

PerCoSC 2011 Program

March 21, 2011

9:00 - 10:00 Session 1 Mobile Cloud Computing

Adaption of Archetype Patterns for mobile cloud-based business apps

Jakob Strauch, FH Aachen, Germany

Thomas Ritz, FH Aachen, Germany

Challenges in Securing the Interface Between the Cloud and Mobile Systems

Brent J. Lagesse, CSIR, Oak Ridge National Laboratory, USA

10:30 -12:00 Session 2 Overview of Service Clouds

Cloud Computing Oriented Network Operating Systems and Service Platform

Jianwei Yin, Zhejiang University, China

Yanming Ye, Zhejiang University, China

Bin Wu, Zhejiang University, China

Zuoning Chen, National Parallel Computing Engineering Research Center, Beijing, China

Mobile Search and the Cloud: The Benefits of Offloading

Eemil Lagerspetz, University of Helisinki, Finland

Sasu Tarkoma, University of Helisinki, Finland

Ubiquitous Cloud: Managing Service Resources for Adaptive Ubiquitous Computing

Koichi Egami, Kobe University, Japan

Masahide Nakamura, Kobe University, Japan

Matsumoto Shinsuke Kobe University, Japan

13:30 – 15:00 Session 3 Pervasive Community Services and Applications

Contemporary Ubiquitous Media Services: Content Recommendation and Adaptation

Wenyuan Yin, State University of New York at Buffalo, USA

Xinglei Zhu, State University of New York at Buffalo, USA

Chang Wen Chen, State University of New York at Buffalo, USA

Improving Pervasive Positioning through Three-tier Cyber Foraging

Mads Darø Kristensen, Aarhus University, Denmark

Mikkel Baun Kjærgaard, Aarhus University, Denmark

Thomas Toftkjær, Aarhus University, Denmark

Sourav Bhattacharya, University of Helsinki, Finland

Petteri Nurmi, University of Helsinki, Finland

Home Automation and Security for Mobile Devices

Somak Das, Massachusetts Institute of Technology, USA

Silvia Chita, Washington State University, USA

Nina Peterson, Lewis-Clark State College, USA

Behrooz Shirazi, Washington State University, USA

Medha Bhadkamkar, Washington State University, USA

15:30 – 16:30 Discussion and Wrap-up