



**GRAPHENE**  
**FLAGSHIP**  
**Division 1**



## 2D Materials Study Day

26 June 2023

National Graphene Institute, the University of Manchester, UK

This Study Day for postdoctoral and postgraduate researchers aims to provide training in the most advanced techniques and approaches enabling the use of AI for materials production, characterization, simulations, and fabrication of complex devices. The training programme will include lectures, informal discussions and networking.

Lecture Programme:

**Camilla Coletti** (IIT, Italy)

*Synthesizing high-quality 2D materials: from surface science to the industry of tomorrow*

**Kristian Sommer Thygesen** (DTU, Denmark)

*Data-driven approaches to 2D materials modelling and discovery*

**Roman Gorbachev** (University of Manchester, UK)

*Structural reconstruction at ultra-clean interfaces of 2D materials*

**Sergio Valenzuela** (ICN2, Spain)

*Two-Dimensional materials for spintronics: foundations, opportunities, challenges*

**Matthew Yankowitz** (University of Washington, USA)

*Flat bands in twisted graphene*

**Stephan Hofmann** (University of Cambridge, UK)

*Understanding integrated process technology for 2D materials*

The study day will take place at the National Graphene Institute, the University of Manchester. For more information or to enquire about places available please contact Olga Falko [olga.falko@manchester.ac.uk](mailto:olga.falko@manchester.ac.uk).