

## Special Issue

# Carbon Nanomaterials for Advanced Technology

### Message from the Guest Editors

We are pleased to invite you to contribute to this Special Issue of *Inorganics* titled Carbon Nanomaterials for Advanced Technology. Carbon nanomaterials have emerged over the past decades as prime candidates for novel and next-generation applications in the technological materials space. Include graphene and carbon nanotubes for nanoelectronics, carbon nanoparticles for drug delivery systems and nanodiamonds in bioimaging. Their remarkable mechanical, thermal and electronic properties have attracted broad scientific attention and can be tailored for functional applications across all dimensions. This Special Issue aims to detail a collection of original research articles and reviews that reflect recent progress into understanding, synthesizing, and applying carbon nanomaterials. Contributions concerning all kinds of carbon nanomaterials are welcome, with the focus of the employed experimental and/or theoretical techniques being the implementation of carbon nanomaterials in emerging and advanced technology. These technologies could be (but are not limited to) nanoelectronics, sensing, bioimaging, biomedicine, catalysis, mechanical reinforcement and photocatalysis.

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### Guest Editors

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Discipline of Chemistry, University of Newcastle, Callaghan, Australia

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### Deadline for manuscript submissions

closed (31 January 2025)



## Inorganics

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## About the Journal

### Message from the Editor-in-Chief

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.

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### Editor-in-Chief

Prof. Dr. Duncan H. Gregory

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