

## Special Issue

# Preparation, Characterization and Application of Heterogeneous Catalysts

### Message from the Guest Editor

Heterogeneously catalysed reactions are playing an increasingly important role in modern chemistry. In many areas of environmental and climate protection as well as sustainable energy supply, heterogeneous catalysts are used to make chemical processes faster, safer, more environmentally friendly and/or cheaper. As a result, the scientific search for more effective heterogeneous catalysts remains a constant task for application-oriented research. This includes further research into traditional and special methods for the preparation of metallic, oxide and multifunctional catalyst systems, the possibilities of their textural, structural and surface chemical characterization, the investigation of their activity, selectivity and long-term stability as well as the discovery of the physical–chemical aspects their mode of action. This Special Issue offers a suitable platform for catalysis researchers to report on the latest scientific findings and experiences in the development and practical use of heterogeneous catalysts.

### Guest Editor

Prof. Dr. Wladimir Reschetilowski

Fakultät Chemie und Lebensmittelchemie, Technische Universität Dresden, Helmholtzstraße 14, 01069 Dresden, Germany

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[processes@mdpi.com](mailto:processes@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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