

Venue:

Hotel Park

Novosadskog sajma str. 35, 21000 Novi Sad, Serbia

Phone: + 381 21 48 88 888, Fax: +381 21 48 888 885

<http://www.hotelparkns.com>

e-mail: info@hotelparkns.com

Organized by:

Mechanical Engineering Faculty University of Niš

Faculty of Technical Sciences University of Novi Sad

Mechanical Engineering Faculty University of Belgrade

Mechanical Engineering Faculty University of Kragujevac

Support of:

Ministry of Science and Technological Development Republic of Serbia



Information:

E-mail: office@ecos2011.com

Phone: +381 18 500 638

Fax: +381 18 500 638

www.ecos2011.com

ECOS 2011

Novi Sad, Serbia

July 4-7, 2011



**24th International Conference
on Efficiency, Cost, Optimization, Simulation
and Environmental Impact of Energy Systems**

Conference Chairs

Milorad Bojić
Noam Lior
Jovan Petrović

Gordana Stefanović (Coordinator)
Vladimir Stevanović

Advisory Committee

Ozer Arnas (USA)
Silvia Azucena Nebra (Brazil)
Daniel Favrat (Switzerland)
Christos A. Frangopoulos (Greece)
Signe Kjelstrup (Norway)
Zygmunt Kolenda (Poland)

Henrik Lund (Denmark)
Alberto Mirandola (Italy)
Michael Moran (USA)
Ricardo Rivero (Mexico)
Enrico Sciubba (Italy)
George Tsatsaronis (Germany)

Conference Topics

Focal themes

Central theme:

International and regional cooperation for sustainable development of energy systems: Needs, methodologies, technologies, accomplishments, plans, and potential. An important area of emphasis would be the rapidly developing region of South-Eastern Europe.

Every effort would be made to encourage scientific, business, and personal connections between the South-East European energy community and its overall international complement.

Energy resource foci:

Biomass within broad coverage of renewable energies.

Coal within broad coverage of fossil and nuclear power generation.

Detailed Conference Topics

Development and Application of Methods in:

Basic and Applied Thermodynamics
Simulation, Improvement and Optimization of ES
Sustainability of Energy Systems
Energy Conservation
Energy Efficiency and Climate Changes
Process Design, Analysis and Integration of
Thermal and Chemical Systems
Energy Planning
Renewable Energy Conversion, Use and
Integration

Diagnostics and Control of Thermal Systems
Zero-emission Technologies and Strategies
Life Cycle Assessment and Environmental Impact of
Nuclear Power
Energy and Water Interactions
Electricity Generation and Transmission; the Smart Grid
Recycling
Manufacturing
Mining and Drilling
Transport Energy and Emissions
Social Impacts of Energy Systems

ECOS 2011: International Smart Energy Networks of Cooperation for Sustainable Development

Relevant Physical Systems

Clean Coal Technologies	Industrial Process Plants
Conventional and Advanced Power Plants	Hydrogen and Natural Gas Technologies
Hydropower Plants	Energy and Buildings
Biomass Conversion Systems	Energy Storage
Internal Combustion Engines	Carbon Capture and Storage
Turbines	Solar Integrated System
Cogeneration and District Heating	Agriculture
New Technologies in Heat Pumps,	Water Desalination and Treatment
Refrigeration and Air Conditioning	Decentralized Energy Systems
Fuel Cells and Integrated Systems	Integrated Smart Energy Networks
Renewable Energy Systems	

Registration Fees

	By May 16, 2011	After May 16, 2011	On site
Professional	€ 450,00	€ 500,00	€ 550,00
Student	€ 200,00	€ 250,00	€ 280,00
Accompanying persons	€ 200,00	€ 220,00	€ 250,00

Deadlines

December 3, 2010	Submission of abstracts
December 24, 2010	Acceptance of abstracts
February 25, 2011	Submission of full-length papers for review
April 15, 2011	Reviews returned to authors
May 16, 2011	Submission of final papers
May 16, 2011	Early registration fee