

THE 5TH INTERNATIONAL CONFERENCE ON ENTERPRISE SYSTEMS ES2017

22-24 SEPTEMBER 2017, BEIJING, CHINA

Special Session on “Cloud Manufacturing and Industrial 4.0” Call for Papers

Cloud manufacturing is emerging as a new manufacturing paradigm as well as an integrated novel technical approach towards Industry 4.0. As a smart networked manufacturing model, Cloud manufacturing allows manufacturing companies to virtualize manufacturing resources and capabilities into Cloud and offer them as on-demand Cloud services over the Internet, aiming at meeting growing demands for mass customization, broader global cooperation, knowledge-intensive innovation and increased market-response agility. By integrating a wide range of technologies, e.g., Industrial Internet, cyber-physical systems, industrial big data, collective Intelligence, industrial cyber security, and Cloud computing, Cloud manufacturing is changing the landscape of manufacturing industry. This symposium focuses on all of these key technologies in Cloud manufacturing. Topics of interest include but are not limited to:

- Cloud platform and architecture design
- Intelligent perception for industrial terminals
- Cloud manufacturing resource virtualization and servicelisation
- Industrial Internet of Things and Cyber-Physical Systems
- Industrial Big Data
- Edge computing
- Cloud control and intelligent decision
- Industry cyber security
- Industrial virtual reality and Human-Machine Interfaces
- Artificial Intelligence and collective Intelligence in Cloud manufacturing
- Systems and industrial case studies

Submission

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

Principal Organizer:

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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> .