

# **2021 IEEE International Conference on Industrial Informatics (INDIN2021)**

**Special Session on**

**SS 10 – Industrial Electronics Trends in Interoperability, Systems  
integration and Standards**

**organized by**

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## **Call for Papers**

In today's high technology advances in industrial society, the international scientific community focuses on a rich set of industrial electronics fields of interest, delving into applications verticals such as Internet of Things, cyber-physical systems, advanced industrial automation, autonomous transportation, smart cities, smart power grids and many more, that is ripe for cross disciplinary technologies, interoperability and integration systems. From these inter-disciplinary approaches, standards are often generated to assist with ease of use, standard methodologies and reduced costs. It is with this focus that this special session will cover these areas of development within the technological realm of industrial electronics.

This special session is seeking practitioners and scholars to share present developments in standards within industrial electronics and practical compliance platforms that seeks to provide standards compliance service offerings to industry for development in interoperability, systems compliance and compatibility.

Topics will include, but not limited to:

- Recommended practices and developments in standards and interoperability in the industrial electronics fields of interest
- Verifiable approaches in standards development and services to potential industrial partners for conformance testing and interoperability for product development and systems integration
- Standards, test, and certification
- Embedded systems and hardware/software design and implementation
- Security issues
- System integration and interoperability
- New educational technologies for standards development

**IEEE IES Technical Committee Sponsoring the Special Session:**

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