

# Special Issue

## Selected Papers from the BioMedEng21 Conference

### Message from the Guest Editors

This Special Issue will comprise selected papers from BioMedEng21, the largest gathering of Biomedical Engineers, Medical Engineers, and Bioengineers in the UK, which will be held at the University of Sheffield on 6–7 September 2021. Following BioMedEng21, we will organise a Special Issue, soliciting the submission of papers focusing on image and signal processing, diagnostics, devices, and Sensors, in silico modelling, biomaterials, and tissue engineering. More specifically, the Special Issue will cover the topics specified below:

- Image and signal processing;
- Neuromotor assessment;
- Diagnostics, devices, and sensors for cardiovascular and respiratory applications;
- Methods and devices for biomechanical assessment chairs;
- In silico modelling;
- Cardiovascular mechanobiology;
- Devices and biomaterials;
- Biomaterials and tissue engineering;

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### Guest Editors

Prof. Dr. Gwendolen Reilly

Dr. Betül Aldemir Dikici

Dr. Serkan Dikici

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### Deadline for manuscript submissions

closed (20 January 2022)



## Applied Sciences

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## About the Journal

### Message from the Editor-in-Chief

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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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
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