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Mineralogy of Natural Graphite

Guest Editor:

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Deadline for manuscript submissions:
closed (15 December 2018)

Message from the Guest Editor

Dear Colleagues,

Composed solely of carbon, natural graphite forms in a wide variety of geological and even extraterrestrial environments, and in parallel with synthetic graphite, it also occurs in a wide assortment of morphologies, including not only tabular hexagonal crystals but also cones, spheres, pyramids, and even tubes. Although graphite has been used and studied for centuries, new studies continue to reveal surprises in regard to occurrences, morphologies, properties and applications. For this Special Issue we invite authors to submit original research spanning topics among all areas of the mineralogy of natural graphite. Topics of particular interest may include studies new or unusual graphite occurrences, morphological and structural studies of graphite crystals or aggregates, graphite nucleation and growth, microtopography of graphite surfaces due to growth or etching mechanisms, carbon isotope geochemistry of graphite, origin of large- or small-scale graphite deposits, role graphite in precious metal and gemstone deposits, extraterrestrial graphite, etc.

Prof. Dr. John A. Jaszczak
Guest Editor

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Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

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