# Special Issue

# Graphene and Other 2D Materials: Technologies, Methods and Applications

## Message from the Guest Editors

Since the first demonstration of the unique properties of the thinnest possible material in nature, graphene, it attracted enormous researchers' interest all over the world. The reason for such a huge interest in graphene is its fascinating electronic, optical, and mechanical properties. The whole area of THz plasmonics has arisen also thanks to graphene. The graphene boom gave rise to other important consequences. First, it spurred the search of other two-dimensional materials, which has already yielded transition metal dichalcogenides, TMDs, boron nitride, h-BN, as well as a number of 2D magnetic materials, Xenes, etc. Secondly, the honeycomb crystal structure, which is characteristic of graphene and TMDs and is responsible for some of their unique properties, inspired mimicking it in other systems. This Special Issue aims to gather original research articles and review papers concerning the research of graphene and other 2D materials. It is open to contributions covering both fundamental research, materials properties, and applications, including 2D material-based photonic, (opto-) electronic, sensing, and mechanical devices.

## Guest Editors

Prof. Dr. Mikhail I. Vasilevskiy
Dr. Yuliy V. Bludov
Dr. Tetiana Slipchenko

## Deadline for manuscript submissions

20 January 2026

Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5
CiteScore 5.5

mdpi.com/si/223380

*Applied Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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