



Current Topics in Process Systems Engineering

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Message from the Guest Editors

Dear Colleagues,

Chemical engineering can be found throughout the process industries, where materials are converted based on unit operations. The complexity arises from their combinations and the process conditions. Process system engineering allows optimizing industrial plants for performance, safety, and sustainability. In this Special Issue, leading researchers in the field are invited to submit their contributions on current topics in process system engineering, a discipline that is not totally new—Prof. Roger Sargent is considered the “father” of the discipline—but is today more relevant than ever before.

Keywords

- process systems engineering
- digitization
- Industry 4.0
- process intensification
- biorefinery
- process integration
- process control





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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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