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Synthesis and Characterization of Ceramics and Ceramic Pigments

Guest Editor:

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Message from the Guest Editor

This Special Issue will focus on new developments in the synthesis and characterization of ceramic compositions, glazes, and pigments. We welcome studies that describe the evaluation and validation of new ceramic formulations using outgoing raw materials or by-products within the framework of the circular economy, the synthesis and analysis of pigments with industrial chromatic characteristics but that use fewer critical oxides or have submicron sizes, the use of technological solutions to improve color performance, such as encapsulation or core/shell structures, the development and characterization of ceramic glazes with special features, or new test protocols for the quantification of certain parameters related to regulatory or environmental aspects of ceramics.

This Special Issue aims to generate knowledge networks and links among various stakeholders involved in the ceramics community, including researchers from academia, industry, and regulatory or governmental bodies.



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Special Issue



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Message from the Editor-in-Chief

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