

**WORKSHOP ON GLOBAL OPTIMIZATION**  
**JULY 11-12, 2011**  
**Organized by**  
**Department of Mathematics**  
**Izmir University of Economics**

**1.Gün/1<sup>st</sup> Day:** 11 Temmuz Pazartesi/July 11, 2011

09.00-09.15 Açılış Konuşması/Opening Speech:

Konuşmacı: **Dr. İsmihan Bayramoğlu (Izmir University of Economics)**

09.15-10.15

Konuşmacı/Speaker: **Dr. Shu-Cherng Fang (NC State University, USA)**

Title: *Progress on Nonconvex Quadratic Optimization*

10.15-10.30 Coffee Break (Cookies, coffee and tea will be served)

10.30-11.30

Konuşmacı/Speaker: **Dr. Emre Alper Yıldırım (Koç University)**

Title: *On Tractable Approximations of Copositive Optimization: Theory and Practice*

11.30-11.45 Coffee Break (Coffee and tea will be served)

11.45-12.45:

Konuşmacı/Speaker: **Dr. David Gao (Virginia Tech University, USA)**

Title: *On the objectivity, canonical duality and triality in global optimization*

12.45-14.15 Öğle Yemeği/Lunch

14.15-15.15

Konuşmacı/Speaker: **Dr. Kok Lay Teo (Curtin University, Australia)**

Title: *Optimal Control-Practical Motivation and Problem Formulations*

15.15-15.45: Coffee Break and open questions for graduate and undergraduate students  
(Sponsored by Izmir University of Economics)

15.45-16.45

Konuşmacı/Speaker: **Dr. Refail Kasımbeyli (Izmir University of Economics)**

Title: *A Nonlinear Cone Separation Theorem and Applications in Nonconvex Optimization*

16.45-17.45

Konuřmacı/Speaker: **Dr. Murat Adıvar (Izmir University of Economics)**

*Title: Convex Optimization on Time Scales*

**2.Gün/2<sup>nd</sup> Day:** 12 Temmuz Salı/July 12, 2011

09.30-10.30

Konuřmacı/Speaker: **Dr. Ruey Lin Sheu (National Cheng-Kung Univ., Taiwan)**

*Title: On Local Minimizers and Maximizers of the Double Well Potential Problem*

10.30-10.45 Coffee Break (Cookies, coffee and tea will be served)

10.45-11.45

Konuřmacı/Speaker: **Dr. Song Wang (The University of Western Australia)**

*Title: On Numerical Solution of Free Boundary Problems Arising From Option Valuation*

11.45-12.45

Konuřmacı/Speaker: **Dr. ř. İlker Birbil (Sabancı University)**

*Title: An Agent-Based Environment for Solving Global Optimization Problems Cooperatively*

12.45-14.00: Öęle Yemeęi/Lunch

14.00-15.30: İzmirdeki Üniversitelerde yer alan lisansüstü öğrencilerle görüşme-  
Panel/Meeting with graduate students from Izmir Universities. (Coffee and tea will be served during the meeting) (Sponsored by Izmir University of Economics)