

IEEE INTERNATIONAL CONFERENCE ON INDUSTRIAL INFORMATICS INDIN'16

18-21 JULY 2016, FUTUROSCOPE-POITIERS, FRANCE

Special Session on

“Monitoring, Diagnostic and Prognostic Methods and Industrial Applications”

Organized by

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Call for Papers

Theme (100 words):

Industrial systems, such as aero engine, power network, chemical automation process, renewable energy systems, and so forth, are safety-critical systems. Therefore, there is an ever-increasing demand to provide a high-level system reliability and safety for practical engineering systems by implementing real-time monitoring, fault diagnosis, prognosis and tolerant control and management. This special session aims to provide a platform for the researchers and participants from both academic community and industrial sectors to report recent research and application progress in the field of condition monitoring, fault diagnosis, fault prognosis, tolerant control and their applications.

Topics of interest include, but are not limited to:

- Model-based monitoring and fault diagnosis methods
- Signal-based monitoring and fault diagnosis methods
- Data-driven monitoring and fault diagnosis methods
- Advanced fault prognosis methods
- Emerging monitoring and fault diagnosis techniques
- Tolerant control and management

- Real-time implementation of monitoring, diagnosis and tolerant control in practical applications

Submission procedure, deadlines, and author instructions:

Prospective authors are invited to visit the conference website:

<http://ieee-indin2016.sciencesconf.org/>

Deadlines:

- Reception of full paper: January 1st 2016
- Paper acceptance notification: April 10th, 2016
- Camera ready paper reception: May 1st , 2016