

## Special Issue

# Human Computer Interaction and Its Future

### Message from the Guest Editor

As our computers and mechatronic systems become more sophisticated, our interactions, problems, and solutions to these problems grow in complexity. A myriad of technical, personal, and societal difficulties have given rise to a myriad solutions and areas of research to address the difficulties, which often give rise to entirely novel solutions and even new fields of research.

The main aim of this Special Issue is to seek high-quality submissions that highlight emerging methods of identifying the nature of human-machine interaction, quantitatively and qualitatively evaluating the relative risks and merits of the interaction, and studying the possible solutions.

Topics of interest include, but are not limited to, the following:

- Direct human-machine interface: ergonomics, safety, and emerging solutions
- Assistive technologies
- Augmentative technologies
- Robotics: companion robots, workplace robots, healthcare robots, and soft robots
- Wearables: active and passive orthotics, prosthetics, exoskeletons, and wearable sensors
- Gesture recognition and virtual reality
- Social issues in human-computer interactions

### Guest Editor

Dr. Michael Wehner

Electrical and Computer Engineering, University of California Santa Cruz, Santa Cruz, CA, USA

### Deadline for manuscript submissions

closed (20 November 2021)



## Electronics

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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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