

# The 46th Annual Conference of the IEEE Industrial Electronics Society



October 18-21, 2020, Marina Bay Sands Expo and Convention Centre Singapore

**Special Session on** 

### <u>"Cutting edge approaches to Human Factors in Engineering Education for</u> <u>Industrial Electronics</u>"

## Organized by

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## **Call for Papers**

Human factors are one of the important elements in engineering education and evaluation for people involved in industrial electronics for all educational platforms, such as virtual classes, online learning, virtual laboratories, and mobile learning. Exploring the best effect of human factors makes a breakthrough in technologies and systems of education. The objective of this special session is to provides people a platform for the new aspects and applications of human factors in the educational methodologies in industrial engineering as well as new-aspects-related educational tasks. The applications may affect theoretical lectures, laboratory sessions, student assessment or other aspects related to educational tasks in the referred area.

#### Topics of the Session include:

- Educational system
- Evaluation of learning outcomes
- Methodologies of Improving learning efficiency
- Human factors in education
- Human Visual Functions
- Technologies for education
- Safety management
- Usability Testing