



26–30 octobre 2026



<https://jmc2026.sciencesconf.org/>

NND06 : Optoelectronics of 2D Material Heterointerfaces

Organizers: Jean-Marie Poumirol (CEMES, Université de Toulouse), Nicolas Ubrig (POLI-MA, Mads Clausen Institute, Syddansk Universitet)

Content:

This mini-symposium will focus on the latest advancements on the optoelectronic properties of 2D material based lateral and vertical heterostructures. The aim is to exchange non-exhaustive recent advances and novel challenges in light-matter coupling at the nanoscale, as well as the associated material and device challenges.

We welcome contributions covering a broad and intentionally non-exhaustive range of topics, including emerging applications, innovative fabrication and integration strategies, and novel theoretical, computational, and simulation tools. The symposium aims to provide a platform for exchanging ideas and perspectives across experiment, theory, and technology.

Topics :

- 2D materials,
- Lateral/Vertical heterostructures,
- Excitons, Valleytronics,
- Moiré superlattices,
- optoelectronics processes in low dimensional materials,
- Nanophotonics of 2D materials,
- Emerging applications