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Catalytic Conversion of Energy Resources into High Value-Added Products

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Deadline for manuscript submissions: closed (30 June 2020)



Message from the Guest Editors

Dear Colleagues,

We invite authors to submit original communications, articles and reviews on the application of heterogeneous catalysis in the conversion of energy resources. The overriding aim of this Special Issue is to provide a platform for researchers to present their latest progress in the development of cleaner, more efficient processes for the conversion of these feedstocks into valuable fuels, chemicals and energy. These catalytic processes include, but are not limited to, the conversion of natural gas, solid fuels (coal, biomass) and heavy liquids (petroleum vacuum residues, bio-oils).

The issue will be focus mainly on the application of conventional catalysts based on zeolites, carbon-based materials and mesoporous metal oxides and relatively less exploited catalysts based on transition metal phosphide, nitrides and carbide, ionic liquids as well as atomically dispersed catalysts, with different reactions such as reforming, hydrogenation, cracking and selective oxidation.

Dr. José Luis Pinilla Dr. Isabel Suelves Dr. Tomás García *Guest Editors*



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Message from the Editor-in-Chief

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