

## Special Issue

# Development of Novel Catalysts for Fischer–Tropsch Synthesis

### Message from the Guest Editors

We are pleased to invite you to contribute to a Special Issue dedicated to advances in catalyst synthesis for the Fischer–Tropsch (FT) reaction. FT converts syngas (a mixture of carbon monoxide and hydrogen) to hydrocarbons and water. This century old reaction remains a hot research topic and continues to be exploited commercially to produce waxes, lubricants and fuel from natural gas, biomass, coal, landfill gas, and biogas. The latter applications have been spawned by a great awareness and attention to the environment and the contribution of methane to global warming. New catalysts improve the selectivity towards light hydrocarbons and *in silico* techniques better characterize the micro kinetics to establish a scientific rationale to improve catalyst design. We welcome in this Special Issue both theoretical and experimental original manuscripts that report new research on FT catalysts. FT application, process design and technoeconomics.

### Guest Editors

Dr. Federico Galli

Prof. Dr. Nicolas Abatzoglou

Prof. Dr. Gregory Patience

Prof. Dr. Ajay K. Dalai

### Deadline for manuscript submissions

closed (30 April 2023)



## Catalysts

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#### Editor-in-Chief

Prof. Dr. Keith Hohn

Carl R. Ice College of Engineering, Kansas State University, Manhattan,  
KS, USA

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