



Metal Complexes Containing Boron Based Ligands

Guest Editor:

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Message from the Guest Editor

Boron-based compounds have been utilized as ligands for many decades now, during which time there has been a fascinating array of compounds reported. In recent times, there have been some very exciting developments which have further reinvigorated the field. Pioneering work by outstanding leaders have led to the discovery of yet more ways in which novel boron functional groups can interact with metal centres. Alongside this, there has been a significant growth in the chemistry of metal-boryl, -borane and borohydride compounds and their interconversions via migrations of hydrogen and other groups between boron and metal centres. These have found application within element-hydrogen bond activations and ligand cooperation catalysis. The nature of the metal-boron interaction has also been of great interest. Boron-based ligands have been shown to act as X- and Z-type ligands and, in some cases, even as L-type (acting as a Lewis Base). This Special Issue aims to bring together a collection of research and review contributions highlighting recent advances in all areas involving boron based ligands. I invite you to submit your manuscript to this Special Issue.

Dr. Gareth Owen
Guest Editor





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Message from the Editor-in-Chief

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