

**Call for Papers for the Special Session on**

**Networked Intelligent Measurement and Control for Cyber-Physical Systems**

**Organized and co-chaired by**

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**Technical Outline of the Session and Topics**

Cyber-Physical Systems (CPSs) can achieve intelligent perception, real-time decision-making and collaborative control, which have been employed in some fields such as smart energy, industrial internet and smart unmanned systems, etc. However, due to deep fusion with computing, communication, and control, it will bring networked delay, data packet loss and even data security threats, leading to system performance degradation and even instability. Therefore, this special session focuses on the research and application of networked distributed intelligent measurement and control methods in CPSs, which will promote the development of CPSs towards higher levels of intelligence and autonomy through AI, network security and other new methods. This special session will bring together the scholars and engineering experts from the fields of networked control systems, artificial intelligence and application fields, who will jointly discuss the latest theoretical progress and engineering applications. Meanwhile, this special session closely aligns with the core goals of IECON 2026, promoting theoretical innovation and technological application in areas such as industrial intelligence, smart energy, and intelligent unmanned systems, etc.

**Topics of the session include, but are not limited to:**

- Triggered mechanisms for networked systems
- Information fusion in networked systems
- Data security in networked systems
- State estimation in networked systems
- Distributed intelligent control in networked systems
- Distributed cooperative control in networked systems
- Distributed secure control in networked systems
- Applications of networked distributed intelligent measurement and control in smart energy, industrial internet, and intelligent unmanned systems, etc

**Timeline for Authors**

All the instructions for paper submission are available on the conference website. Please visit [www.iecon2026.org](http://www.iecon2026.org) or scan the QR code for the timeline.

