Special Issue

Experimental Determination of Molecular Properties at Crystal Surfaces under Practical Conditions

Message from the Guest Editor

Several traditional surface science techniques detecting molecular surface properties have made the transition from ultra-high vacuum to operation under near-ambient pressure or even ambient pressure. These technical developments could facilitate changes in our understanding of interfacial interactions of crystalline materials, beyond the traditional surface science of inorganic systems. Studies of heterogeneous catalysis have paved the way towards dynamic and increasingly complex systems. These developments now open up surface studies of hitherto barely explored classes of materials, for example, adsorption of solvents on organc crystal surfaces or adsorption equilibria of additives on organic substrates. We believe a Special Issue of *Crystals* on this topic is timely as this could facilitate interdisciplinary knowledge exchange between established, nascent and new potential surface science communities. I am therefore inviting you to submit experimental papers describing new applications of surface analysis, including the whole range of research from fundamental studies of model systems to applied research on practical systems.

Deadline for manuscript submissions

closed (1 September 2020)

Crystals

an Open Access Journal by MDPI

Impact Factor 2.4
CiteScore 5.0

mdpi.com/si/36706

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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.

Editor-in-Chief

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