CaLL for papers

The 25th Conference of the **E**uropean **C**hapter on **C**ombinatorial **O**ptimization

April 26-28, 2012 @ Antalya, Turkey



www.eccoxxv.org

ECCO (European Chapter on Combinatorial Optimization) is a working group of **EURO** (Association of European Operational Research Societies) that provides an excellent opportunity to discuss recent and important issues in Combinatorial Optimization and its applications with European combinatorialists by organizing annual conference meetings.

For more information on **ECCO**: http://ecco.grenoble-inp.fr

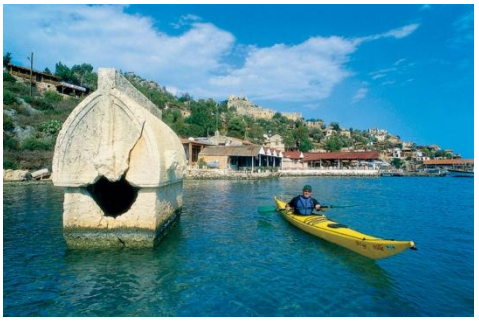
For more information on **EURO** and the upcoming events: http://www.euro-online.org

- The next **ECCO** meeting will take place in beautiful ***Antalya,*** *Riviera of Turkey*, Turkey on April 26 – 28, 2012. The venue will be **IC Green Palace** Hotel.

Destination Antalya, where history meets nature, is full of artifacts from Greek, Lydian, Persian, Roman, and Ottoman eras. Antalya is located on the Mediterranean coast of Turkey surrounded by Taurus Mountains. Antalya is calling you with its palm-lined boulevards; prize







winning marina; picturesque old quarter *Kaleiçi*, the restored historical center of the city that won the Golden Apple Tourism Prize; signature cuisine; and lots of sunny beaches.

Objectives: Our objectives of this conference are

- exchanging results and experiences in solving real-world combinatorial optimization problems,
- reporting on development and implementation of appropriate models and efficient solution methods for combinatorial optimization problems,
- establishing networking contacts between individuals and research groups working on related topics,
- promoting the work on combinatorial optimization (theory and applications) to the broader scientific community,
- identifying challenging research problems for the field, as well as promising research outlets (both in theory and applications),
- promoting interactions with researchers in other related fields.

Topics of interest: Topics of interest include but are not limited to

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

Plenary Speakers:

Bernard RIES, LAMSADE - Université Paris-Dauphine

Miguel F. ANJOS, École Polytechnique de Montréal

Pascal2 Invited Speaker:

John SHAWE-TAYLOR, University College London

Invited Streams and Organizers:

Combinatorial and Hybrid Regulatory Systems – Game Theory	(G.-W. Weber , S. Z. Alparslan Gök, E. Kropat)
Combinatorial Optimization in Computational Biology, Bioinformatics and Medicine	(J. Blazewicz, M. Szachniuk)
Combinatorial Optimization in Data Mining	(C. Iyigün)
Combinatorial Optimization in Supply Chain Management	(M. Turkay)
Combinatorial Optimization in Financial Sector	(G.-W. Weber , K. Yildirak)
Combinatorial Optimization in Ergonomics	(S. U. Seckiner)
Constraint Programming and Combinatorial Optimization	(A. Ornek, B. Hnich, C. Ozturk)

Emerging Applications of Combinatorial Optimization	(C. Oguz, D.T. Eliiyi)
Integer and Combinatorial Optimization	(X. Sun, M. Guignard-Spielberg)
Material Flows in Production Networks	(S. Göttlich)
Metaheuristic Algorithms	(S.H. Taheri)
Multiple Criteria Decision Making and Combinatorial Optimization	(K. Miettinen)
PASCAL 2 Stream – Machine Learning and Combinatorial Optimization	(J. Zerovnik)
Recent Advances in Scheduling	(E. Pesch)
Spectral Graph Theory Techniques and Applications in Combinatorial Optimization	(D. Cardoso)

Important Dates:

Submission for abstracts starts:	**August** 30, 2011
Deadline for abstract submission:	**February** 1, 2012
Notification of acceptance:	**February** 10, 2012
Deadline for early registration:	**March** 10, 2012
Deadline for author registration (for inclusion in the program):	**March** 20, 2012
Conference:	**April** 26 – 28, 2012

Registration:

Participants should register to the conference using the registration system of ARBER Professional Tourism and Congress Services. You can also make your conference venue hotel and tour reservations on this system:

https://www.arber.com.tr/eccoxxv.org/index.php/home

Registration fee: €200 before early registration deadline and €250 afterwards,

***Student fee*:** €100 before early registration deadline and €150 afterwards

***Accompanying Person fee*:** €100

Publication Opportunity:

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

Submission deadline of full papers is **March 31, 2013**.

Program Committee:

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Domingos Moreira CARDOSO, University of Aveiro, Portugal

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Organized in cooperation with >>>

European Chapter on Combinatorial Optimization

Industrial Systems Engineering
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