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Editor-in-Chief

Prof. Dr. Helmut Cölfen

Message from the Editor-in-Chief

Crystals are a very important class of structured material, both from a scientific and technological viewpoint. In 2011, the Nobel Prize in Chemistry was awarded to Dan Schechtman for his work on quasicrystals. Our journal already expresses in its name *Crystals* that its focus centers around all aspects of this class of materials, which has fascinated humankind from its beginning. Despite decades of research on crystals, it remains a hot and fascinating research topic. *Crystals* is a good platform for dissemination of knowledge in this area.

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Special Issue

Mesocrystals and Hierarchical Structures

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Deadline for
manuscript submissions:
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Message from the Guest Editor

Dear Colleagues,

In the last 10 years, there has been a great interest in the scientific community for the design of nanoassemblies of primary particles by oriented attachment. The understanding of the formation mechanism has received a breakthrough from the development of in situ techniques. Current approaches include mathematical simulations to shed light on the interaction forces among primary particles or model the properties of materials to understand their intimate structure-function relation. Finally, the combination of multiple length scales in a single crystal envisages novel applications in nanotechnology. This Special Issue aims to promote an interdisciplinary exchange on the latest development in the field of design, characterization, and applications of hierarchical materials, including mesocrystals and colloidal arrays. Scientists working in both experimental and theoretical disciplines are invited to submit original contributions.

Dr. Monica Distaso
Guest Editor

| Special Issue website: mdpi.com/si/6541