



2nd PhD Student Symposium on “Materials for Energy, Environment and Health”

Material Science and Engineering Nucleus (AUGM), and BAYLAT

November 28, 2022

“Speed” Presentations - Program

- 16:30 **Gabriela Bastida**, Universidad Nacional del Litoral
“Application of nanocelluloses with the assistance of hemicelluloses to improve the properties of recycled paper”
- 16:35 **Hsuan-Heng Lu**, Friedrich-Alexander-Universität Erlangen-Nürnberg
“Bioprinting of composite hydrogels for muscle tissue regeneration”
- 16:40 **Aldana C. Clebot**, Universidad Nacional del Litoral
“Biopurification systems for the treatment of pesticide-contaminated wastewaters. Incorporation of terrestrial oligochaetes “
- 16:45 **Sofía Nobilie**, Universidad Nacional del Litoral
“Stabilization of activated sludge through vermicomposting and ecotoxicological evaluation on Eisenia fetida”
- 16:50 **Paola A. Gimenez**, Universidad Nacional de Córdoba
“Microencapsulation of chia oil by spray drying using cross-linked soy proteins as wall material”
- 16:55 **Natalia Lorena Courtalon**, Universidad Nacional del Litoral
“Preliminary study on catalytic 3D-printed systems based on clays for atmospheric pollutants removal”
- 17:00 **M. Soledad Aprea**, Universidad Nacional de Córdoba
“Fe-Pd alloy cylindrical nanowire arrays: Synthesis and Characterization”
- 17:05 **Daniel L. Gau**, Universidad de la República
“Low Temperature Spectroscopic Characterization of γ -CsPbI₃ Perovskites.”
- 17:10 **Juan Cruz Villafranca**, Universidad Nacional de Cuy
“Hybrid nanomaterials applied to the development of solid phase extraction methods”
- 17:15 **Marcela Jaramillo Baquero**, Universidad Nacional del Litoral
“Effect of ethylene glycol functionalization on Co/CeO₂-SiO₂ and Ni/CeO₂-SiO₂ catalysts on H₂ production via ethanol steam reforming”
- 17:20 **Pilar Vilaró**, Universidad de la República
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- 17:25 **Ana Aguzin**, Universidad Nacional del Litoral
“Bio-based iongels for bioelectronics applications”
- 17:30 **M. del Rosario Morel**, Universidad Nacional del Litoral
“Removal of emerging contaminants from intensive animal farming waste water using magnetic activated carbon”
- 17:40 **Juan Cruz Demicheli**, Universidad de Buenos Aires
“Building local food supply systems and agroecological/organic consumption in intermediate cities. The case study of Gualeguaychú, Entre Ríos”