

THE 5TH INTERNATIONAL CONFERENCE ON ENTERPRISE SYSTEMS ES2017

22-24 SEPTEMBER 2017, BEIJING, CHINA

Special Session on “Intelligent Equipment Modeling, Informatics and Control” Call for Papers

Intelligent equipments, with the functions of perception, analysis, reasoning, decision-making, and control, are the perfect fusion of mechatronics (hardware) and artificial intelligence (software). Intelligent equipments are characterized by: self-discipline, human-computer interaction ability, modeling and simulation ability, reconfigurable and self-organizing ability, learning ability, and self-maintenance ability. The future features of intelligent equipments are precision, automation, information, flexibility, integration, and green.

This session targets at all four steps of engineering process with intelligent equipments, i.e. modeling, control, evaluation, and applications. Topics of interest include but are not limited to:

- System modeling and optimization
- Artificial Intelligence and autonomous systems
- Nondestructive testing technologies for equipment manufacturing
- Intelligent sensing and information fusion
- Robotics and logistics for industrial automation
- Advanced control for servo systems

Submission

When you submit your paper, please select this section in the submission system.

Principal Organizer:

Prof. Dr.-Ing. Fengxiang Wang (email: fengxiang.wang@fjirms.ac.cn) Affiliation: Haixi Institutes, Chinese Academy of Sciences

Organizers:

Prof. Dr.-Ing. Houde Dai (email: dhd@fjirms.ac.cn) Affiliation: Haixi Institutes, Chinese Academy of Sciences

Dr.Xian Wei (email: xian.wei@tum.de) Affiliation: Technical University of Munich, Germany

Important Dates:

Submission deadline: May 31, 2017 (passed)

Notification of acceptance: July 7, 2017

Final manuscript due: July 31, 2017

Registration due: Aug. 22, 2017

Note: the special sessions apply the same deadlines and submission instructions, please check the updated deadline at <http://www.ie.tsinghua.edu.cn/es2017> .