



Catalytic Applications in Polymerization

Guest Editor:

Dr. Pavel Ivchenko

Department of Chemistry,
Lomonosov Moscow State
University, Moscow, Russia

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Message from the Guest Editor

The global strategy of resource efficiency implies the use of mankind's limited resources in a sustainable manner, while minimising the impact on the environment. Its specific embodiment allows us to create larger amounts of higher-quality materials at lower cost, to develop and use waste-free technologies, and to enhance our share of renewable raw materials. The *very idea* of catalysis inherently fits within this strategy. It is through the development of the science of catalysis that we are capable of coordinating the polymerization of α -olefins, dienes and cyclic esters, all types of metathesis polymerization, a variety of polycondensation processes, etc. Catalytic methods are invaluable in the design of new monomers and polymer microstructures and architectures. It is no exaggeration to say that polymer chemistry is inseparable from catalysis, at least in the fields of polymer design, synthesis and technology.

This Special Issue focuses on creating a multidisciplinary forum of discussion on recent advances in the use of catalysis in polymer chemistry.





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Editor-in-Chief

Prof. Dr. Alexander Böker

Lehrstuhl für Polymermaterialien
und Polymertechnologie,
University of Potsdam, 14476
Potsdam-Golm, Germany

Message from the Editor-in-Chief

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Polymers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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