



5th International Workshop on Smart Environments and Ambient Intelligence (SENAmI 2013)

San Diego, U.S.A., March 22, 2013 - Colocated with PerCom 2013.

The workshop will be held on March 22nd, Friday in Kona Kai Resort in San Diego. For additional information on the conference venue, please check PerCom site.

SeNAmI 2013 - WORKSHOP PROGRAM	
8:50-9:00	Welcome&introduction
9:00-10:00	Session 1: Architectures and middleware for data processing and service delivery in smart environments
	<p>1.a - Towards Context-Aware Internet Services with Unselfish Clients. <i>Yu Lu and Wai-Choong Wong (National University of Singapore, Singapore)</i></p> <p>1.b - HomePort: Middleware for Heterogeneous Home Automation Networks. <i>Thibaut Le Guilly, Petur Olsen, Anders P. Ravn and Jesper Rosenkilde (Aalborg University, Denmark); Arne Skou (CISS, Denmark)</i></p> <p>1.c - System-level approach to the design of collaborative distributed systems based on wireless sensor and actuator networks. <i>Udayanto Dwi Atmojo, Zoran Salcic and Kevin I-Kai Wang (The University of Auckland, New Zealand)</i></p>
10:00-10:30	Coffee break
10:30-12:00	Session 2: Interacting with smart objects and WSN
	<p>2.a - PERSEO: a system to Personalize the Environment Response through Smart phones and Objects. <i>Luca Bergesio, Íñigo Marquínez, Ana M. Bernardos, Juan Besada and Jose R Casar (Universidad Politecnica de Madrid, Spain)</i></p> <p>2.b - Motion Sensors for Activity Recognition in an Ambient-Intelligence Scenario. <i>Pietro Cottone, Giuseppe Lo Re, Gabriele Maida and Marco Morana (University of Palermo, Italy)</i></p> <p>2.c - Integrating Wireless Sensor Nodes and Smartphones for Energy-Efficient Data Exchange in Smart Environments. <i>Sebastian Zöller, Andreas Reinhardt, Markus Wachtel and Ralf Steinmetz (Technische Universität Darmstadt, Germany)</i></p> <p>2.d - Supporting Daily Living Activities using Behavior Logs and Augmented Reality. <i>Yuki Nakamura, Keiichi Yasumoto, Morihiko Tamai and Shinya Yamamoto (Tokyo University of Science Yamaguchi, Japan)</i></p>
12:00-13:30	Lunch break
13:30-14:50	Session 3: Personalized applications in Smart Environments
	<p>3.a - Improving Energy Efficiency through Activity-Aware Control of Office Appliances using Proximity Sensing – A Real-Life Study. <i>Paola Andrea Jaramillo Garcia and Oliver Amft (TU Eindhoven, The Netherlands)</i></p> <p>3.b - SoundOfTheCity – Continuous Noise Monitoring for a Healthy City. <i>Lukas Ruge, Bashar Altakrouri and Andreas Schrader (University of Lübeck, Germany)</i></p> <p>3.c - Multimodal Energy Expenditure Calculation for Pervasive Health: A Data Fusion Model using Wearable Sensors. <i>Haik Kalantarian, Sunghoon Lee, Anurag Mishra, Hassan Ghasemzadeh, Jason J. Liu and Majid Sarrafzadeh (University of California, Los Angeles, USA)</i></p> <p>3.d - Situation and Social Awareness-based Personalized Recommendation Service in Pervasive Computing Environment. <i>Haesung Lee and Joonhee Kwon (Kyonggi University, Korea)</i></p>
14:50 -15:00	Wrap up & closing