

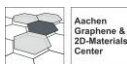


WORKSHOP

2D Materials for Future Electronics

February 19-20, 2024

Super C | RWTH Aachen University
Aachen, Germany



Scope

More than 15 years after the first reports on graphene and other two-dimensional (2D) materials, these remain a very active field of research in science and engineering. The vast amount of available data and the high performance of device demonstrators leave little doubt about the potential of 2D materials for applications in electronics, photonics and sensing, but high-tech products enabled by 2D materials are still hard to find on the market.

The scope of this workshop is to discuss the opportunities offered by 2D materials for future electronics and the challenges that still need to be solved to turn the scientific advancements of the field into marketable innovations.

Topics

- Massive scaling and miniaturization ("2D materials for more Moore")
- Flexible electronics and sensors ("2D materials for more than Moore")
- Novel computing paradigms ("2D materials for neuromorphic computing")
- Focused session on "Electronics based on transition metal dichalcogenides"

Confirmed speakers

Gianluca Fiori (Uni Pisa)
Andras Kis (EPFL)
Karl Magnus Persson (VTT)
Dmitry Polyushkin (TU Wien)
Frank Schwierz (TU Ilmenau)
Roman Sordan (Politecnico di Milano)
...more to come

Organizers

Max Lemme (AMO GmbH & RWTH Aachen University)
Daniel Neumaier (Wuppertal University & AMO GmbH)
Zhenxing Wang (AMO GmbH)
Gordon Rinke (AMO GmbH)

[More info & registration](#)

