


Event:
Date:
Place:

ENERGY in BUILDINGS – Northern Hellas 2018

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Thessaloniki, Hellas



#	Dimosthenis Ioannidis Electrical Engineer, PhD	
Title:	Senior Research Associate at CERTH/ITI (Centre for Research and Technology Hellas/ Information Technologies Institute), Thessaloniki, Greece	
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Presentation title:	Holistic-IoT Platform for Energy Monitoring with Real-Time Intelligence	
<p>The Holistic-IoT platform developed by CERTH is an innovative white label energy monitoring and control platform (OEM platform) capable to collect, process, analyze, compare and present information collected at different architectural nodes of an end-to-end ecosystem. It is device and protocol agnostic, allowing any device, hub, gateway, 3rd party application, etc. to share data with the platform. It supports a multi-hierarchical user authentication and category management. It is equipped with dynamic fully configurable dashboards and widgets, as well as multi-lingual interfaces. Energy analytics and real-time processing and analysis is supported, such as energy consumption disaggregation and forecasting.</p>		
CV:		
<p>Dr. Dimosthenis Ioannidis (male) is a Senior Researcher Associate in CERTH/ITI (Centre for Research and Technology Hellas/ Information Technologies Institute). He received the Diploma degree in electrical and computer engineering, the MSc. in Advanced Communication Systems and Engineering from the Electrical and Computer Engineering department of the Aristotle University of Thessaloniki and the PhD degree in Electrical and Computer Engineering in 2000, 2005 and 2017 respectively. He has been a teaching assistant at TEI Thessaloniki (2006-2010). His main research interests include visual analytics, energy efficiency, IoT platforms development, computer vision, stereoscopic image processing and signal analysis, linguistics algorithms, web services, semantics, as well as research in ethics, biometrics and standardization. During the last five years, he has been the (co)author of more than 60 papers in refereed journals, edited books, and international conferences. He has served as a reviewer for several technical journals. He has also been involved in more than 20 research projects funded by the EC and the Greek secretariat of Research and Technology. During his involvement in these projects, he involved as a leader of several WPs, where he had the supervision of large team of developers and technical teams, where he acted in four of them as a Quality Manager of the project. He is also currently acting as an Ethics evaluator of running projects executed under the auspices of EC, providing services such as monitoring of research activities performed in projects in respect to assigned ethics requirements. Services are related to the assessment of the human participation in real-life trials, privacy enhancing technologies used for the protection of personal data as well as other ethics issues that shall be tackled within a project lifetime (i.e. dual use, misuse and personal sensitive data). He is also a member of the Technical Chamber of Greece.</p>		