



Inertial Sensing of Human Movement and Physiological Function

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Message from the Guest Editor

Dear Colleagues,

Since the development of low-cost, commercial MEMS inertial sensors thirty years ago, there has been a rapid growth of research and development in the application of these sensors in health and wellness and sport and exercise.

More and more inertial sensor data are being processed and analyzed using machine learning and artificial intelligence techniques with the growth of data and high-speed communications and these techniques are enhancing performance, making new applications possible.

With telemedicine being fast-tracked worldwide due to the COVID-19 pandemic, more use of inertial sensing in a telemedicine/connected health context is occurring as a means to autonomously track different aspects of human movement and physiological function in the context of assessing the effectiveness of clinician prescribed therapeutic programs.

This Special Issue invites articles featuring original research, as well as review papers covering the full gamut of the application of inertial sensing in human movement and physiological function.

Prof. Dr. Gearóid ÓLaighin

Guest Editor





sensors



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Message from the Editor-in-Chief

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