

ADSN 2007: Preliminary Program

8:00 – 9:00 **Registration**

9:00 – 9:15 **Welcome Address**

General Chair: Kinji Mori

Program Chair: Chin-Tser Huang

9:15 – 10:45 **Session 1: Assurance in Ad Hoc and Sensor Networks**

RoBcast: A Singlehop Reliable Broadcast Protocol for Wireless Sensor Networks, Murat Demirbas, Srivats Balachandran, SUNY Buffalo

State Transition Model for Test Sequence Generation of MANET Clustering Protocols, Hideharu Kojima, Tomoyuki Ohta, Yoshiaki Kakuda, Hiroshima City University

Performance Evaluation of Autonomous Clustering for Hierarchical Routing Protocols in Mobile Ad Hoc Networks, Tomoyuki Ohta, Naoyoshi Murakami, Yoshiaki Kakuda, Hiroshima City University

10:45 – 11:00 Break

11:00 – 12:30 **Session 2: Assurance Technologies and Applications**

Autonomous Community Area Construction Technology to Achieve High Assurance, Hiroyuki Endo, Yosuke Sugiyama, Kotaro Hama, Yuuki Nakahara, Kinji Mori, Tokyo Institute of Technology

Multi-layered Data Consistency Technology in Autonomous Decentralized IC Card Ticket System, Akio Shiibashi, Motoharu Yamana, East Japan Railway Company; Kinji Mori, Tokyo Institute of Technology

Parallel Downloading Using Variable Length Blocks for Proxy Servers, Atsushi Kawano, Junichi Funasaka, Kenji Ishida, Hiroshima City University

12:30 – 14:00 Lunch

14:00 – 15:00 **Session 3: Analysis of Assurance Methods**

An Analysis on the Schemes for Detecting and Preventing ARP Cache Poisoning Attacks, Cristina Abad, Escuela Superior Politécnica del Litoral; Rafael Bonilla, Universidad Católica de Santiago de Guayaquil

Lower Bounds for Achieving Synchronous Consensus with Orderly Crash Failures, Rong Zhang, Yong Meng Teo, National University of Singapore; Qijuan Chen, Wuhan University; Xianbing Wang, National University of Singapore

15:00 – 15:15 Break

15:15 – 16:30 **Session 4: Panel on Assurance Provision**

16:30 – 16:45 **Closing Remarks**

Vice Chair: Yoshiaki Kakuda