

BROCHURE

2DMAT2023

3rd Global Summit on Graphene and 2D Materials
August 24-26, 2023 | London, UK



Welcome Message

Dear Colleagues,

After success of the 2021 and 2022 editions of 2DMAT conference, We are glad to announce and cordially invite you to join 3rd Global Summit on Graphene and 2D Materials(2DMAT2023) will be held in London, UK during August 24-26, 2023.

The 2DMAT2023 aims to bring together the renowned researchers, scientists, and scholars to exchange ideas, to present sophisticated research works and to discuss hot topics in the field and share their experiences on all aspects of Graphene and 2D Materials.

At 2DMAT2023 ten distinguished plenary speakers and many renowned speakers will be invited from all over the world including many active female scientists. The main scope of the conference is to act as an international forum for the dissemination of knowledge, advancing the theoretical and practical considerations of this subject area.

With international 2D Materials researchers and practitioners participation from over 30 countries, the conference promises to be an excellent forum for learning and collaboration to enhance scientific understanding and advance knowledge and innovations in many fields of graphene and 2D Materials.

The conference is held annually since this year to provide platform for scholars and researchers from all over the world to exchange ideas.

We look forward to seeing you in London.

Important Dates

- Abstract Submission Deadline :-----June 15, 2023
- Earlybird Registration Deadline : -----March 01, 2023
- Standard Registration Deadline : -----June 28, 2023
- Onspot Registration : -----August 24, 2023
- Conference Dates : -----August 24-26, 2023

Email: 2dmat2023@thescientistt.com

<https://www.thescientistt.com/2023/graphene-materials>

Plenary Speakers



Prof. Dr. Klaus Müllen
Max Planck Institute for Polymer
Research, Germany



Prof. Lei Jiang
Technical Institute of Physics
and Chemistry, Chinese
Academy of Sciences, China



Prof. Martin Kalbáč
J. Heyrovský Institute of
Physical Chemistry, Low
dimensional systems, Czech
Republic



Prof. Zhongwei Chen
Canada Research Chair
Professor in Advanced Materials
for Clean Energy, University of
Waterloo, Canada



Prof. Zdeněk Sofer
University of Chemistry and
Technology Prague, Czech
Republic



Prof. Efthimios Kaxiras
Chair, Department of Physics,
Harvard University, USA



Prof. John Texter
Professor Emeritus, Eastern
Michigan University, USA

Invited Speakers



Prof. Teun-Teun Kim
University in Ulsan, South Korea



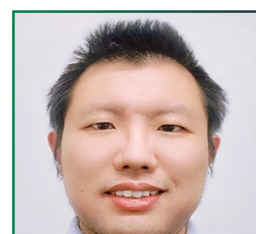
Dr. Zhiyong Wang
Max Planck Institute of
Microstructure Physics,
Germany



Dr. Marinela Barci
Huawei Technologies R&D
Belgium



Prof. Hai-Zhi Song
University of Electronic Science
and Technology of China, China



Dr. Kejun Liu
University of Bern, Switzerland



Dr. Jie Sun
Chalmers University of
Technology, Sweden



Prof. Yang Xu
School of Micro-Nano
Electronics, Zhejiang University,
China



Prof. Jia-An Yan
Towson University, USA



Prof. Jun Zhang
Institute of Semiconductors,
Chinese Academy of Sciences



Dr. Wenzhuo Wu
Purdue University, USA

Invited Speakers



Dr. Zhen Tong
Computational Science
Research Center (CSRC),
China



Dr. Zhugen Yang
Cranfield University, UK



Prof. Wenbo Mi
Tianjin University, China



Dr. Linjun Li
Zhejiang University, China



Prof. Dr. Jinbo Pang
University of Jinan, China



**Dr. Francisco
Casesnoves**
Member of UniScience Global
Scientific, Wyoming, USA



Prof. Shao-Chun Li
School of Physics, Nanjing
University, China

Conference Objectives:

- To facilitate opportunities for networking, collaboration and exchange of ideas with internationally renowned leaders in Graphene and 2D Materials.
- To identify research and practice based innovations in optimizing Graphene and 2D Materials research and development.
- To discuss and debate the challenges and opportunities in the new era of optimizing Global Strategy on Graphene and 2D Materials research and development reforms.

We are looking forward to seeing you at 2DMAT2023 in London, UK.

Best Regards
2DMAT2023
Organizing Committee

Topics

2DMAT2023 provides leading forum for the presentation of new advances and research results in the fields of Graphene and 2D Materials. Accordingly, Topics of interest for submission include, but are not limited to:

- Fundamental science of graphene and 2D materials beyond graphene
- New 2D materials (topological insulators, perovskites, etc.)
- Van der Waals heterostructures
- Electrical, optical, thermal and mechanical properties of Graphene and 2D materials
- Spectroscopy and microscopy of Graphene and 2D materials
- Theory and simulation of Graphene and 2D materials
- Quantum transport, magnetism, and spintronics
- Electronics, photonics, optoelectronics, and plasmonics
- Growth and synthesis of graphene and 2D materials
- Graphene and 2D materials for energy applications
- Graphene and 2D materials for biomedical and healthcare applications
- Graphene and 2D materials for aerospace and defense industries
- Other applications of graphene and 2D materials
- Innovation and commercialization
- Graphene-based nanocomposites
- Graphene 3D Printing
- Deposition and doping of diamond, carbon nanotubes, graphene, etc
- Chemistry and electrochemistry of graphene and other 2D materials
- Devices constructed from of graphene and 2D materials
- Water treatment and waste management

Organizing Committee

Gareth Neighbour

The Open University, UK

Saroj Prasad Dash

Chalmers University of Technology,
Sweden

Jinbo Pang

University of Jinan, China

Smain Femmam

UHA University France

Rakesh Sharma

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Andrzej Żak

Wroclaw University of Science and Technology, Poland

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Raja Rizwan Hussain

King Saud University, Saudi Arabia

Ahmed Al-Amiery

Universiti Kebangsaan Malaysia (UKM), Malaysia

Huan-Tsung Chang

National Taiwan University, Taiwan

Alicia Esther Ares

National University of Misiones, Argentina

Bibhu Prasad Swain

National Institute of Technology Manipur, India

Mengjian Zhu

National University of Defense Technology, Changsha, China

Saptarshi Das

The Pennsylvania State University, USA

Bilu Liu

Institute of Materials Research (IMR), Tsinghua University, China

S V Ranga Nayakulu

Guru Nanak Institutions-Technical Campus (GNITC), India

Important links:

For Abstracts Submission:

<https://www.thescientistt.com/2023/graphene-materials/submit-abstract>

For Registration visit:

<https://www.thescientistt.com/2023/graphene-materials/register>

Website link:

<https://www.thescientistt.com/2023/graphene-materials>

Venue

About London:

London, city, capital of the United Kingdom. It is among the oldest of the world's great cities.

Tourist Attractions

London is famous for Big Ben, Buckingham Palace, British Museum, and Tower Bridge. London is also known for its rich history, double-decker buses, red phone booths, world-class museums and galleries, gigantic lush parks, financial districts, and cosmopolitan vibes.

London is famous for more than its magnificent ancient buildings, the Palace of Westminster, Trafalgar Square, Tower of London, London Eye, Art Galleries, and Big Ben.

Climate

August is perhaps the best time of year in London as this month provides comfortable and relatively dry weather for most outdoor activities and for just exploring the city.

August temperatures average a daily high of 21 degrees Celsius (69 degrees Fahrenheit) and a low of 12 °C (53 °F).

Travel

London has six major airports: London City, London Gatwick, London Heathrow, London Luton, London Stansted and London Southend.

Diversity

London's diverse cultures encompass over 300 languages. The mid-2018 population of Greater London of about 9 million made it Europe's third-most



populous city, accounting for 13.4% of the population of the United Kingdom. Greater London Built-up Area is the fourth-most populous in Europe, after Istanbul, Moscow and Paris, with about 9.8 million inhabitants at the 2011 census. The London metropolitan area is the third-most populous in Europe after Istanbul's and Moscow's, with about 14 million inhabitants in 2016, granting London the status of a megacity.

Conference Secretary

2DMAT2023

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