8.00-8.30am REGISTRATION

8.45-9.00am OPENING REMARKS (Stefano Russo and other PC Co-Chairs)

Practical, Industrial Perspectives

9.00-9.25am Managing the Aladdin Home Networking System: An Experience Report
Yi-Min Wang
Microsoft Research, USA

9.25-9.50am Quality Attributes in Wireless Sensor Networks
Sharmila Ravula, Brad Petrus, Ji Eun Kim and Christoph Stoermer
Robert Bosch Corporation, USA

9.50-10.00am COFFEE BREAK

Embedded Real-Time Issues

10.00-10.25am A Fault-tolerant Scheduling Scheme for Hybrid Tasks in Distributed Real-time Systems
Young Sik Hong and H. W. Goo
Dongguk University, Seoul, South Korea

10.25-10.50am Measurement-Based Worst-Case Execution Time Analysis
Ingomar Wenzel, Raimund Kirner, Bernhard Rieder, Peter Puschner
Vienna University of Technology, Austria

10.50-11.15am Static Composition of Service-Based Real-Time Applications
Iria Estévez-Ayres, Marisol García-Valls, Pablo Basanta
Universidad Carlos III de Madrid, Spain

11.15-11.40am A Case Study on Partial Evaluation in Embedded Software Design
Michael Jung, Ralf Laue and Sorin Alexander Huss
Technische Universität Darmstadt, Germany

12.00-1.30pm LUNCH

Smart Spaces

1.30-1.55am SLAP: a Location-aware Software Infrastructure for Smart Spaces
Hongliang Gu, Yuanchun Shi, Guangyou Xu
Tsinghua University, Beijing, China

1.55-2.20am Resource Management Based on Personal Service Aggregations in Smart Spaces
Peifeng Xiang, YuanChun Shi
Tsinghua University, Beijing, China

Service, Application and Device Integration and Implementation

2.20-2.45pm Implementation of New Services to Support Ubiquitous Computing for Town Life
Tack-Don Han, Cheolho Cheong, Hyung-Min Yoon, Jong-Young Kim, Seong-Hun Jeong, Young-Seung Ryu6, Bum-Seok Kang, Hyun-Kyung Kim, Seok-Won Lee, Vason P. Srini, Joo-Hyeon Lee, Young-Woo Sohn, Yoon Su Baek, Sang-Yong Lee, WooShik Kang, SeongWoon Kim
Yonsei University, ColorZip Media Inc., and Samsung Advanced Institute of Technology, Seoul, Korea

2.45-3.10pm A Strategy for Application-Transparent Integration of Nomadic Computing Domains

Dominico Cotroneo, Cristiano di Flora, Massimo Ficco and Stefano Russo
Universita' degli Studi di Napoli Federico II, Italy
Laboratorio Nazionale per l'Informatica e la Telematica Multimediali, CINI-ITEM, Italy

3.10-3.35pm Hyrax - Hyperlink-based Application Framework for Smart Devices
Yukikazu Nakamoto
University of Hyogo, Japan

3.35-4.00pm An Input Event Framework for Multi-Modal and Multi-Device environments
Nobuyuki Kobayashi, Eiji Tokunaga, Hiroaki Kimura, Yasufumi Hirakawa, Masaaki Ayabe, Tatsuo Nakajima
Waseda University, Japan

Mission-Critical Computing Issues

4.00-4.25pm CARDAMOM: Next Generation Mission and Safety Critical Enterprise Middleware
Angelo Corsaro
Alenia Marconi Systems, Italy

4.25-4.50pm Development of Distributed Programming Developing Tool-Kit based on Object Group Model
Su-Chong Joo
Wonkwang University, South Korea

4.50-5.00pm CLOSING REMARKS

6.00-8.00pm RECEPTION