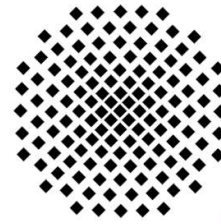


Stuttgarter Physikalisches Kolloquium

Fachbereich Physik, Universität Stuttgart
Max-Planck-Institut für Festkörperforschung
Max-Planck-Institut für Intelligente Systeme

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Dienstag, 12. Mai 2020

16:15 Uhr

Online-Vortrag

Universität Stuttgart, Pfaffenwaldring 57, 70569 Stuttgart-Vaihingen

Gastgeber: Prof. Dr. Christian Holm, Universität Stuttgart, Telefon: 0711 - 685-63701

Water anomalies: from ice age to carbon

Marcia Babosa

Federal University of Rio Grande do Sul

Abstract

The anomalous properties of water are those where the behavior of liquid or solid water is quite different from what is found with other materials. Although it is an apparently simple molecule, it has a highly complex and anomalous character due to its hydrogen bonding. In this talk, we will present some of water anomalous properties, how they are related to our life and how some of the more recent anomalous behaviors can help to understand the water-biomolecules interactions as well as be employed to design new materials to clear water.