

Special Issue

Historical Mineral Pigments, Volume II

Message from the Guest Editor

In recent decades, a great body of scientific articles has emerged in specialized literature addressing the chemical–mineralogical composition, and morphological and physical characterization of natural and (premodern) synthetic historical mineral pigments. These include metallic pigments and clay-based pigments, embedded in artistic paintings, glass, painted enamel, ceramics, textiles, beads, etc. Often, these studies are performed by interdisciplinary research teams with crucial contributions by experts from the areas of mineralogy, crystallography, and geochemistry to correctly address questions arising with regard to pigment source, pigment manufacturing process, interactions between pigments, and weathering mechanisms or lightfastness, among other inquiries, since formation and transformation of mineral phases are processes involved in the research. Such investigations will provide essential clues to unravel pigment technological achievements, dating, trade routes, or pigment fingerprints for author/region adscriptions, as well as offering information to optimize conservation and/or restoration strategies of painted or colored artworks.

Guest Editor

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Deadline for manuscript submissions

closed (20 August 2024)



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About the Journal

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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Prof. Dr. Leonid Dubrovinsky

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