Special Issue

Mineral Pigments in the Historical and Archaeological Context: from Invasive to Non-invasive Analyses

Message from the Guest Editors

Mineral pigments, present in nature inside rocks and soils, have always been employed for the decoration of objects and artefacts of different nature (frescoes, mural paintings, paintings on canvas, wood, paper, ceramic materials, glass, etc). Their use dates back to ancient times, starting from the Palaeolithic cave paintings, until today, with the introduction of mineral pigments of synthesis. This Special Issue aims at publishing works concerning the use of mineral pigments in the field of Cultural Heritage and, in particular, in historical and archaeological contexts. Studies carried out on natural and synthetic pigments will be considered, performed through invasive or non-invasive analyses, applied in situ and/or in a laboratory setting. Archaeometric studies on mineral pigments and works in the conservation and restoration fields will be accepted, also concerning the introduction of new consolidants and protective products aimed at preserving the pigmented surfaces.

Guest Editors

Prof. Dr. Domenico Miriello

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Dr. Michele Secco

Deadline for manuscript submissions

closed (31 March 2021)

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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.

Editor-in-Chief

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Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

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