# Special Issue

# Recent Advances in Flow Control

### Message from the Guest Editors

Flow control technology currently plays important roles in many areas, working in fluid power transmission approaches to drive and control machine motions, realizing fluid medium delivery for chemical reaction systems and energy networks, in microfluidic control for labs-on-chips, and providing fabrication processes for semiconductor manufacturing and bio-manufacturing, among others. Wider applications lead to new technical developments. In recent decades, new technologies have been developed to make flow control parts and systems more intelligent, energy saving, lightweight and flexible. Additionally, new technologies applicable to higher pressure and higher flow rate situations, extremely small micro-channels, ultra-clean fluid media, and with better biocompatibility have been extensively developed to support new applications. This Special Issue of *Applied Sciences* will consider papers that present new advances in flow control knowledge, technology, and research methodology. Special Issue Link:
https://www.mdpi.com/journal/applsci/special_issues/advances_flow_control

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### Deadline for manuscript submissions

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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.

## Editor-in-Chief

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