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# Advanced Energetic Materials: Testing and Modeling

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**closed (15 December 2022)**

## Message from the Guest Editors

Dear Colleagues,

Energetic Materials (EMs) are a traditional branch of materials. Recently, the demand for industrial and defense applications for energetic materials, including pyrotechnics, explosives, and propellants, has inspired new developments in this field. The occurrence of advanced energetic materials in particular offers a unique new opportunity to improve the performance of energetic formulations. To accelerate the potential applications, various works have focused on the physical and chemical characteristics through theory, experiments, and simulations. The aim of this issue is to collect comprehensive knowledge on materials synthesis, characterization, combustion, mechanical, detonation, and safety.

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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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