

"Heterogeneous Cyber Physical Systems of Systems (HEPSoS)"

Nov. 29, 30, Dec. 1, 2019

Venue: Aristotle University's Research Dissemination Center (KEDEA) Hall III

Program

FRIDAY 29/11/2019			
8.30-9.00	Registration		
9.00-9.30	Prof. Y. Papaefstathiou Prof. A. Hatzopoulos	Opening	
9.30-11.00	Prof. Apostolos Dollas	Technical University of Crete, Greece	Meta-Arduino-ing Microcontroller-Based Cyber Physical System Design
11.00-11.30	Coffee break		
11.30-13.00	Prof. Eduardo De La Torre	Universidad Politécnica de Madrid (UPM), Centre of Electronics for Industry (CEI), Spain	Adaptivity and self-awareness of CPSs and CPSoSs
13.00-14.00	Lunch		
14.00-16.00	Dr. Harry Manifavas	Institute of Computer Science, FORTH, Greece	Blockchain for Cyberphysical Systems: Applications, Opportunities and Challenges
16.00-16.30	Coffee break		
16.30-18.00	Prof. Marco Santambrogio	Politecnico di Milano, Italy	From FPGA-based Reconfigurable Systems to Autonomic Heterogeneous Computing Systems: an enabling technologies perspective and more
SATURDAY 30/11/2019			
9.00-10.00	Prof. Theocharis Theocharidis	University of Cyprus and KIOS Research and Innovation Center of Excellence, Cyprus	The Edge has grown up and it's time to leave the Cloud!
10.00-11.00	Anna-Maria Velentza	University of Macedonia, Greece	Putting the humans in the middle of the CPS design process
11.00-11.30	Coffee break		
11.30-12.30	Georges Gielen Professor	KU Leuven, Department of Electrical Engineering, Belgium	Design of scalable sensor interface circuits for a smart world
12.30-13.30	Prof. Yusuf Leblebici	Univ. Sabanci, Turkey EPFL, Switzerland	New generation non-volatile memory integration with SoC
13.30-14.30	Lunch		
14.30-15.30	Prof. Yannis Papaefstathiou	Aristotle University of Thessaloniki, Greece	Implementing Efficient Machine Learning schemes in heterogeneous CPS
15.30-16.30	Prof. Michail Kiziroglou	International Hellenic University / Imperial College London, United Kingdom	Powering Cyber-Physical-System nodes by Energy Harvesting
16.30-17.00	Coffee break		

17.00-17.30	Alkis Hatzopoulos, Professor	Chair of IEEE Greece CASS/SSCS chapter	IEEE CASS activities in Greece and world- wide
17.30-18.00	Quick test/evaluation		
	SUNDAY 01/12/2019 (computer lab «Vergina», building E)		
9.30-11.00	Dr. Nikos Tampouratzis	Aristotle University of Thessaloniki, Greece	Hands on Hardware/Software Co-Design
11:00-11.30	Coffee break		
11.30-13.00	Dr. Nikos Tampouratzis	Aristotle University of Thessaloniki, Greece	Hands on Hardware/Software Co-Design
13.00-13.30	Closing Session and Award		