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Dynamic Modeling and Control in Chemical and Energy Processes

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Message from the Guest Editors

This Special Issue on “Dynamic Modeling and Control in Chemical and Energy Processes” aims to collect high-quality research studies addressing challenges on the broad area of process modeling and control in stand-alone or individual systems. Topics include but are not limited to the following:

- RES-based systems (solar, wind, and biomass);
- Electrochemical and H₂-based systems (batteries, fuel cells, and electrolyzers);
- (Bio)refining processes for energy, fuels, polymers, and fine chemicals;
- Biochemical reaction processes;
- Reactive separation systems;
- Distributed and off-grid energy systems;
- Process modeling, simulation, and control applications.

Deadline for manuscript submissions:

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Special Issue



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Message from the Editor-in-Chief

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