



The Role of Nitrogen Ligands in Catalysis

Guest Editors:

Dr. Ana Paula Da Costa Ribeiro

Centro de Química Estrutural,
Institute of Molecular Sciences,
Departamento de Engenharia
Química, Instituto Superior
Técnico, Universidade de Lisboa,
Av. Rovisco Pais, 1049-001
Lisboa, Portugal

**Prof. Dr. Luísa Margarida
Martins**

Centro de Química Estrutural e
Departamento de Engenharia
Química, Institute of Molecular
Sciences, Instituto Superior
Técnico, Universidade de Lisboa,
Av. Rovisco Pais, 1049-001
Lisboa, Portugal

Message from the Guest Editors

This Special Issue are welcome in the form of original research papers, reviews, or communications that highlight promising recent research and novel trends in the field of N ligands in catalysis. These could either encompass the (photo)catalytic transformation of various organic compounds to value-added. Reactions could be in liquid or gas phase, employing a variety of catalysts. The topic also concerns the development of new catalysts' synthetic routes for the abovementioned catalytic reactions, as well as the establishment of structure–property relationships for the understanding of the reaction mechanisms. Moreover, studies dealing with the use of physical activation methods (e.g., ultrasound, microwave, ball-milling, non-thermal plasma, UV, electrochemistry) either for selective and total catalytic reactions or for the design of N-ligands with improved characteristics and catalytic properties in view of the topic of this Special Issue are also very welcome.

Deadline for manuscript
submissions:

closed (31 December 2022)

