

Report on the Third IEEE Conference on Industrial Electronics and Applications

(ICIEA 2008)

GENERAL INFORMATION

The IEEE Conference on Industrial Electronics and Applications (ICIEA) is an annual event. The Conference has been co-organized by the Industrial Electronics (IE) Chapter of IEEE Singapore Section and technically co-sponsored by the IEEE Control Systems Society and IEEE Industrial Electronics Society. The conference will serve as an exciting major forum for scientists, engineers and practitioners throughout the world to present and discuss the latest technology advancement as well as further trends and needs in Industrial Electronics. Conference scope covers all areas of the theory and methods of electronics, control, systems, instrumentation for industrial applications. In addition to the technical sessions, there will be plenary sessions.

The first ICIEA was held in 2006 in Singapore. The second ICIEA was held in 2007 in Harbin, China. The third ICIEA was successfully held in Singapore from 3rd June to 5th June 2008. The conference venue was the Holiday-Inn, located at the center of Singapore.



Opening ceremony of ICIEA 2008

TECHNICAL PROGRAM

The conference received an overwhelming response with a total of 1170 submissions from 32 countries/regions including Australia, Canada, Chinese Mainland, France, Hong Kong, Iran, Japan, Korea, New Zealand, Singapore, Taiwan, United Kingdom, United States and so on. 460 people from about 28 countries/regions attended the conference. Five special invited talks were arranged in three sessions as well.

In addition to the normal technical sessions, the technical program also includes three keynote speeches. The three keynotes were “*Energy Environment and Process Automation*” delivered by Samad Tariq, The Honeywell Automation and Control Solutions, USA, “*Power Factor Compensation for Electrical Circuits: A Framework for Analysis and Design in the Nonlinear Nonsinusoidal Case*” by Ortega Romeo, LSS-Supelec, France and “*Decision and Control in Supervisory Discrete Event Systems: Applications to Condition-Based maintenance*” by Frank Lewis, The University of Texas at Arlington, USA.

All sessions, including plenary sessions, semi-plenary sessions, oral sessions and poster sessions, were extremely well attended and produced active discussions. The conference banquet, which included entertainment, was held on the evening of 4th June 2008.

A CD-ROM containing preprints of all the papers presented at the conference was provided to each registered delegate. The official conference proceedings has been published by IEEE and included in the IEEE Xplore Database.



Samad Tariq delivering his plenary talk



Ortega Romeo delivering his plenary



Frank Lewis delivering his plenary talk



During plenary sessions



Banquet of ICIEA 2008 and the performances



Banquet of ICIEA 2008 and performances (cont.)

The IEEE ICIEA 2009

The fourth IEEE ICIEA will be held in Xi'an, China in 25 – 27 May 2009. For more updated information, please visit the conference website <http://www.ieeeiciea.org>

IEEE ICIEA'2008 General Chairman Fang Lin Luo
IEEE ICIEA'2008 Advisor Changyun Wen