

WORKSHOP ON INTERFACES ON ADVANCED CERAMICS

Organizers: ACerS International Spain Chapter and Institute of Materials of the University of Santiago de Compostela, Spain, iMATUS

Place: Classroom at iMATUS.

Date and time: September 26, 2024, at 9:00 AM

Tentative Program

Time		
9:00	Opening	Arnaldo Moreno Berto. Chair of ACerS International Spain Chapter Carmen Álvarez. Director of iMATUS
9:30	Recent advances in ceramic and silicon-based metasurfaces for microwave and photonic control	Manuel Nieto Vesperinas. ICMM/CSIC
10:00	Lead-free piezoelectric materials: synthesis, sintering, and characterization	Daniel Fernández González. CINN/CSIC
10:30	Processing of advanced MAX phase materials	Sophia Tsipas. Univ. Carlos III. Madrid.
11:00	Synthesis of bioglasses belonging to the SiO ₂ -Na ₂ O-K ₂ O-CaO-MgO-P ₂ O ₅ system with antimicrobial capacity to be used as a scaffold in bone tissue regeneration	Marta Suárez Méndez. CINN/CSIC
11:30-12:00	Coffee break	
12:00-12:30	Heterogeneous metal-ceramic catalysts	Álvaro Gil González. iMATUS.
12:30-13:00	Samarium-doped phosphate glasses as additives in polylactic acid (PLA) with bactericidal and luminescent properties.	M ^a Belén Cabal Álvarez. CINN/CSIC.
13:00-13:30	New Polymerization Reaction Catalyzed by Silver Clusters	Xinran Lu. iMATUS.
13:30	Wrap-up and Closure	J. S. Moya. CINN/ICMM/CSIC.
14:30	Lunch at Don Quijote restaurant.	