

# CALL FOR PAPERS



## Special Session on Smart Technologies and Case Study for Industrial Applications and Safety

IECON 2018 - The 44<sup>th</sup> Annual Conference of the IEEE Industrial Electronics Society  
October 21-23, 2018, Washington D.C, USA



### TOPIC OF THE SPECIAL SESSION

Industry 4.0 refers to the integration and convergence of communication technologies, information and industrial production. One of the advantages of Industry 4.0 is that it bridges industrialists and academia together and bring intelligence and connectivity together. As such, the production efficiency will be enhanced, and a sustainable industrial development will be achieved. The futuristic industrial applications concern about automation, efficiency and safety. Smart technologies, such as artificial intelligent, control schemes, and monitoring networks, are in demand to address all those concerns. Also, case studies (in forms of simulations, experiments, and practical implementations) are essential to risk analysis and management of industrial safety. This special session focuses on this discipline and invites all researchers and experts to share their contributions.

#### Topics of the Session

- Design of control algorithms and schemes
- Modelling system reliability and robustness
- Case study of industrial systems and applications
- Risk analysis and management for industrial safety
- Technologies for industrial environment
- Real-time monitoring and detection systems
- Artificial intelligent for industrial automation

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#### Author's schedule:

- Deadline for submission of special session papers  
May 1, 2018
- Notification of acceptance  
July 15, 2018
- Deadline for submission of final manuscripts  
August 1, 2018