

IT4Energy Program 2015

DAY 1: Policies and Best Practices for Energy Efficiency (April 27th)

DAY 2: Information Technology for Energy Applications (April 28th)

9:00 - 9:30	Registration	9:00 - 9:30	Registration
9:30 - 11:00	<p>Welcome</p> <p>Álvaro Oliveira, Alfamicro</p> <p>Keynote Speeches</p> <p>"Energy Challenges for Europe"</p> <p>Markku Markkula, President of the Committee of Regions</p> <p>"The role of H2020 and Portugal 2020"</p> <p>José Carlos Caldeira, President of ANI</p>	9:30 - 11:00	<p>(Room 1)</p> <p>Welcome</p> <p>Paulo Carreira, INESC-ID & IST, Universidade de Lisboa</p> <p>Vasco Amaral, FCT, Universidade Nova de Lisboa</p> <p>Alvaro Oliveira, Alfamicro</p> <p>Keynote Speeches</p> <p>"Energy Management from an IT Perspective - Current Research and Challenges at ABB Corporate Research"</p> <p>Thomas Goldschmidt, ABB Research, Germany</p> <p>"Service-Oriented Architectures and Intelligent EMS for Energy Efficiency"</p> <p>Paulo Carreira and Pedro Domingues, INESC-ID & IST, Universidade de Lisboa</p> <p>Ricardo Stocco, Politécnico di Milano</p> <p>Carlos Silva, IST, Universidade de Lisboa</p>
11:00 - 11:30	Networking Coffee Break	11:00 - 11:30	Networking Coffee Break
11:30 - 13:00	<p>Keynote Speech</p> <p>"Energy Efficiency"</p> <p>Paulo Ferrão, Director, MIT Portugal</p> <p>PANEL 1: EUROPEAN PROJECTS FOR ENERGY EFFICIENCY</p> <p>Moderator: Paulo Ferrão, Director, MIT Portugal</p> <p>Eric Foster-Moore, Project Negawatts - World Bank</p> <p>Ana Raposo, GPPQ</p> <p>Manuela Almeida, Project MoreConnect</p> <p>Luis Seca, ANYplace</p> <p>Laura Aelenei, LNEG</p>	11:30 - 13:00	<p>(Room 1)</p> <p>SMARTCAMPUS PILOTS SESSION</p> <p>"The SMART CAMPUS Project"</p> <p>Álvaro Oliveira, Alfamicro</p> <p>The SMART CAMPUS Pilots</p> <p>Moderator: Manuel Nina, Alfamicro</p> <p>Miguel Carvalho, IST, Universidade de Lisboa, Portugal</p> <p>Jan-Olov Johansson, Luleå Tekniska Universitet, Sweden</p> <p>Daria Cantù, Politécnico di Milano, Italy</p> <p>Veikko Koivumaa, METROPOLIA, Finland</p>
13:00 - 14:30	Lunch	13:00 - 14:30	Lunch
14:30 - 16:00	<p>PANEL 2: ENERGY EFFICIENCY BEST PRACTICES</p> <p>Moderator: Manuel Nina</p> <p>José Mata, Lightenjin</p> <p>Miguel Águas, Lisboa E-Nova</p> <p>João Dinis, Cascais Ambiente</p> <p>Luis Malheiro, LM</p> <p>Hélder Gonçalves, LNEG</p>	14:30 - 15:30	<p>(Room 1)</p> <p>Keynote Speeches</p> <p>"Flex-offers: Utilizing Explicit Flexibilities in Future Energy IT Systems"</p> <p>Torben Bach Pedersen, Aalborg University, Denmark</p> <p>"European Commission Vision for Energy Efficiency"</p> <p>Carmen Ifrim, European Commission</p>
16:00 - 16:30	Networking Coffee Break	15:30 - 16:30	<p>(Room 1)</p> <p>INOVATIVE BUSINESS MODELS FOR EE SESSION</p> <p>Moderator: Pedro Geirinhas, Alfamicro</p> <p>Miguel Carvalho, IST, Universidade de Lisboa</p> <p>Niina Erkama, Aalto University</p> <p>Jussi Mutilainen, ENORO</p> <p>Douglas Thompson, SPI</p> <p>Susana Fonseca, Coopérnico</p>
16:30 - 17:30	<p>PANEL 3: RECOMENDATIONS</p> <p>Moderator: Augusto Medina, SPI</p> <p>Eric Foster-Moore, World Bank</p> <p>Luis Mira Amaral, former Minister of Energy of Portugal</p> <p>Pedro Sampaio Nunes, Head of the Eureka Secretariat</p> <p>Anilton Salles Garcia, Brazil</p> <p>Ming Zhao, China</p>	16:30 - 16:45	Networking Coffee Break
17:30 - 17:40	Closing	16:45 - 17:45	<p>(Room 1)</p> <p>USER BEHAVIOR TRANSFORMATION SESSION</p> <p>Moderator: Luisa Schmidt, ICS</p> <p>Francesca Rizzo, Politecnico di Milano</p> <p>Marie Nolin, Luleå Tekniska Universitet</p> <p>Filipa Alves, QUERCUS</p> <p>Marta Lopes, INESC Coimbra</p>
19:00 - 21:00	Lecturers Dinner	17:45 - 18:00	Closing
		19:00 - 21:00	Gala Dinner
			<p>(Room 2)</p> <p>ENERGY MANAGEMENT SESSION</p> <p>Article Presentations</p> <p>"Benefits of metering and intelligent control in energy savings of public street lighting - UA Smart Campus use case", Alves et al.</p> <p>"Optimization of integrated renewable energy system supplied for Net Zero Energy House Community", Eilhauer et al.</p> <p>"LiDAR-based Inspection Data Analysis to Calculate Vegetation Approximation Rate to OHLs", Lopes et al.</p> <p>Poster Presentations</p> <p>"Distributed Control of Networked Smart Luminaires", Direita & Rocha</p> <p>"A Residential Energy Management System", Soares et al.</p> <p>"Towards the definition of a DSL for Automation to easily express uncertainty in Energy Efficiency concerns", Monteiro & Amaral</p> <p>"Optimization of HVAC consumption and users comfort - An experimental approach with GA optimization", Pombeiro et al.</p> <p>"Human Smart Cities: Cities Built from the scratch and Old Cities transformed into Smart Cities", Oliveira, A.</p>
			<p>(Room 2)</p> <p>ENERGY DATA PROCESSING SESSION</p> <p>Article presentations</p> <p>"Data Storage Optimization for Energy Management in Intelligent Buildings", Otero et al.</p> <p>"A Multidimensional Model for Building Energy Management", Cavalheiro, J.</p> <p>"Real-time Data Processing for Energy Metering Pattern Detection", Carvalho, A.</p>
			<p>(Room 2)</p> <p>ENERGY IT INDUSTRY SESSION</p> <p>Poster Presentations</p> <p>"Real time data visualization over BIM models", Lopes et al.</p> <p>"Building Automation Standards: Coping with Hardware Heterogeneity", Domingues & Carreira</p> <p>Industry Pitches</p> <p>"3i Buildings: Intelligent, Interactive and Immersive Buildings", Rodrigues et al., Siemens</p> <p>"EnergyIST: An Energy and Targeting Monitoring System", Kuipers et al., INESC INOV</p> <p>"Albatroz Engineering", Raposo et al., Albatroz Engineering</p> <p>"GreenSSCM: Green Software for Space Control Missions", Costa et al., VisionSpace Technologies</p> <p>"Green Software Lab", Belo et al., Universidade do Minho</p>