Sensor Technologies for Gesture Recognition Applications in Shared Spaces

Guest Editors:

Prof. Dr. Olfa Kanoun
Measurement and Sensor Technology, Chemnitz University of Technology, 09126 Chemnitz, Germany

Dr. Rim Barioul
Measurement and Sensor Technology, Chemnitz University of Technology, 09126 Chemnitz, Germany

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Message from the Guest Editors

Dear Colleagues,

Gesture Recognition is a competitive field of research that allows intelligent agents to understand human body language in shared spaces. It is based on sensor technologies to read and interpret hand movements, grasping forces, body activities, motions and posture, and hand sign languages. Gesture Recognition integrates artificial intelligence to serve various goals of human machine interactions and human–human communication in many scenarios under the context of smart cities and hybrid societies. Sensor technologies for gesture recognition in shared spaces could serve applications such as automatic recognition of sign language, interaction of humans and robots, new ways of controlling video games, virtual reality and digital twin applications, automotive vehicles and smart traffic among others. Potential topics include but are not limited to:

- Wearables and IoT for gesture recognition
- Gesture recognition sensor technologies
- Sensors and Myographic measurement methods for gesture detection
- Wearable sensors for human tracking and Gait analysis
- etc

Special Issue

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

Message from the Editor-in-Chief

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