

Special Issue

10th Anniversary of *Processes*— Recent Advances in Process Control and Monitoring

Message from the Guest Editors

This Special Issue aims to collect up-to-date and high-quality studies in the area of process control and process monitoring. Case studies and new applications in the context of green transitions are welcomed together with simultaneous process optimization and control for the recovery of high-added-value compounds. Contributions are encouraged to quantify how the proposed solution contributed to reducing wastes, emissions, and carbon footprints, and more generally how they positively contribute to the sustainability of the process. Topics of interest include, but are not limited to, the following:

- Advanced control algorithms;
- Closed-loop performance monitoring;
- Robust control;
- Optimization-based control;
- Plant-wide control;
- Controllability analysis;
- Energy saving and waste reduction in production processes through control design;
- State estimation;
- Data-driven approaches for process control and monitoring.

Guest Editors

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Dr. Massimiliano Errico

Dr. Riccardo Bacci di Capaci

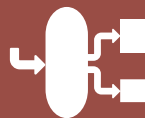
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Deadline for manuscript submissions

closed (20 July 2024)



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About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

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