

Session Program

8-9 Dec 2025



Réseau national d'accélérateurs
pour l'irradiation et l'analyse des
molécules et matériaux

EMIR&A user's meeting 2025

Material Properties

LP2i Bordeaux, CREATIF
19 chemin du Solarium - GRADIGNAN or Allée du Haut Vigneau - GRADIGNAN

Tuesday 9 December

09:00

Material Properties

Session | Location: LP2i Bordeaux, CREATIF, 19 chemin du Solarium - GRADIGNAN or Allée du Haut Vigneau - GRADIGNAN

09:00–09:25

Nitrogen doping of 2D transition metal carbides (MXenes) multilayers by in situ ion implantation in the TEM

Speaker

Marie-Laure David

09:25–09:50

Unconventional Superconductivity in Infinite-Layer Nickelates Probed by Controlled Introduction of Disorder

Speaker

Abhishek Ranna

09:50–10:15

Direct time-resolved study of the interfacial reaction mechanism of metal-based catalysts in the CO₂ conversion

Speaker

Zhiwen Jiang

10:15