"Building Blocks for IoT School"

Preliminary Program

Friday 24th of November 2016

Time	Session	Speaker(s)
8:30-9:00	Registration	
9:00-9:30	Welcome & Overview	Th. Laopoulos, S. Siskos, A. Hatzopoulos
9:30-10:30	Presentation 1 - *Smart Sensors towards IoT Applications*	Emmanuel Zervakis, CEO ESS, European Sensor Systems (ESS)
10:30-11:00	Coffee Break	
11:00-12:00	Presentation 2 - *Design of scalable sensor interface circuits for a smart world*	Georges Gielen, Professor, KU Leuven
12:00-13:00	Presentation 3 - *Circuit and firmware consideration for ultra-low power battery based IoT sensor development*	Alexandros Kanlis, Assistant Professor, Information Technologies Institute - CERTH, Thessaloniki
13:00-14:00	Lunch Break	
14:00-15:00	Presentation 4 - *DC/DC converters for energy harvesting and modern electronics applications*	Nikolaos Papanikolaou, Assistant Professor, Democritus University of Thrace
15:00-16:00	Presentation 5 - *NITOS IoT Testbed and Applications*	Giannis Kasdaridis, Research Associate, Centre for Research & Technology Hellas (CERTH), NITlab
16:30-17:00	Coffee Break	
17:00-18:00	Presentation 6 - *Photonic technologies in ICT: Challenges and opportunities for the next decade*	Dimitris Tsiokos, Aristotle University of Thessaloniki

Saturday 25th of November 2016

Time	Session	Speaker(s)
9:00-10:00	Presentation 1 - *Communication protocols for IoT*	Sotirios Goudos, Assistant Professor, Aristotle University of Thessaloniki
10:00-11:00	Presentation 2 - *Approximate Computing for Near-Sensor Processing in IoT - A new twist to an old story*	Andreas Burg, Assistant Professor, Ecole Polytechnique Fédérale de Lausanne
11:00-11:30	Coffee Break	
11:30-12:30	Presentation 3 -*Sensors and social networks big data threads integration in smart cities*	Athena Vakali, Professor, Aristotle University of Thessaloniki
12:30-13:30	Presentation 4 - *Fog Computing: A smart link between IoT Edge nodes and the Cloud*	Vassilis Tsoutsouras, PhD Student, Technical University of Athens
13:30-14:30	Lunch Break	
14:30-15:30	Presentation 5 - *IoT and AgTech: technology will feed the world*	Georgios Varvarelis,Co-founder & CEO, Agile Agriculture Technologies
15:30-16:30	Presentation 6 - *Security in IoT: A Midsummer Night's Dream or a challenging possibility?*	Minas Dasygenis, Lecturer, University of Western Macedonia
16:30-17:00	Coffee Break	
17:00-17:30	EEE CASS activities in Greece and worldwide	Alkis Hatzopoulos, Chair of IEEEGreeceCASS/SSCSchapter
17:30-18:00	Student Contest	

Sunday 26th of November 2016

Time	Session	Speaker(s)
9:30-11:00	Session 1a - *Practical seminar on the data collection using NI LabVIEW*	A. Vandoulakis, Epsilon Metrisys, Athens, Greece
11:00-11:30	Coffee Break	
11:30-13:00	Session 1b - *Practical seminar on the data collection using NI LabVIEW*	A. Vandoulakis, Epsilon Metrisys, Athens, Greece
13:00-14:30	Lunch Break	
14:30-16:00	Session 2a - *NI LabVIEW Measurement System*	V. Konstantakos
16:00-16:30	Coffee Break	
16:30-17:30	Session 2b - *NI LabVIEW Measurement System*	V. Konstantakos
17:30-18:00	Closing - Awards	