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New Advances in Surface-Mediated Catalysis

Guest Editors:

Message from the Guest Editors

Advances in surface-mediated catalysis are needed in Dr. Francesc Viñes Solana order to progress towards greener and more sustainable Dr. Ángel Morales-García fabrication processes. Over the last few years, we have been witnessing an increase in the complexity of the Dr. José R. B. Gomes research being carried out, from ultra-high vacuum, verylow temperature, and single-crystal surfaces to more realistic conditions employing high-pressure/high-Deadline for manuscript substrates. temperature and disordered Our submissions: understanding of how the operando conditions affect the closed (31 August 2021) catalytic surfaces and the mediated reactions is of utmost importance for designing stable, long-lasting, and more efficient catalyst surfaces, i.e., catalysts that can avoid the formation of unsought intermediates and products and can work under mild conditions

This Special Issue aims to provide a complete account of recent advances in the utilization of state-of-the-art experimental and computational techniques to understand reactions occurring at catalytic surfaces. We welcome original research articles, short communications, mini-reviews, and perspective papers.



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