

# PSM 2007 Programme

	Tuesday 05.Jun.07	Wednesday 06.Jun.07	Thursday 07.Jun.07	Friday 08.Jun.07
09:00		Tommas HARTMANN	Niko A. ILIADIS	Yves SMEERS
09:30		Panos PARDALOS	Klaus VOGSTAD	Alexander MEERAUS
10:00		Guillaume DEREU	Martin WENZEL	Mario V.F. PEREIRA
10:30		Coffee Break	Coffee Break	Coffee Break
11:00		Alkis VAZACOPOULOS	Werner ROEMISCH	Klaus VOGSTAD
11:30		George MAVROTAS	Laetitia ANDRIEU	Terje GJENGEDAL
12:00		Vangelis DIALYNAS	Alkis VAZACOPOULOS	Theodore TRAFALIS
12:30		Sergio GRANVILLE	Ronald HOCHREITER	Anders GJELSVIK
13:00		Lunch	Lunch	Lunch
13:30				
14:00		John KABOURIS	Stein Eirik FLETEN	Nicolas LALUQUE
14:30		Leonidas.G. DAOUTIS	Tom HULLIBURTON	Alexander MALYSCHIEFF
15:00		Mete BJØRNDAL	Niko A. ILIADIS	Julian BARQUIN
15:30		Coffee Break	Fridthjof OLLMAR	Coffee Break
16:00		Luiz-Augusto BARROSO	Coffee Break	Konstantinos STAMPOLIS
16:30		Michael BELSNES	Mario V.F. PEREIRA	Luiz-Augusto BARROSO
17:00		Tasos BAKIRTZIS	Richard LAUNDY	Closing
17:30		Athens Tour & Dinner	Olaf SYBEN	
18:00	Opening Ceremony		Robert FOURER	
18:30			Vasilis NIKOLOPOULOS	
19:00	Coktail			
19:30				
20:00			Gala Night	
20:30				
21:00				
21:30				
22:00				

Operation I
Operation II
Transmission
Stochastic Programming
Risk
Computing Technologies
Market Regulation
Energy Auctions
Forecasting
Expansion

## PSM 2007 Articles' Titles

Session	Name	Company	Title
1 <b>Computing Technologies in Energy systems</b> Chairman: Prof. Mario V.F. PEREIRA	Mario V.F. PEREIRA	PSR - BR	Parallel)
	Richard LAUNDY	Dash Optimization - UK	Solving hard MIP problems using Xpress
	Olaf SYBEN	ProCom - DE	Current and future challenges for production planning tools
	Robert FOURER	Ziena - USA	Power Industry Applications of KNITRO, a Solver for Large-Scale Optimization Problems
	Vasilis NIKOLOPOULOS	National Technical University of Athens - GR	Web-based energy information system for optimal bi-directional behavioural control of various energy customers using ADSL hypercubic clustering and internet services (emir system)
2 <b>Energy Auctions</b> Chairman: Prof. Mete BJØRNDAL	Mete BJØRNDAL	Norwegian School of Economics - NO	Market Power in a Power Market with Transmission Constraints
	Luiz-Augusto BARROSO	PSR - BR	A MILP Approach for Strategic Bidding in Electricity Markets
	Michael BELSNES	Sintef - NO	Simulating equilibrium prices in oligopoly power markets
	Tasos BAKIRTZIS	Aristotle University of Thessaloniki - GR	Producer offering strategies in competitive electricity markets
3 <b>Expansion planning</b> Chairman: Prof. Yves SMEERS	Yves SMEERS	University of Louvain - BE	Equilibrium real option models for assessing the impact of uncertainty and cost increases on investment in generation capacities
	Alexander MEERAUS	GAMS - USA	Project and Policy Analysis for Municipal Energy Systems
	Mario V.F. PEREIRA	PSR - BR	Long term Generation Units Expansion Planning (Opt Gen)
	Klaus VOGSTAD	Agder Energi - NO	Wind power project development under uncertainty
4 <b>Forecasting in Energy</b> Chairman: Prof. Terje GJENGEDAL	Terje GJENGEDAL	National Technical Norwegian University - NO	The value of forecasting in wind power
	Theodore TRAFALIS	University of Oklahoma - USA	Kernel Methods and Weather Prediction
	Anders GJELSVIK	Sintef - NO	On inflow modelling in stochastic dynamic programming in hydropower scheduling
	Nicolas LALUQUE	EDF R&D - FR	A generalized additive model for mid-term French load forecasting and introduction of wind speed
	Alexander MALYSCHIEFF	University of Oklahoma - USA	Support Vector Machine Regression in the Energy Forward Markets
5 <b>Market Regulation</b> Chairman: Prof. Julian BARQUIN	Julian BARQUIN	IIT - Comillas - ES	Modelling market power: the Spanish white paper approach
	Konstantinos STAMPOLIS	Northeastern Institute of Energy - GR	Regulation in the Greek market
	Luiz-Augusto BARROSO	PSR - BR	Simulating contract auctions for supply adequacy in power markets
6 <b>Operation planning – Conventional</b> Chairman: Dr. Thomas HARTMANN	Thomas HARTMANN	IAEW - university of Aachen - DE	Stochastic Optimization of hydrothermal Generation Portfolios at Markets for Electrical Energy and Reserve
	Panos PARDALOS	University of Florida - USA	Risk Analysis and Optimization Issues in Nuclear Energy
	Guillaume DEREU	EDF R&D - FR	Latest improvements of EDF mid-term power generation management
	Alkis VAZACOPOULOS	Dash Optimization - USA	Modelling using mosel for Energy applications
	George MAVROTAS	National Technical University of Athens - GR	A mathematical programming approach in energy planning for Services' sector buildings under uncertainty in load demand
7 <b>Operation planning – New Technologies</b> Chairman: Prof. Mario V.F. PEREIRA	Niko A. ILIADIS	PSR - BR	Short Term Hydro Thermal Optimisation (NCP)
	Klaus VOGSTAD	Agder Energi - NO	Complementariness of wind and hydro in hydrothermal power markets
	Martin WENZEL	Siemens - DE	Mid-term optimization of large-scale hydrothermal generation systems in practice

## PSM 2007 Articles' Titles

8	<b>Risk management</b> Chairman: Prof. Stein-Eirik FLETEN	Stein-Eirik FLETEN	National Technical Norwegian University - NO	Stochastic programming for optimizing bidding strategies of a Nordic hydropower producer
		Tom HULLIBURTON	Energy Modelling Consultants Ltd. - NZ	Market Simulation with Stochastic Hydro Thermal Power System
		Niko A. ILIADIS	PSR - BR	Benchmarking of hydroelectric stochastic risk management models using financial indicators
		Fridthjof OLLMAR	Agder Energi - NO	Risk management of hydropower producers: a system dynamics analysis
9	<b>Stochastic Programming in Energy</b> Chairman: Prof. Werner ROEMSICH	Werner ROEMISCH	University of Berlin - DE	Recent progress in stochastic programming and applications in energy
		Laetitia ANDRIEU	EDF R&D - FR	Stochastic optimization under risk constraints: application to hedging problem in electrical industry Chance constraints
		Alkis VAZACOPOULOS	Dash Optimization - USA	Building solutions for two-stage and multistage stochastic linear programmes for energy optimisation problems
		Ronald HOCHREITER	University of Vienna - AT	Multi-stage stochastic decision modelling in electricity portfolio management
10	<b>Transmission and Distribution modelling</b> Chairman: Prof. Vangelis DIALYNAS	Vangelis DIALYNAS	National Technical University of Athens - GR	Reliability assessment and quality of supply of transmission systems in a competitive electric energy market
		Sergio GRANVILLE	PSR - BR	Value based transmission expansion planning of hydrothermal systems with multiple scenarios (OptNet)
		John KABOURIS	Hellenic Transmission System Operator - GR	Contribution to the Damping of the Low Frequency Oscillations in the UCTE System
		Loukas G. DAOUTIS	National Technical University of Athens - GR	Reliability analysis and cost assessment of composite generation and transmission power systems (OptNet)