Optical Floating Zone and Crystals Grown by this Method

Guest Editor:

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Message from the Guest Editor

The purpose of the Special Issue "Optical Floating Zone and Crystals Grown by this Method" is to create a forum for scientists who either explore the crystal growth process itself or analyse the crystals produced by the OFZ technique. As the properties of created materials depend on the crystal quality, in this issue there is also room for different aspects of the characterisation of the materials grown by OFZ and for the comparison of the oxides grown by this technique with those grown by other methods.

All reports about the

- growth of "exotic" oxides never grown as crystals before;
- growth of crystals with controlled doping;
- highlights of new approaches to the OFZ method itself,

including the

- modification of the technique;
- modelling of the process;
- and the application of OFZ in the search for new materials

are very much welcome in this issue.

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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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