

Special Issue

Catalytic Reforming and Hydrogen Production: From the Past to the Future, 2nd Edition

Message from the Guest Editors

This is the second edition of the Special Issue, "Catalytic Reforming and Hydrogen Production: From the Past to the Future, 2nd Edition". In this updated edition, we continue to highlight cutting-edge research in the field of heterogeneous catalysis, with a focus on catalytic reforming and hydrogen production. We warmly welcome submissions of original research articles and comprehensive reviews that showcase the latest advancements and insights in this dynamic research domain. Contributions may address, but are not limited to, the following key topics:

- Advanced methane conversion techniques.
- Dry reforming innovations.
- CO₂ methanation strategies.
- Hydrogen production technologies.
- The water–gas shift (WGS) reaction.
- Syngas production advancements.
- Fischer–Tropsch synthesis developments.
- Utilization of renewable feedstocks for hydrogen generation.
- Catalytic processes for ammonia decomposition.
- Integration of catalytic reforming with carbon capture and storage (CCS) technologies.

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2025)



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