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## Special Session Call for Papers

### SMC 2016 Special Session on Big Data Analytics in Industrial Integration

#### Special Session Chair

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#### Introduction/Call for Papers

According to Siemens, industrial integration brings together the virtual and real worlds, taking a holistic view of the entire product development and production process that enhances efficient production in each process step – from product design to production planning, engineering, production execution and up to services. Industry Information Integration Engineering (IIIE), as a scientific sub-discipline, is a set of concepts and techniques that facilitate the industrial integration process.

As an interdisciplinary discipline, IIIE interacts with scientific disciplines such as mathematics, computer science, and almost every engineering discipline among the twelve engineering disciplines defined by the US National Academy of Engineering.

Big Data has fundamentally changed the ways in which data are collected, processed, and analyzed in large scale industrial integration. This special session calls for innovative research on big data in industrial integration.

#### Indicative Topics/Areas

- Industrial Integration
- Industrial Informatics
- Enterprise Systems
- IoT
- WSN
- Big Data Analytics
- Engineering Informatics

#### The special session organized by TC EIS is submitted to Section: A

**A:** Systems Science & Engineering  
**B:** Human-Machine Systems  
**C:** Cybernetics

#### Important Dates

**March 31, 2016:** Deadline for submission of full-length papers to special sessions.

**June 30, 2016:** Acceptance/Rejection Notification.

**July 31, 2016:** Final camera-ready papers due in electronic form.

#### 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 2016 main conference online submission system on SMC 2016 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 2016 Program Committee and qualified peer-reviewers to be nominated by the Special Session organizers.