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## Control and Automation

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Deadline for manuscript  
submissions:

**closed (31 December 2020)**

### Message from the Guest Editors

Dear Colleagues,

A wide range of ongoing work in the areas of controller design and information engineering reveals that the pace of technological change in this domain seems to be accelerating. The focus is on futuristic segments ranging from robotics and genomics to chemical feedstock and electrical storage.

The primary objective of this Special Issue is to provide a forum for researchers and practitioners to exchange their latest theoretical and technological achievements and to identify critical issues and challenges for future investigation on the advanced automation and control techniques based on information system technologies. Topics include but are not limited to the following research areas: Frontiers in control engineering;

- Advanced control of industrial processes;
- Fault diagnosis and fault-tolerant control;
- Modeling and control in biochemical and medical systems;
- Advanced software engineering in automation;
- Artificial intelligence-based control.

Dr. Cristina-Ioana Mureşan  
Prof. Dr. Eva-Henrietta Dulf  
Guest Editors



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# Special Issue



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## 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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