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Sensors and Machine Learning Methods Applied to Human-Computer Interaction

Guest Editors:

Message from the Guest Editors

Dr. Francisco Gomez-Donoso

Prof. Dr. Miguel Angel Cazorla

Dr. Félix Escalona Moncholí

Dr. Sergio Orts-Escolano

Deadline for manuscript submissions: closed (30 September 2021) Recent advances in machine learning, deep learning techniques, and sensors are greatly impacting how humans and computers and robots interact. For instance, surface electromyography sensors combined with deep-learning-based algorithms are currently being used to operate robotic prosthetic limbs or 3D pose estimation methods to control an avatar in Virtual Reality. Thus, the combination of sensors and machine learning techniques is enabling a range of novel and interesting applications.

This Special Issue is intended to cover cutting-edge applications and research on new sensors, machine learning methods or their combination to perform humancomputer and human-robot interaction. We strongly encourage the submission of papers focusing on the keywords below, but works on related topics will also be considered.









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Editor-in-Chief

Message from the 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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Sensors Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/sensors sensors@mdpi.com X@Sensors_MDPI