

EPIDOX

Virtual workshop on oxide epitaxy

Wednesday Nov. 17th – Friday Nov. 19th 2021

Session I : Growth and structure I

Hubert Renevier (LMGP/CEA - Grenoble)

In situ X-ray studies of the early stage of ZnO Atomic Layer Deposition on InGaAs and lamellar dichalcogenides

Christophe Lefevre (IPCMS - Strasbourg)

Structural characterization of oxide thin films by resonant X-ray diffraction

Session II : Growth and structure II

Houssny Bouyanfif (LPMC - Amiens)

Antiferroelectric like state in BiFeO₃/LaFeO₃ superlattices

Franck Vidal (INSP - Paris)

Vertically self-assembled nanostructures : growth, structure and properties

Session III : Heterogeneous oxide/semiconductor/2D systems

Valérie Demange (ISCR - Rennes)

Nanofeuillets d'oxydes métalliques : templates pour la croissance orientée d'oxydes complexes

Florencio Sanchez (ICMAB - Barcelona)

Epitaxial ferroelectric doped HfO₂ thin films on Si(001)

Session IV : Oxide epitaxy techniques

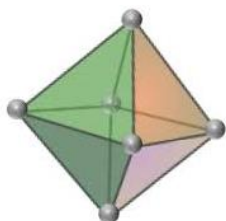
Karine Dumesnil (IJL - Nancy)

Ozone assisted MBE for the epitaxial growth of complex oxides

Jerôme Wolfman (GREMAN - Tours)

Exploration de diagrammes de phases et de propriétés interfaciales par synthèse combinatoire de films oxydes

Information, registration : <https://epidox.sciencesconf.org/>



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