Special Issue

Research and Application of Neural Networks in Human-Computer Interaction

Message from the Guest Editors

The multidisciplinary field of human–computer interaction (HCI) has witnessed great advancements towards intelligent, intuitive, and personalized interactive computing systems that are based on machine learning tools powered by artificial neural networks (ANNs) and deep learning architectures. The shape of tomorrow's computing systems is being built upon intelligent platforms that provide human-like expression, communication, and interaction abilities, bridging the man–machine gap with novel systems and products. Employing deep learning and various types of ANN models, future computing systems are already here, providing intuitive and natural interfaces with adaptive characteristics. This Special Issue, "Research and Application of Neural Networks in Human–Computer Interactions," aims to promote the discussion in this area of research by presenting relevant approaches, latest advancements, and solutions that fall within the scope of *Electronics* and extend the current state of the art in neural network-based human–computer interaction systems.

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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.

Editor-in-Chief

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