Message from the Guest Editor

Dear Colleagues,

In this Special Issue, we are promoting an interdisciplinary platform to discuss nanostructured metal oxides from modeling to synthesis, characterization, processing, and device integration. Authors are encouraged to share their recent research and results on all the aspects of this class of materials: The fundamental science, the synthesis, and the characterization of the physicochemical properties, as well going deeper into the fundamental aspects that determine their growth, the final structure, and optical behavior of these systems. On the other hand, directly applied results are also greatly welcomed: Catalysis and/or photocatalysis in optoelectronic as transparent conductive materials, or photonics and electronics applications are just few main topics that we would cover.

The aim of this issue is to provide a wide forum for discussion of the recent advances in the fields of research related to oxides that can acts as a reference for future studies. As a result, full papers, communications, and reviews are all welcome.

Prof. Pier Carlo Ricci

Guest Editor
Editor-in-Chief

Prof. Dr. Helmut Cölfen
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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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**Rapid publication:** manuscripts are peer-reviewed and a first decision provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 5 days (median values for papers published in this journal in the second half of 2018).

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