



Research on Process System Engineering

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Message from the Guest Editors

Process System Engineering (PSE) is a multidisciplinary field that focuses on the design, operation, control, and management of process systems. In recent decades, PSE has achieved major accomplishments in academia and also provided solutions for energy, economy, environment, and sustainability in the petrochemical, chemical, power, and other process industries. Undoubtedly, PSE will play an irreplaceable role in addressing the challenges in the industry of tomorrow including: digital and intelligent manufacturing. This Special Issue on “Research on Process System Engineering” invites high quality works on the recent and novel advances in the PSE theories, techniques, and applications. The topics can include, but are not limited to:

- Product and process synthesis/design;
- Process modeling, analysis, simulation, and optimization;
- Process dynamics, control, and monitoring;
- Enterprise-wide planning, scheduling, and optimization;
- Intelligent process systems and manufacturing;
- Digitalization and real-time optimization.





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Message from the Editor-in-Chief

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