4rd International Workshop on Sensor Networks and Ambient Intelligence (SeNAmI 2012)

Lugano, Switzerland, March 19-23, 2012 - Colocated with PerCom 2012.

The workshop will be held on Friday 23rd in Palazzo dei Congressi (Room B1), Piazza Indipendenza 4, Lugano. For additional information on the conference venue, please check PerCom Program.

SeNAmI 2012 - WORKSHOP PROGRAM		
8:45-9:00	Welcome&introduction	
9:00-10:00	**Session 1: Tools and methodologies to design Smart Spaces**	1.a - BRIX - An Easy-to-Use Modular Sensor and Actuator Prototyping Toolkit. *Sebastian Zehe, Tobias Grosshauser, Thomas Hermann. Bielefeld University, Germany.* 1.b - Architecture for end-user programming of cross-smart space applications. *Marko Palviainen, Jarkko Kuusijärvi, Eila Ovaska. VTT Technical Research Centre of Finland, Finland.* 1.c - A Development Methodology to Facilitate the Integration of Smart Spaces into the Web of Things. *Iván Corredor, Josué Iglesias, Ana M. Bernardos, José R. Casar. Universidad Politécnica de Madrid, Spain.*
10:00-10:30	Coffee break	
10:30-12:00	**Session 2: Trends in architectures and reasoning for Smart Spaces**	2.a - Performance Evaluation of a Semantic Smart Space Deployment. *Gerrit Niezen, Bram van der Vlist, Sachin Bhardwaj, Tanir Özçelebi. Eindhoven University of Technology, The Netherlands.* 2.b - Global Ambient Intelligence: an Autonomic Approach. *Michele Amoretti, Marco Picone, Francesco Zanichelli. University of Parma, Italy.* 2.c - An Inference Sharing Architecture For a More Efficient Context Reasoning. *Aitor Almeida, Diego López de Ipiña. University of Deusto, Spain.* 2.d - On Detecting Service Chains in Sensor-Driven Home Network Services. *Takuya Inada, Kousuke Ikegami, Matsumoto Shinsuke, Masahide Nakamura, Hiroshi Igaki. Kobe University, Japan.*

12:00-13:30	Lunch break	
13:30-15:00	**Session 3: Detecting user's activity for Smart Applications**	3.a - Towards Abnormal Behavior Detection of Cognitive Impaired People. *Antonio Coronato, Luigi Gallo. ICAR-CNR, Italy.* 3.b - Ontological representation of time-of-flight camera data to support vision-based AmI. *Miguel Ángel Serrano, Juan Gómez-Romero, Miguel Ángel Patricio, Jesús García, José Manuel Molina. Universidad Carlos III de Madrid, Spain.* 3.c - Towards a fuzzy-based multi-classifier selection module for activity recognition applications. *Henar Martín, Josué Iglesias, Jesús Cano, Ana M. Bernardos, José R. Casar. Universidad Politécnica de Madrid, Spain.* 3.d - Sensing Mobile Phone Interaction in the Field. *Florian Lettner, Clemens Holzmann. University of Applied Sciences Upper Austria, Austria.*
15:00-15:30	Coffee break	
15:30-16:30	**Session 4: Topics on WSN for Smart Spaces**	4.a - Resource coordination in wireless sensor networks by cooperative reinforcement learning. *Muhidul Islam Khan, Bernhard Rinner. Klagenfurt University, Austria.* 4.b - D-UREA: Distributed Uncovered Region Exploration Algorithm for Reorganization of Sensor Nodes to Maximize Coverage. *Manisha Jitendra Nene & Rajendra Deodhar, Defence Institute of Advanced Technology, India. L. M. Patnaik, Indian Institute of Science, India.* 4.c - HCMTT: Hybrid Clustering for Multi-Target Tracking in Wireless Sensor Networks. *Faezeh Hajiaghajani, Marjan Naderan, Hosein Pedram, Mehdi Dehghan. Amirkabir University of Technology, Iran.*