

Intelligent Environments 2018 - Program

Day 1 - Monday, June 25th - Workshop Day				
09.00 - 10.30	Room A3 Workshop - IWSSS'18	Room A5 Workshop - CoT'18	Room A6 Workshop - CCSCS'18	
10.30 - 11.00	Coffee Break - Courtyard			
11.00 - 12.30	Room A3 Workshop - IWSSS'18	Room A5 Workshop - CoT'18	Room A6 Workshop - CCSCS'18	
12.30 - 14.00	Lunch Break			
14.00 - 15.30	Room A3 Workshop - IWSSS'18	Room A5 Workshop - SOOW'18	Room A6 Workshop - WISHWell'18	Room A4 Tutorial - Antonio Krüger (DFKI) - Digital Object Memories in Instrumented Spaces
15.30 - 16.00	Coffee Break - Courtyard			
16.00 - 17.30	Room A3 Workshop - IWSSS'18	Room A5 Workshop - SOOW'18	Room A6 Workshop - WISHWell'18	Room A4 Tutorial - Alessandra De Paola (University of Palermo) - Intelligent Systems for Smart Building Management
20.00 -	Workshop Dinner			
Day 2 - Tuesday, June 26th - Workshop Day				
09.00 - 10.30	Room A3	Room A5 Workshop - WoRIE'18	Room A6 Workshop - ISAPEP'18 - 6 papers	Room A4 Tutorial - Tadashi Okoshi (Keio University) - From Awareness To Foundation: Human Behavior in Computing
10.30 - 11.00	Coffee Break - Courtyard			
11.00 - 12.30	Room A3	Room A5 Workshop - WoRIE'18	Room A6 Workshop - ISAPEP'18 - 6 papers	Room A4 Tutorial - Ioannis Chatzigiannakis (Sapienza Universita Di Roma) - Computing in the Fog: Tutorial on Recent Technological Advances and Development Techniques
12.30 - 14.00	Lunch Break			
14.00 - 15.30	Room A3 Workshop - LIIE'18	Room A5 Workshop - pHIWTE'18	Room A6 Workshop - SOFIEEe'18 - 8 Papers	Room A4 Tutorial - Kazunori Takashio (Keio University) - Social Interaction with Cloud Network Robots
15.30 - 16.00	Coffee Break - Courtyard			
16.00 - 17.30	Room A3 Workshop - LIIE'18	Room A5 Workshop - pHIWTE'18	Room A6 Workshop - SOFIEEe'18 - 8 Papers	Room A4 Tutorial - Axel Steinhage, Axel Techmer and Raoul Hoffmann (Future-Shape GmbH) - Building interactive environments by means of capacitive sensor surfaces
19.00 - 21.00	Welcome Reception			
Day 3 - Wednesday, June 27th				
9.30 - 10.30	Keynote Speaker #1 - Fahim Kawsar - Computational Behavior Modelling for the Internet of Things - Aula Magna			
10.30 - 11.00	Coffee Break - Courtyard			
11.00 - 13.00	Full Paper Session - Human-centered computing - Aula Magna			Room A4
	24	Falk Brockmann, Marcus Handte and Pedro José Marrón	CutiQueue: People Counting in Waiting Lines Using Bluetooth Low Energy Based Passive Presence Detection	Tutorial - José M. Giménez-García (Université Jean Monnet) - Semantic web techniques meet sensor data
	3	Orestis Akrivopoulos, Ioannis Chatzigiannakis, Dimitrios Amaxilatis and Irene Mavrommati	Utilising Fog Computing for developing a Person-Centric Heart Monitoring System	
	14	Andreas Komninos, Jeries Besharat, Vassilios Stefanis and John Garofalakis	Perceptibility of Mobile Notification Modalities during Multitasking in Smart Environments	
56	Sebastian Frank and Arjan Kuijper	Enabling Driver Feet Gestures Using Capacitive Proximity Sensing		

13.00 - 14.30	Lunch Break			
	Special Session - Process-aware Intelligent Environments - Aula Magna		Room A4	
	28	Niek Tax, Natalia Sidorova, Reinder Haakma and Wil M.P. van der Aalst	Mining Local Process Models with Constraints Efficiently: Applications to the Analysis of Smart Home Data	
14.30 - 16.00	30	Felix Mannhardt, Sobah Abbas Petersen and Manuel Fradinho Oliveira	Privacy Challenges for Process Mining in Human-centered Industrial Environments	Tutorial - Barbara Weber (Technical University of Denmark) - Business Process Management approaches and techniques applied to smart environmen
	35	Maurizio Bevilacqua and Filippo Emanuele Ciarapica	Performance Measurement System from a "conventional" servicing context to a Global Service agreement	
16.00 - 16.30	Coffee Break - Courtyard			
16.30 - 18.00	Keynote Speaker #2 - Jun Luo -Visible Light Communications and Sensing with COTS Techniques: A Path to Efficient Smartness - Aula Magna			
20.00 -	Social Party			
	Day 4 - Thursday, June 28th			
9.30 - 10.30	Keynote Speaker #3 - Hideki Hashimoto - Intelligent Interactive Space - Fusion of ICT, ET and Robot Technology - Aula Magna			
10.30 - 11.00	Coffee Break - Courtyard			
	Short Paper Session - Aula Magna		Room A4	
	57	Nathavuth Kitbutrawat, Shugo Kajita, Hirozumi Yamaguchi and Teruo Higashino	Location Identification of BLE-Embedded HVACs for Smart Building Management	Tutorial - Maxime Lefrançois (Université Jean Monnet) - Choosing your ontologies for sensor data applications
	19	Vito Janko and Mitja Luštrek	Choosing Duty-Cycle Parameters for Context Recognition	
11.00 - 13.00	36	Florian Roider and Konstantin Raab	Implementation and Evaluation of Peripheral Light Feedback for Mid-Air Gesture Interaction in the Car	
	25	Thi Hoa Cuc Nguyen, Jean-Cristophe Nebel, Gordon Hunter and Francisco Florez Revuelta	Detection of Hands and Objects in Egocentric Videos for Ambient Assisted Living Applications	
	4	Dimitri Belli, Stefano Chessa, Luca Foschini and Michele Girolami	Enhancing Mobile Edge Computing Architecture with Human-driven Edge Computing Model	
13.00 - 14.30	Lunch Break			
	Full Paper Session - Context-awareness - Aula Magna		Doctoral Colloquium - Room A4	
	5	Alexis Brenon, François Portet and Michel Vacher	Context Feature Learning through Deep Learning and Adaptive Context-Aware Decision Making in the Home	16 Emmanuel Ferreyra Olivares and Angeliki Balantani A CA-CV approach for cognitive computer vision
14.30 - 16.00	29	Niek Tax	Human Activity Prediction in Smart Home Environments with LSTM Neural Networks	2 Parvaneh Parvin, Fabio Paterno and Stefano Chiesa Anomaly Detection in Elderly Daily Behavior
	7	Dennis Sprute, Robin Rasch, Aljoscha Pörtner, Sven Battermann and Matthias König	Gesture-Based Object Localization for Robot Applications in Intelligent Environments	6 Alberto Monge Roffarello End User Development in the IoT: a Semantic Approach
16.00 - 16.30	Closing Session - Aula Magna			