

Special Issue

User-Centered Interaction Design: Latest Advances and Prospects

Message from the Guest Editors

User-centered interaction design (UCID) has become a cornerstone in the evolution of human–computer interaction. As digital technologies such as artificial intelligence, virtual reality, and ubiquitous computing increasingly permeate daily life, they are reshaping how users interact with devices and services. These advanced technologies, often operating behind intuitive interfaces that employ natural human communication methods—such as voice, gestures, and emotions—make sophisticated systems more accessible and user-friendly. This Special Issue aims to explore the latest advancements in UCID, with a focus on emerging trends and design strategies that foster adaptive, personalized, and context-aware user experiences. We are particularly interested in research that integrates these technologies into designs that prioritize inclusivity, accessibility, and user empowerment.

Guest Editors

Dr. Xiaokun Wang

Dr. Yalan Zhang

Dr. Jun Zhou

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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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

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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