

2017 IEEE International Conference on Industrial Informatics

Special Session/ Organized Session on

“Monitoring, Diagnosis, Prognosis and Tolerant Control Methods and Applications”

organized by

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Call for Papers

Theme:

Industrial systems, such as aero engine, power network, chemical automation process, wind turbine 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:

- Advanced monitoring and fault diagnosis methods
- Advanced fault prognosis methods
- Remaining use life prediction
- Tolerant control methods
- Health monitoring and management for industrial systems
- Real-time implementation of monitoring, diagnosis and tolerant control in practical applications

Submissions Procedure: All the instructions for paper submission are included in the conference website <http://www.indin2017.i2ar.de>

Deadlines:

Deadline for special sessions proposals	February 17, 2017
Deadline for submission of papers:	March 28, 2017
Notification of acceptance of papers:	May 5, 2017
Final manuscripts due:	June 02, 2017