

Special Issue

Intelligent Applications of Human-Computer Interaction

Message from the Guest Editors

This Special Issue is dedicated to exploring current trends, research challenges and opportunities related to intelligent human-computer interaction from a twofold perspective. Firstly, the computational perspective, by investigating how to innovatively use artificial intelligence technologies for human-computer interaction issues. Secondly, the applicative perspective, by understanding how intelligent solutions for equipping technological devices with human communication skills can be applied to various human activity domains. Topics of interest include (but are not limited to):

- Interactive applications implementing natural and efficient intelligent interaction paradigms;
- Enhanced HCI applications applying human-centered/interactive machine learning, human-in-the-loop AI, human-AI collaboration, human-controlled autonomy and responsible AI;
- Deep-learning methods for human-machine interaction;
- Adaptivity, context sensitivity and task assistance for AI-powered user interaction.

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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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