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Advances in Design and Integration of Wearable Sensors for Ergonomics

Guest Editors:

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Deadline for manuscript submissions:

closed (28 February 2022)

Message from the Guest Editors

This Special Issue “Advances in the Design and Integration of Wearable Sensors for Ergonomics” aims to highlight several of the latest developments in this specific field. Both research papers and review articles will be considered. We welcome submissions spanning topics across the design of novel sensors or wearable technologies and the development of any novel methodology aiming to integrate quantitative physiological and environmental information for those that are the main goals of the ergonomics.

Keywords: Wearable devices and systems; Wearable for ergonomics; Activity monitoring devices and systems; Novel methods and systems for integrated ergonomic assessment; Sensors for wellbeing; Novel design approaches for ergonomic assessment; Machine learning and deep learning for wearable data analysis; Experiment design; Autonomous activity recognition; Monitoring human-environment interaction; mHealth and/or eHealth solutions for ergonomics; Smart glasses, wearable imaging, projection devices; Virtual reality and/or augmented reality and/or mixed reality; Ergonomics knowledge representation and reasoning; Health data acquisition, analysis and mining.



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Special Issue



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Message from the Editor-in-Chief

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