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New Science of Boron Allotropes, Compounds, and Nanomaterials

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Message from the Guest Editors

Dear Colleagues,

Boron is known to have a large number of allotropes. Boron compounds and boron nanomaterials are also known to show polymorphs because, compared to other compounds, they form a wide variety of chemical bonds with each other. Thus, there are several important research subjects in theoretical, computational, and experimental physics and chemistry. A recent example is the realization of two-dimensional planar boron nanomaterials (borophene), showing polymorphisms as expected. This Special Issue aims to provide a forum for the dissemination of the latest information on boron allotropes, compounds, and nanomaterials.

Dr. Takahiro Kondo
Prof. Dr. Iwao Matsuda
Dr. Josep M. Oliva-Enrich
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

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