

Time	Section	Title and Authors
9:00 - 9:10	Opening	General chair and Program Chair
9:10 - 9:50	Invited	ADSN 2009 Invited Talk, Chair: Kinji Mori
		Autonomous Decentralized Root Certification Authority System Luis Carlos Coronado-García, Carlos Hernández-López, Carlos Pérez-Leguizamón
9:50 - 10:50	Section 1	Dependable Computing, Chair: Yoshiaki Kakuda
	A-16	Autonomous Decentralized VoD System Architecture and Fault-tolerant Technology to Assure Continuous Service Xiaodong Lu and Kinji Mori
	A-15	A Robust Detection of the Sybil Attack in Urban VANETs Chen Chen, Xin Wang, Weili Han, Binyu Zang
10:50 - 11:10		Coffee Break
11:10 - 12:40	Section 2	Systems and Applications Chair: Tomoyuki Ohta will probably
	A-05	TCP/IP Socket I/O Multiplexing Using A Hybrid Polling Event System Jianli Sun
	A-03	Assurance Technology for Autonomous Decentralized Train Control System Tsuyoshi SUZUKI, Takashi KAWANO, Masayuki MATSUMOTO, Yoshihide NAGATSUGU
	A-04	Design and Performance Evaluation of a Service-Oriented Robotics Application Yinong Chen, Ashutosh Sabnis, and Marcos Garcia-Acosta
12:40 - 13:30		Lunch Break
13:30 - 15:00	Section 3	Architecture, Chair:
	A-17	A Proposal of flexible railway signalling system utilizing autonomous decentralized technology Takashi Kunifuji, Tadao Miura, Jun Nishiyama, Kinji Mori
	A-09	Design of a Contract-Based Web Services QoS Management System Gwyduk Yeom, Wei-Tek Tsai, Xiaoying Bai, Choong-Kyo Jeong
	A-10	An adaptive transmission power control for hierarchical routing in mobile ad hoc networks Ryotaro Oda, Tomoyuki Ohta and Yoshiaki Kakuda
15:00 - 15:20		Coffee Break
15:20 - 16:50	Section 4	Clustering, Chair: Jianli Sun
	A-07	An Index Clustering and Mapping Algorithm for Large Scale Astronomical Data Searching Xiaokang Liu, Zhihui Du, Yinong Chen, and Mei'e Dai
	A-18	Rapid Provisioning of Cloud Infrastructure Leveraging Peer-to-Peer Networks Zhijia Chen, Yang Zhao, Xin Miao, Ying Chen, Qingbo Wang
	A-12	An adaptive inter-cluster data forwarding configuration mechanism for hierarchical multicast routing protocol in mobile ad hoc networks Izumi Yamamoto, Tomoyuki Ohta, Yoshiaki Kakuda
16:50 - 17:00		Closing Remarks: Yoshiaki Kakuda