Special Issue

Seating Comfort and Biomechanical Application

Message from the Guest Editors

The need for a better living environment has increased due to an increase in the amount of time spent at home working at a desk as a result of the spread of remote work. The importance of improving the comfort of chairs and indoor environments has increased significantly.On the other hand, the health effects of continuous sitting posture have also become a topic of discussion. In addition, the comfort of vehicles is also undergoing reconsideration, as automatic driving technology is converting drivers into passengers.Furthermore, new forms of mobility, such as new types of aircraft and small mobility vehicles, are being born. In other words, a paradigm shift in seating is in motion. In this Special Issue, we would like to focus on the latest research results on sitting comfort and research methodologies, especially the application of biomechanics. In comfort research, many new methods have been developed that are not only based on conventional methodologies but also on small wearable sensors, image recognition, and many other classical methods. In addition, more detailed human body models, personalized models, and open-source analysis systems have been developed.

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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