**IEEE INTERNATIONAL SYMPOSIUM ON INDUSTRIAL ELECTRONICS ISIE'18**

**12-15 JUNE 2018, CAIRNS, AUSTRALIA**

**Special Session on**

**Condition Monitoring and Edge Computing Services for Industrial Systems**

*Organized by*

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*Call for Papers*

Theme:

The increasing adoption of the "Internet of Things (IoT)" has greatly promoted the development of advanced condition monitoring and edge computing technologies, aiming at continuously severing real-time and intelligent decision support services in the complex industrial environment.

This special session aims to present the scientific and industrial community's contributions in regard to the enhancement of reliability and availability in industrial systems, by means of real-time condition monitoring, diagnosis and health management, and edge computing at the edge of the industrial network. Both original practical works and review papers are welcome.

Topics of interest include, but are not limited to:

- Remote Online Condition Monitoring
- Signal Processing and Image Processing
- Hybrid Diagnostic Systems for Industrial Systems
- Edge Computing-based IoT Data Management
- Edge Computing-based  IoT Device and Resource Management
- IoT-enabled Edge Computing
- Edge Computing-based IoT Infrastructure and Framework
- Use Cases and Applications of Industrial Systems

All the instructions for paper submission are included in the conference website: http://www.ieee-isie2018.org