### Special Session Call for Papers

**SMC 2018 Special Session on Industry 4.0**

**Introduction/Call for Papers**

Rapid advances in industrialization and informatization methods have spurred tremendous progress in developing the next generation of manufacturing technology. Today, we stand on the turning point of the Fourth Industrial Revolution. In 2013, among one of 10 “Future Projects” identified by the German government as part of its High-Tech Strategy 2020 Action Plan, the Industry 4.0 project is considered to be a major endeavor for Germany to establish itself as a leader of integrated industry. In 2014, China’s State Council unveiled a ten-year national plan, Made in China 2025, which is designed to transform China from a manufacturing giant to a world manufacturing power. “Made in China 2025” is an initiative to comprehensively upgrade the Chinese industries including the manufacturing sector. In Industry 4.0 and Made in China 2025, many applications require a combination of recently emerging new technologies, which is giving rise to the emergence of Industry 4.0. Such technologies can originate from different disciplines including IoT, Cloud Computing, Cyber Physical System, Industrial Integration, Enterprise Architecture, SOA, Business Process Management, Industrial Information Integration, Blockchain, and others. At present, the lack of powerful tools still poses a major obstacle to exploiting the full potential of Industry 4.0. In particular, formal methods and systems methods are crucial for realizing Industry 4.0, which poses unique challenges. This special session is focused on the development, adoption and application of emerging ICT solutions for new generation manufacturing.

### Indicative Topics/Areas

- Industry 4.0
- Made in China 2025
- IoT
- Cyber Physical Systems
- Cloud Computing
- Blockchain
- RFID
- Industrial Information Integration
- ICT Infrastructure to bridge the physical world and virtual space
The special session organized by TC EIS is submitted to Section: A
A: Systems Science & Engineering
B: Human-Machine Systems
C: Cybernetics

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<th>Important Dates</th>
<th>Submission</th>
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<td>March 31, 2018: Deadline for submission of full-length papers to special sessions.</td>
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<td>June 30, 2018: Acceptance/Rejection Notification.</td>
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<td>July 31, 2018: Final camera-ready papers due in electronic form.</td>
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Submission
Manuscripts for a Special Session should **NOT** be submitted in duplication to any other regular or special sessions and should be submitted to SMC 2018 main conference online submission system on SMC 2018 conference website.

All submitted papers of Special Sessions have to undergo the same review process (three completed reviews per paper). The technical reviewers for each Special Session paper will be members of the SMC 2018 Program Committee and qualified peer-reviewers to be nominated by the Special Session organizers.