

Special Issue

Topical Advisory Panel Members' Collection Series: Deep Eutectic Systems for Green Catalysis

Message from the Guest Editors

Deep Eutectic Systems (DES) have emerged as a promising, cost-effective class of solvents with attractive and tunable properties dependent on the choice of their constituent precursors. DES have already been used in numerous fields, but the focus of this Special Issue is their application in Catalysis. Either as reaction media, catalysts, stabilizing agents, or solvents in downstream processing, DES can bring diverse benefits to the process, beyond just simply replacing volatile hazardous conventional solvents. The main objective in this Special Issue is to demonstrate recent insights on the role of eutectic mixtures in the catalytic processes (bio-, electro-, -photochemical, as well as organic and organometallic transformations), but the fundamental research aiming at a better understanding of these novel solvents nature and properties is also welcomed. We invite authors to submit comprehensive research articles, reviews, communications, or letters representing both experimental and theoretical studies.

Guest Editors

Dr. Małgorzata Zakrzewska

Laboratório Associado para a Química Verde-Rede de Química e Tecnologia, Faculdade de Ciências e Tecnologia, Universidade NOVA de Lisboa, 2829-516 Caparica, Portugal

Dr. Maja Molnar

Faculty of Food Technology Osijek, Josip Juraj Strossmayer University of Osijek, Franje Kuhača 18, 31000 Osijek, Croatia

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
catalysts@mdpi.com

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Prof. Dr. Keith Hohn

Carl R. Ice College of Engineering, Kansas State University, Manhattan,
KS, USA

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