

Program of Towards eEnvironment conference

Venue: Hotel Corintia Towers, Prague

Session S3: ICT for monitoring and controlling of energy efficiency and security, modelling of air pollution, climate changes to support decision making in environment protection

Wednesday 25/3/2009

Parallel sessions 14:00 - 16:00

Hall C, 14:00-16:00, Session S3 (PS3), Energy efficiency, chairperson Emil Pelikán

14:00	14:20	Opening speech	Erik Geuss , Ministry of the Industry and Trade, Deputy Minister
14:20	14:40	Integrated energy spatial planning: "spatializing" policy decision support	Thomas Blaschke , Markus Biberacher, Sabine Gadocha, Ingrid Schardinger, Thomas Prinz
14:40	15:00	A New Architecture for Reduction of Energy Consumption of Home Appliances	Antonio Capone, Maria Barros , Halid Hrasnica, Spyridon Tompros
15:00	15:20	The role of predictive models in energy efficiency optimisation of industrial plants and buildings	Petr Stluka , Jiří Rojíček, Karel Mařík
15:20	15:40	Power Optimized More Electrical Aircraft	Jean-Luc Derouineau
15:40	16:00	Green IT solution	Georg Meixner
16:00	16:30	Coffee break	

Parallel sessions 16:30 - 18:30

Hall C, 16:30 - 18:30, Session S3 (PS7), Modelling climate changes, Chairperson Emil Pelikán

16:30	16:50	Modelling of the Taylor-Green Vortex by the Implicit Large Eddy Simulation	Vladimír Fuka , Josef Brechler
16:50	17:10	Assimilation of satellite and ground level data into air quality models	Jaroslav Resler , Kryštof Eben, Pavel Juruš, Pavel Krč
17:10	17:30	Conversion of Czech National Emission Inventory for Input to Air Quality Models	Jitka Liczki , Jaroslav Resler, Pavel Krč, Kryštof Eben
17:30	17:50	Rapid deployment system for complex accidental release simulations	Pavel Juruš , Kryštof Eben, Jaroslav Resler, Michal Belda
17:50	18:10	High resolution regional climate change modelling - challenge for ICT development	Tomáš Halenka , Michal Belda, Jiří Mikšovsky
18:10	18:30	Project UN CoolPlanet	Michal Broža

Friday 27/3/2009

Parallel sessions 9:00 - 11:00

Hall C, 9:00-11:00, Session S3 (PS27), Chairperson Emil Pelikán

9:00	9:20	REACH – New IT-Trends in collaboration and networking for the Process of Registration, Evaluation, Authorisation and Restriction of European Chemicals	Gerlinde Knetsch
9:20	9:40	Modelling of Floods: Climate Changes and Disasters Analysed by Information Technologies within a Framework of Recently Introduced Flood Directive of EU	Evžen Zeman , Jan Spatka, Michael Butts, Jan Sirotek
9:40	10:00	Environmental Economic and Natural Disasters	Eva Pajorová , Ladislav Hluchý
10:00	10:20	Integration of Earth Observation Data and Domain Knowledge Using Topic Maps	Rani Pinchuk , Bernard Valentin
10:20	10:40	Automated Real-Time Controlling of EIA Processes	Michael Hanke
10:40	11:00	Discussion	