Modeling, Optimization and Computational Methods for Complex Chemical Systems

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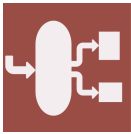
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Message from the Guest Editors

This Special Issue on "Modelling, Optimisation and Computational Methods for Complex Chemical Systems" aims to present latest novel advances in the development and application of advanced mathematical modelling methodologies, optimisation algorithms and computational methods for complex chemcial systems and to stimulate further research in this important area. Topics include but are not limited to:

- New methodologies for multiscale modelling, data-driven modelling and hybrid mechanism/data-driven modelling;
- Advanced optimisation theory, methods, algorithms and tools;
- Process-product synthesis, design, integration and intensification using state-of-the-art modelling and optimisation methods;
- Process control and operations using cutting-edge modelling techniques and optimisation algorithms;
- Industrially revelant applications of state-of-the-art models and computational methods.

Special Issue

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Message from the Editor-in-Chief

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