

*Review Form: 1<sup>st</sup> International Workshop on*  
**Services and Infrastructure for the Ubiquitous and Mobile Internet (SIUMI'05)**



**SIUMI 2005**

**WEB MINDS**

Columbus, Ohio,  
USA, June 6<sup>th</sup>, 2005

In conjunction with the 25th Int. Conference on Distributed Computing Systems (**ICDCS'05**)

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**Identification and Location Management** (09:15-10:15)

Wooseong Kim, YangWoo Ko, Soojeon Lee, Taeik Kang

Contact author: Wooseong Kim, willie@lge.com

***“Fast Mobile Node Configuration Using Address Caching in Hybrid Wireless Network”***

Cristiano di Flora, Massimo Ficco, Stefano Russo, Vincenzo Vecchio

Contact author: Vincenzo Vecchio, v.vecchio@unina.it

***“Indoor and Outdoor Location based Services for Portable Wireless Devices”***

Jyh-How Huang, Shivakant Mishra

Contact author: Shivakant Mishra, mishras@cs.colorado.edu

***“A Sensor-based Tracking System using Witnesses”***

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COFFEE BREAK (10:15-10:30)

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**Middleware Support for the Mobile Internet** (10:30-11:30)

Raffaella Grieco, Delfina Malandrino, Francesca Mazzoni, Vittorio Scarano, Francesco Varriale

Contact author: Vittorio Scarano, vitsca@dia.unisa.it

***“An Intermediary Software Infrastructure for Edge Services”***

Claudio Bettini, Nicolò Cesa-Bianchi, Daniele Riboni

Contact author: Claudio Bettini, bettini@dico.unimi.it

***“A Distributed Architecture for Management and Retrieval of Extended Points of Interest”***

Michael S. Thompson, Scott F. Midkiff

Contact author: Michael S. Thompson, stuboy@vt.edu

***“Service Description for Pervasive Service Discovery”***

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## **Enabling Technologies: Mobile Agents** (11:45-12:45)

Paolo Bellavista, Antonio Corradi, Stefano Monti

Contact author: Paolo Bellavista, pbellavista@deis.unibo.it

***“Integrating Web Services and Mobile Agent Systems”***

Tarig Mohamed Ahmed

Contact author: Tarig Mohamed Ahmed, tarig\_harbi71@hotmail.com

***“Generating Mobile Agent Securely by Using MASL”***

Paolo Bellavista, Antonio Corradi, Carlo Giannelli

Contact author: Paolo Bellavista, pbellavista@deis.unibo.it

***“Mobile Proxies for Proactive Buffering in Wireless Internet Multimedia Streaming”***

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LUNCH (12:45-14:15)

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## **Resource-limited Systems** (14:15-15:15)

Minyoung Kim, Hyunok Oh, Nikil Dutt, Alex Nicolau, Nalini Venkatasubramanian

Contact author: Minyoung Kim, minyoungk@ics.uci.edu

***“Probability-based Power Aware Error Resilient Coding”***

Hugo Miranda, Luis Rodrigues

Contact author: Hugo Miranda, hmiranda@di.fc.ul.pt

***“Using a Fairness Monitoring Service to Improve Load-balancing in DSR”***

Dmitrii Zagorodnov, Dag Johansen

Contact author: Dmitrii Zagorodnov, dmitrii@cs.uit.no

***“The Last Hop of Global Notification Delivery to Mobile Users: Accommodating Volume Limits and Device Constraints”***

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COFFEE BREAK (15:15-15:30)

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## **Context Awareness and Content Adaptation** (15:30-16:50)

Claudia Canali, Valeria Cardellini, Riccardo Lancellotti

Contact author: Claudia Canali, claudia@weblab.ing.unimo.it

***“Performance Comparison of Distributed Architectures for Content Adaptation and Delivery of Web Resources”***

Domenico Cotroneo, Generoso Paolillo, Carmine Pirro, Stefano Russo

Contact author: Generoso Paolillo, gepaolil@unina.it

***“A User-driven Adaptation Strategy for Mobile Video Streaming Applications”***

Kouji Nishigaki, Keiichi Yasumoto, Naoki Shibata, Minoru Ito, Teruo Higashino  
Contact author: Kouji Nishigaki, koji-ni@is.naist.jp

***“Framework and Rule-based Language for Facilitating Context-aware Computing using Information Appliances”***

Roberto Boselli, Federico Cabitza, Flavio De Paoli, Marco Loregian

Contact author: Marco Loregian, loregian@disco.unimib.it

***“An Adaptive Middleware to Support Context-Aware Knowledge Sharing”***

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