Preface

Welcome to the IEEE International Workshop on Wireless Communications in Distributed Sensor Networks (WCDSN-2006) held in conjunction with The IEEE International Conference on Sensor Networks, Ubiquitous, and Trustworthy Computing (SUTC-2006) in Taichung, Taiwan. WCDSN 2006 is a forum to exchange ideas, discuss solutions, and share experiences among researchers, professionals, and application developers both from industry and academia. It will provide a unique opportunity to obtain an insight on technical challenges and latest developments in wireless communication and distributed sensor network technology.

In the emerging era of ubiquitous computing, the demand for wireless communication technology will be growing even faster than now. Miniaturization of computing devices, and advances in wireless communication have fueled interest in the development of large-scale distributed wireless sensors networks (WSNs) in many fields such as medical diagnosis, environmental monitoring and industrial applications. This workshop will provide the participants the opportunity of sharing the latest developments of research ideas, results and experience in wireless communication and sensor network technology.

The program committee would like to thank all those who submitted papers for consideration. The workshop received a large number of submissions from Asia Pacific and North America. All submissions were carefully reviewed at least three committee members and external reviewers, and we finally decided to accept 13 papers for presentation at the workshop. We are very grateful to the many colleagues who helped in organizing the conference. In particular, we would like to thank the members of the WCDSN-06 Program Committee.

WCDSN-2006 Workshop Organizers

Workshop Co-Chairs
• Dr. Hesham Ali, Department of Computer Science, University of Nebraska at Omaha, USA
• Dr. Jon Youn, Department of Computer Science, University of Nebraska at Omaha, USA

Program Committee
Chair: Dr. Hamid Sharif, Dept. of Computer & Electronics Engineering, University of Nebraska at Lincoln, USA

• Dr. Hsiao-Hwa Chen, National Sun Yat-Sen University, Taiwan
• Dr. Jeong Hun Choi, Korea Polytechnic University
• Dr. Jitender Deogun, University of Nebraska at Lincoln, USA
• Dr. Seong-Dong Kim, Korea Electronics Technology Institute (KETI)
• Dr. Yoshikuni Onozato, Gunma University, Japan
• Dr. Stephan Olariu, Old Dominion University, USA
• Dr. Seungjin Park, Merrimack College, USA
• Dr. Shigeru Shimamoto, Waseda University, Japan
• Dr. Li-Chun Wang, National Chiao Tung University, Taiwan
• Dr. Chulho Won, University of Nebraska at Omaha, USA