

## Special Issue

# New Frontiers in Cementitious and Lime-Based Materials and Composites

### Message from the Guest Editors

This Special Issue aims to shed light on the latest research outcomes in this multidisciplinary field, ranging through the vast area of civil, structural, and environmental engineering, mineral and materials science, nano-technology, polymer science, fibre and textiles technology, as well as numerical and statistical design. We welcome high-quality research contributions based on both experimental activities and/or theoretical modelling (numerical/analytical), as well as review articles. The topics of interest include but are not limited to fibre-reinforced composites (e.g., textile-reinforced mortar/concrete (TRM/TRC) and fibre-reinforced concrete (FRC)) and novel sustainable cementitious conglomerates in which the ordinary Portland cement (OPC) binder is replaced with recycled by-products (silica fume, kiln ashes, bio-char, slag, biomass ashes, geopolymers, alkali-activated concrete, etc.) also evaluating the possible incorporation of recycled aggregates.

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### Guest Editors

Dr. Cesare Signorini

Dr. Antonella Sola

Dr. Sumit Chakraborty

Dr. Valentina Volpini

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### Deadline for manuscript submissions

closed (30 November 2021)



## Crystals

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## About the Journal

### Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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### Editor-in-Chief

Prof. Dr. Alessandra Toncelli

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