

## Special Issue

# Modeling, Simulation and Control of Chemical Processes

### Message from the Guest Editors

This Special Issue on “Modeling, Simulation and Control of Chemical Processes” seeks high quality works focusing on the latest novel advances regarding the development, implementation, and use of mathematical procedures for modeling, monitoring, control, and optimization of chemical plants. Topics include, but are not limited to, the following:

- First-principles modeling of chemical processes and use in real-time applications;
- Development and implementation of data-driven procedures for monitoring, control, and optimization of chemical processes;
- Development and implementation of advanced model-based and data-driven control procedures;
- Use of model-based and data-driven procedures for identification and diagnosis of process faults;
- Real-time optimization of chemical processes;
- Industrial experiences related to development, implementation, and use of model-based and data-driven procedures for the improvement of the process operation.

### Guest Editors

Prof. Dr. Jose Carlos Pinto

Dr. Thiago Feital

Dr. Carlos Castor

### Deadline for manuscript submissions

closed (30 April 2019)



## Processes

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*Processes*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[processes@mdpi.com](mailto:processes@mdpi.com)

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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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### Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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