

Special Issue

Experimental and Theoretical Studies on Non-noble Transition Metals in Catalysis

Message from the Guest Editors

Non-noble transition metals have recently attracted special interest due to their potential as replacements for more toxic and less abundant alternatives, i.e., palladium, platinum, etc. As a result, outstanding progress has been achieved in the field of non-noble transition metal catalysis; with the advent of new reactivity modes, a growing interest in the mechanistic understanding of such transformations has emerged naturally, as well as has the necessity for more information regarding the stereoelectronic peculiarities that allow these metals to constitute such promising catalyst candidates. Therefore, in this Special Issue, we aim to collect and sort relevant scientific contributions in the field of experimental and theoretical studies on non-noble transition metal catalysts to help the scientific community understand the reactivity of the named metals and, therefore, to devise a foundation for their continuous chemical development and for exploiting their potential.

Guest Editors

Dr. Laura Estévez Guiance

Departamento de Química Física, Universidade de Vigo, As Lagoas-Marcosende s/n, 36310 Galicia, Spain

Dr. Marta Castiñeira Reis

Centro Singular de Investigación en Química Biolóxica e Materiais Moleculares (CIQUS), Universidade de Santiago de Compostela, 15782 Santiago de Compostela, Spain

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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