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The Structures and Transitions of Ice and Water

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Deadline for manuscript submissions:
closed (30 April 2022)

Message from the Guest Editor

Dear Colleagues,

Entire journals and conferences are devoted to the presentation and discussion of water and its behaviour and properties, and scientists who work in the field of water span an astonishing range of disciplines.

As always, studies of structures form a major part of the canon of work on ice. Ice was one of the first materials studied as the science of crystallography developed and was used as an early example of what neutron diffraction could achieve. Studies of ice structures continue to be a very active area. Four new phases of ice have been discovered since 2014, with the most recent, ice XIX, reported in February 2021. It is therefore timely to have a focussed special issue on ice structures. The issue will take a broad view of structural studies so that any attempt to answer the question “where are the atoms?” falls within its purview. Similarly, the range of materials is broad so that ice related systems such as clathrate hydrates and non-crystalline water are included.

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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