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Small and Wide Angle X-ray Scattering Applied to Nano- and Biomaterials

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Message from the Guest Editors

Small- and wide- angle X-ray scattering (SAXS/WAXS) are powerful experimental techniques widely used in several fields of materials science. Both these techniques enable the characterization of nanoscale and molecular structures in a variety of materials, such as biomacromolecules, liquid nanoparticle dispersions/colloids, nanocomposites, polymers, fiber-like materials, surfactants, microemulsions, liquid crystals, mesoporous materials, etc.

We invite researchers to contribute to this Special Issue, which is intended to serve as a unique multidisciplinary forum covering broad aspects on both techniques applied to nano and bio-materials. Contributions on methods and software devoted to SAXS and WAXS data analysis are welcomed as well.

The potential topics include but are not limited to:

- SAXS applied to macromolecules to deal the protein complexes;
- Application on several fiber-like materials for different applications, ranging from medicine to technology;
- Methods and computer software packages for SAXS/WAXS data analysis (new or improvements of the previous ones).

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Editor-in-Chief

Prof. Dr. Helmut Cölfen
Physical Chemistry, Universität Konstanz, Germany

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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