

2019 IEEE International Conference on Industrial Informatics (INDIN'19)

Special Session/ Organized Session on

“Monitoring, Diagnosis, Prognosis and Resilient 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 resilient 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, resilient control and their applications.

Topics of interest include, but are not limited to:

- Model-based monitoring and fault diagnosis methods
- Knowledge-based monitoring and fault diagnosis methods
- Signal-based monitoring and fault diagnosis methods
- Prognosis methods and remaining use life prediction
- Resilient control methods
- Health monitoring and management for industrial systems

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

Submissions Procedure and Deadlines: All the instructions for paper submission are included in the conference website <https://www.indin2019.org/>