# Special Issue

# Novel Non-Covalent Interactions

## Message from the Guest Editor

Classical non-covalent interactions, such as hydrogen bonding and π-π stacking interactions, are widely exploited in fields as diverse as crystal engineering, supramolecular chemistry and molecular biology. It is indeed well-known that molecular binding, aggregation, crystal packing and conformer stability are largely determined by such forces. Advances in computational, analytical and synthetic methodologies have allowed for the recent flourishing of inquiries into the nature and applicability of all types of non-covalent interactions. This has led to the identification of halogen bonding and anion-π interactions, and more generally to □-hole and π-hole interactions. Such newly studied interactions are often relatively weak, yet it is by now well-known that even weak interactions can be structurally and/or functionally relevant. This Special Issue of *Inorganics* aims at celebrating these recent insights with articles where novel non-covalent interactions are studied and/or used in the design of a functional molecular system.

## Guest Editor

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## Deadline for manuscript submissions

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Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

### Editor-in-Chief

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