

## Special Issue

# Graphene Mechanics Volume III

### Message from the Guest Editor

As a monatomic layer of carbon atoms in a honeycomb lattice, graphene possesses extraordinary mechanical properties in addition to other amazing properties. In this Special Issue, we will focus on cutting-edge studies of graphene mechanics from both theoretical and experimental investigations. In particular, this collection covers current areas of research that are concerned with the effect of production methods and/or the presence of defects upon the mechanical integrity of graphene, work related to the effect of graphene deformation upon its electronic properties and the possibility of employing strained graphene in future electronic applications, as well as reviews of experimental and theoretical results, to date, on mechanical loading of freely suspended or fully supported graphene.

This Special Issue on graphene mechanics aims to provide a unique and international forum covering a broad range of findings involving mechanical properties, mechanical loading, and engineering and applications. Scientists working from various disciplines are invited to contribute to this cause.

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### Guest Editor

Dr. Qing Peng  
School of Power and Mechanical Engineering, Wuhan University,  
Wuhan 430072, China

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### Deadline for manuscript submissions

closed (28 February 2023)



## Crystals

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*Crystals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[crystals@mdpi.com](mailto:crystals@mdpi.com)

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Alessandra Toncelli  
Department of Physics, University of Pisa, 56126 Pisa, PI, Italy

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