Message from General Chair

Welcome to the 12th IEEE International Symposium on Autonomous Decentralized Systems (ISADS 2015). ISADS 2015 has been a major international event in which researchers can exchange information regarding advancements and innovations in ADS concepts, technologies, and applications strategic issues. Moreover, we will have a special topic on the evolving systems for next generation social infrastructures this year.

ISADS 2015 covers broad and diverse topics, including: Ad-hoc networks and sensor networks, Advanced network infrastructures and internetworking, Assurance, fault tolerance, on-line expansion, on-line-maintenance, and resilience, Autonomous and decentralized services, including service architecture, protocols, and collaboration, Cloud computing and big data analysis, Distributed and collaborative development, test and maintenance, and development infrastructure of high-quality software systems, cloud computing, and service-oriented architecture, Heterogeneous distributed information / control systems, Mobile agent / computer-supported cooperative works, Model driven development, Modeling and simulation of autonomous services and service-oriented application composition, Network and system security and safety, Novel applications, including e-business, e-commerce and e-government, telecommunications; information service systems; manufacturing systems; real-time event management; office automation; traffic and transportation control; supply chains; environmental/emergency protection; networked health and medical systems; intelligent home control; embedded systems for automotive and avionics applications, Service-oriented architecture, design patterns, and application frameworks, Technologies and applications to promote transformation of social infrastructures, including the smart grid, environment management, resilience of system, Internet of Things, autonomous car and train, communication among the mobiles, and Web services and Web-based application composition.

The success of an international conference such as this depends greatly on the involvement of many individuals. I would like to thank the committee members, especially Steering Committee Chair Kinji Mori; Honorary Chairs Chung-Laung Liu, Qiang Lu, Qingquan Qian; Program Co-Chairs Yinong Chen, Min-Shiang Hwang, Hidenori Nakazato and Ilja Radusch; Local Arrangements Anthony Y.H. Liao; Finance Chair Rouh-Mei Hu; Finance Co-Chair Rong-Ming Chen; Workshop Committee Chair Wen-Chung Shih; Proceedings and Publication Chair Wen-Thong Chang; Registration Chair Han C.W. Hsiao; Web Chair Edgar Chia-Han Lin and Secretary General Chun-Ming Chang.

I hope that you will have a great time at ISADS 2015.

Jeffrey J.P. Tsai, Asia University, Taiwan

General Chair ISADS 2015