Advances in Synchrotron Radiation Applications for Crystal Structure Studies

Message from the Guest Editor

This Special Issue provides a forum for reports on technical developments and their applications, and for novel research in areas of crystallography that depend on, or benefit from, the use of synchrotron facilities. Scientists working in a wide range of disciplines are invited to contribute to this collection. The topics presented in the keywords cover broadly the focus of this Special Issue, but do not restrict it, as synchrotron applications in crystallography are growing and are likely to include particular approaches that have not yet been described; innovative contributions are particularly welcomed.

Keywords

- Synchrotron crystallography beamlines
- Data collection and processing
- Crystal structures from synchrotron data
- Exploitation of high intensity, focusing and collimation
- Use of wavelength tunability
- Photocrystallography and other time-resolved studies
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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