Department of Automation, Shanghai Jiao Tong University
 Dongchuan Road 800, 200240, Shanghai, China
 Tel: +86-21-34204581 Fax: +86-21-34204022
 E-mail: icmic@sjtu.edu.cn Website: <http://icmic.sjtu.edu.cn>



Invitation: Graduate Programs in IE/OPIS, Koc University, Istanbul, Turkey

Applications are invited for the M.Sc. program and the PhD program that are run by two departments jointly, the Industrial Engineering department of the Engineering College, and the Operations and Information Systems Group of the Business School at Koc University, Istanbul, Turkey. Both programs are research oriented programs and cover diverse areas of research, including supply chain management, production systems, logistics, service operations, optimization, stochastic processes, financial engineering, data mining and bioinformatics.

The deadline for applications for the 2007-2008 academic year is **August 15, 2007**. Early applications are strongly encouraged. Tuition waivers and scholarships are available for qualified students.

More information about the program, faculty members and their research as well as the application procedure is available at <http://ieom.ku.edu.tr>

Interested students may contact Prof. Serpil Sayin, ssayin@ku.edu.tr

European Journal of Operational Research (EJOR)

Special Issue *Continuous Optimization in the Industry*

Special issue devoted to the 17th EURO Mini Conference “Continuous Optimization in the Industry”, Pécs, Hungary, June 29 – July 1, 2005 will be published in EJOR.

Guest Editors: Prof. Dr. Tibor Illés (Eötvös Loránd University of Sciences, Budapest, Hungary; illes@cs.elte.hu), Prof. Dr. Marco A. Lopez (University of Alicante, Spain; marco.antonio@ua.es), Prof. Dr. Tamás Terlaky (McMaster University, Hamilton, Canada; terlaky@mcmaster.ca), Prof. Dr. József Vörös (University of Pécs, Pécs, Hungary; voros@ktk.pte.hu) and Prof. Dr. Gerhard-Wilhelm Weber (METU, Ankara, Turkey; gweber@metu.edu.tr).

Editorial: One of the most important concerns of our societies is the ensuring and continuous improvement of living standard which is impossible without fast development in all aspects of life, technology and science. Nowadays, optimization is an enabling technology in innovation. The 17th EURO Mini Conference “Continuous Optimization in the Industry” brought together practitioners of operations research from industry and economic practice with academic researchers, software developers and those operations researchers who are doing consultancy for companies. The conference focussed on recent revolutionary advances in the area of large scale continuous optimization and their applications in industry. High performance commercial and academic optimization software were reviewed as well. Industry participants and leading experts of continuous optimization discussed the state of the art of research, how new academic software tools that has the potential of commercialization in the near future, the challenges industry faces and the need of industry when optimization problems are used for new product design and process optimization. Moreover, the relatively low registration fee allowed the participation of a considerable number of Ph.D. students both from the new and forthcoming EU countries, as well as from the old EU countries.

The workshop covered a broad range of continuous optimization topics, such as linear and nonlinear optimization, theory and applications; semidefinite and semi-infinite optimization; global and stochastic optimization; linear and nonlinear complementarity problems; constrained and unconstrained optimization; interior point techniques for linear and nonlinear optimization; nonsmooth optimization, derivative-free methods; generalized convexity/monotonicity and its applications.

The special issue includes ten papers. The paper by de Klerk, den Hertog, Elabwabi: „On the Complexity of Optimization Over the Standard Simplex” presents the latest complexity results on an NP-hard problem by using semidefinite relaxations. Castillo, Kampas and Pintér: „Solving Circle Packing Problems by Global Optimization: Numerical Results and Industrial Applications” presents global optimization methodology for a classic problem that has an ever growing number of applications in industry, some of those are covered by the paper as well. Hendrix, Casado, and Garcia, in their paper „The Semi-continuous Quadratic Mixture Design Problem” apply global optimization methodology to solve a difficult design problem.

Robust optimization is a hot, extremely active research area. Stinstra and den Hertog’s paper: „Robust Optimization Using Experiments” contributes to this area by addressing an industrial application of the novel robust optimization methodology. Semi-infinite programming has a vast literature including deep theoretical studies and numerous industrial, engineering applications. The paper of Winterfeld: „Application of General Semi-Infinite Programming to Lapidary Cutting Problems” is a nice example where deep theory enables the solution of challenging industrial optimization problems.

Ugur, Karasözen, Schafer, Yapici, in their paper „Derivative Free Optimization Methods for Optimizing Stirrer Configurations” is using the recently designed quadratic interpolation based methodology to solve mechanical engineering problems that result in better designs. Financial engineering powered by novel continuous and stochastic optimization methodology and high performance computing systems enable companies to develop better investment, portfolio selection strategies. Such methods are the subject of the paper by Shen and Zhang: „Robust Portfolio Selection Based on a Multi-stage Scenario Tree”. Fábrián’s paper: Handling CVaR Objectives and Constraints in Two-stage Stochastic Models” is another paper that represents the latest achievements in the area of financial engineering.

The 17th EURO Mini Conference “Continuous Optimization in the Industry” was organized by EUROPT, The Continuous Optimization Working group of EURO in close collaboration with the Operations Research Society of Hungary. The organizers are grateful for the generous support of EURO, the Operations Research Society of Hungary, the German Operations Research Society and the University of Pécs. Without their support the conference, and thus this special issue could not have happened.

New Book: Equilibrium Models and Variational Inequalities **Igor Konnov (Kazan University)**

http://www.elsevier.com/wps/find/bookdescription.cws_home/710630/description#description

Elsevier B.V., ISBN 0-444-53030-4, 248 pp., 2007.

The concept of equilibrium plays a central role in various applied sciences, such as physics (especially, mechanics), economics, engineering, transportation, sociology, chemistry, biology and other fields. If one can formulate the equilibrium problem in the form of a mathematical model, solutions of the corresponding problem can be used for forecasting the future behavior of very complex systems and, also, for correcting the current state of the system under control. It is very essential to note that the concept of equilibrium is not restricted by the static problems only, hence, one can consider the equilibrium trajectories which correspond to dynamic equilibria. This book can be regarded as an attempt to present a unifying look on different equilibrium concepts in economics, which is based on the variational inequality approach. In order to illustrate this approach, we include several models from related sciences. The emphasis is made on revealing generic properties in different models. The book describes also the present state of investigations in this field.

The first part is devoted to known classes of models which illustrate the diversity of concepts of equilibrium in complex systems. It includes, in particular, static and dynamic input-output models, Walras, Cassel-Wald, spatial price, and oligopolistic equilibrium models, moreover, transportation and migration equilibrium models. In the second part, we consider the basics of theory and solution methods for one of the most popular formulation of equilibrium known as the complementarity problem. This includes existence and uniqueness of solutions, stability of equilibria, existence of natural mechanisms for attaining equilibrium states, and creating effective algorithms for finding equilibrium solutions under order monotonicity assumptions. In the third part, we consider similar issues in the theory and solution methods for variational inequality problems under general monotonicity assumptions and discuss their applications to the above models. The exposition is rather elementary and destined for students, lecturers and specialists both in Economics and in Applied Mathematics. Many exercises are included. The book is based on author's courses given in several universities mainly in Italy, Finland, and Russia.

Report: Fifth Ballarat Workshop on Global and Nonsmooth Optimization: Theory, Methods and Applications

This Workshop was held at the University of Ballarat on 28-30 November 2006, and was dedicated to the memory of the late Professor Alexander Rubinov. Professor Rubinov and Professor Barney Glover were the founding organisers of the first Ballarat Workshop on Optimization in 1994. Professor Rubinov organised the four subsequent workshops, and 2006 was the first without Alex. The Workshop was officially opened by Professor David Battersby, Vice-Chancellor, University of Ballarat.

The aim of the Workshop was to bring together experts from Australia, the Pacific region and around world in the areas of optimization theory, methods and applications to meet and exchange their recent research findings and to discuss possible joint projects. Presentation topics included all areas of optimization, optimal control and their applications, however the emphasis of this workshop was on theory, numerical methods and applications of global and non-smooth optimization. The workshop also incorporated a one-day event titled "Focussed Meeting on Global and Nonsmooth Optimisation Problems in Data Analysis and Engineering".

Keynote speakers were Professor Terry Rockafellar, University of Washington, USA, for the Workshop, and Professor Bulent Karasozen, Middle East Technical University, Turkey for the Focussed Meeting.

Workshop Invited Speakers were: Adil Bagirov (University of Ballarat), Gleb Beliakov (Deakin University), Leonid Churilov (Monash University), Bruce Craven (University of Melbourne), Regina Burachik (University of South Australia), Andrew Eberhard (RMIT), Jerzy Filar (University of South Australia), Masao Fukushima (Kyoto University, Japan), Vladimir Gaitsgory (University of South Australia), Phil Howlett (University of South Australia), Yalcin Kaya (University of South Australia), Alexander Kruger (University of Ballarat), Musa Mammadov (University of Ballarat), Juan Enrique Martinez Legaz (University Autonoma, Barcelona, Spain), Angelia Nedich (University of Illinois at Urbana-Champaign, USA), Iradj Ouveysi (University of Ballarat), Asuman Ozdaglar (MIT, USA), Jiri Outrata (CAS, Czech Republic), Marimuthu Palaniswami (University of

Melbourne), Diethard Pallaschke (Karlsruhe University, Germany), Xiaoling Sun (Shanghai University, China), Peter Taylor (University of Melbourne), Gerhard-Wilhelm Weber (Middle East Technical University, Ankara, Turkey), Zhiyou Wu (University of Ballarat), Xiaoqi Yang (Hong Kong Polytechnic University, China), David Yost (University of Ballarat), Alberto Zaffaroni (University of Lecce, Italy) and Liansheng Zhang (Shanghai University, China). There were more than sixty participants from twelve different countries.

The Workshop was sponsored were IBM, the Australian Mathematical Sciences Institute (AMSI), and the Australian Research Council's Research Network on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP).



Announcement: Collaboration

The Operations Research Societies of Turkey (*ORST*) and Germany (*GOR*) have signed an *Agreement about Collaboration*. A report of this, written by Gerhard-Wilhelm Weber, is available at <http://www.iam.metu.edu.tr/EUROPT/OnGOR-forORST.pdf>

Some words from the Newsletter Editor

Dear reader,

Warmest thanks to those of you who have sent me material for this newsletter, in particular Gerhard-Wilhelm Weber. Material for the next newsletter is most welcome; please, send me email with 'EUROPT Newsletter' as the subject! Let me remind you that I have collected links related to conferences in operations research and optimization at <http://www.mit.jyu.fi/miettine/lista.html#Conferences>.

Remember that EUROPT welcomes new members. Becoming a member is easy: fill the form at http://anadolu.lib.metu.edu.tr/EUROPT/h_newuser.php (note that EUROPT has no membership fees!).

With best wishes, Kaisa Miettinen ([miettine at hse.fi](mailto:miettine@hse.fi))

EUROPT NEWSLETTER

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