

Special Issue

AI-Enabled Sensing Technology and Data Analysis Techniques for Intelligent Human-Computer Interaction

Message from the Guest Editors

The convergence of user interfaces (UI) and AI has resulted in intelligent user interfaces (IUI) with enhanced flexibility, usability, and interaction. The term IUI is not new. However, with the explosion of the Internet of Things (IoT) devices surrounding the users, new sources of valuable information about users' behavior, interests, and preferences have emerged. Innovations in AI and machine learning technology can leverage such information to develop IUIs, providing increased productivity, improved efficiency, effectiveness, and naturalness of interaction. AI can be used to process the data generated during the user's interaction with the computer through smart sensing technology to recognize HCI patterns and make small changes to the UI to account for these. Such small changes will, over time, deliver the ideal user interface adapted to the individual's needs and preferences. For more information, please visit: mdpi.com/si/77814

Guest Editors

Dr. Boštjan Šumak

Faculty of Electrical Engineering and Computer Science, University of Maribor, Koroška cesta 46, 2000 Maribor, Slovenia

Dr. Maja Pušnik

Faculty of Electrical Engineering and Computer Science, University of Maribor, Koroška cesta 46, 2000 Maribor, Slovenia

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

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Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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