



Special Issue on Catalysis and Reaction Engineering

Call for Papers

Catalysis and Reaction Engineering (CRE) is a core discipline within chemical engineering that seeks to understand, control, and optimize the networks of chemical reactions that occur in systems ranging from cellular compartments to world-scale industrial facilities. It is fundamentally concerned with the design, development, and operation of chemical reactors, with a particular focus on the use of catalysts to enhance reaction rates and product selectivity. The ultimate goal of CRE is to transform raw materials into valuable products and energy in a manner that is efficient, sustainable, and economically viable. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Chemical Reaction Engineering**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **Chemical Reaction Engineering**. In this special issue, potential topics include, but are not limited to:

- Catalyst Design & Synthesis
- Reaction Kinetics & Mechanism
- Reactor Engineering & Optimization
- Advanced Catalytic Technology
- Sustainable Energy & Environmental Applications
- Electrocatalysis & Photocatalysis
- Advanced Characterization & Modeling

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Chemical Reaction Engineering**” should be selected during your submission.

Special Issue timetable:

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