



Advanced Graphene Films

Guest Editors:

Prof. Dr. Łukasz Kaczmarek

Institute of Materials Science and Engineering, Lodz University of Technology, Stefanowskiego 1/15, 90-924 Łódź, Poland

Dr. Lin Fu

Institute of Materials Science and Engineering, Faculty of Mechanical Engineering, Lodz University of Technology, 90-924 Lodz, Poland

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closed (31 December 2022)

Message from the Guest Editors

Dear Colleagues,

Graphene is a material that has attracted increasing scientific attention since its broader analysis in 2004. The broad focus of research is on applying the material into already existing 3D solutions, however there are already fascinating reports of its properties and applications in forms closer to its 2D nature—thin layers or films. For this reason, we would like to launch a Special Issue titled “Advanced Graphene Films” and invite researchers dealing with this material to contribute. The scope covers graphene as well as its derivatives—graphene oxide, reduced graphene oxide, doped graphene or any other materials based on it. Moreover, this Special Issue will collect original papers reporting their synthesis, analysis of their properties, and their application (potential or already implemented).





Editors-in-Chief

Prof. Dr. Wei Pan

State Key Laboratory of New
Ceramics and Fine Processing,
School of Materials Science &
Engineering, Tsinghua University,
Beijing 100084, China

Dr. Emerson Coy

NanoBioMedical Centre, Adam
Mickiewicz University in Poznań,
ul. Wszechnicy Piastowskiej 3, 61-
614 Poznań, Poland

Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

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Coatings Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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