Special Issue

Inorganic Nanoclusters: Advances in Understanding Structure and Properties

Message from the Guest Editors

Inorganic nanoclusters, typically possessing 10–1000 atoms, possess huge technological potential (e.g., catalysis, nanostructured materials) while presenting a fundamental challenge to our ability to understand inorganic materials at the smallest of scales. Both theoretical and experimental studies from a range of disciplines (e.g., physics, chemistry, nanoscience) are essential in this ongoing endeavor, and synergistic collaborations are very often required to make advances. Here, we highlight a set of representative research studies in this active field to provide a varied overview of current progress and recent breakthroughs in our understanding of the properties and structure of inorganic nanoclusters.

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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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