

Special Issue

Catalysts for the Controlled Polymerization of Conjugated Dienes

Message from the Guest Editor

The polymerization of conjugated dienes is a domain of interest for both academic and industrial research. In a context where the control of the process is always to be improved—in terms of (but not limited to) efficiency, micro-structure, etc.—and whereas environmental concerns have, nowadays, to be taken into consideration, the development of new catalysts is still a necessary and modern challenge. This includes molecular catalysts comprising less toxic metals, as single component or as dual catalytic combinations. The implementation of the recent concepts of the field, such as coordinative chain transfer polymerization or chain shuttling polymerization, and the application to the (co-)polymerization of recently introduced bio-sourced conjugated dienes as monomers are also of high interest.

Guest Editor

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