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Catalytic Transformations for Green and Sustainable Chemistry

Guest Editors:

Dr. Tommaso Tabanelli

Dipartimento di Chimica Industriale "Toso Montanari", Alma Mater Studiorum Università di Bologna, Viale Risorgimento 4, 40136 Bologna, Italy

Dr. Nikolaos Dimitratos

Department of Industrial Chemistry "Toso Montanari", Alma Mater Studiorum-University of Bologna, Viale Risorgimento, 4, 40136 Bologna, Italy

Deadline for manuscript submissions:

closed (30 June 2020)



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Message from the Guest Editors

Dear Colleagues,

We invite the scientific community to submit contributions in the form of original research articles and review articles on solid catalysts and their applications in biomass transformation. We are particularly interested in articles describing:

- 1. Bioethanol production from biomass
- 2. Furfural transformation
- 3. Levulinic acid transformation
- 4. HMF transformation
- 5. Olefin production from biomass-derived molecules
- 6. Synthesis of organic carbonates
- 7. Deactivation studies using in situ and ex situ spectroscopic techniques
- 8. Mechanistic studies of biomass-derived oxygenates
- 9. Computational modeling and simulation of biomass-derived processes
- 10. Transfer hydrogenation processes of biomassderived molecules
- 11. Lignin valorisation
- 12. Hydrogen from catalytic reforming of biomassderived molecules

Dr. Tommaso Tabanelli Prof. Nikolaos Dimitratos *Guest Editors*







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Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

Message from the Editor-in-Chief

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