CALL FOR PAPERS

Special Session on Human-System in Smart Environments

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

TOPIC OF THE SPECIAL SESSION

The organizers propose a Special Session to discuss recent topics focused on Human-System Interaction in smart environments. Smart devices, robots, rehabilitation devices, and autonomous vehicles are only a few examples of smart objects that offer new possibilities to develop innovative interaction techniques. Such new possibilities as well as related requirements are especially important for smart spaces like smart homes, smart hospitals, etc. The rapid development of intelligent technologies requires a fast response of the research community. Therefore, the organizers invite researchers, professionals and students to discuss latest Human-System Interaction advancements.

Topics of the Session

- Interaction Methods for Autonomous Cars and Vehicles
- Driver-Car Interaction and contactless monitoring of a Driver in Assisted Driving
- Interaction Techniques for Smart Homes
- Human System Interaction in Smart Cities
- Gestures and Smart Devices
- Human-Robot Interaction and Robot-Robot Interaction
- Modern Interaction Methods in Health Industry
- Patient-Device Interaction in Rehabilitation and Tele-rehabilitation
- Interaction Techniques in Serious Games Industry
- Deep Learning for Human System Interaction
- Applications of Human System Interaction Techniques in Industrial Systems and Processes……

ORGANIZED AND CO-CHAIRED BY

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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

For additional information please visit www.iecon2018.org