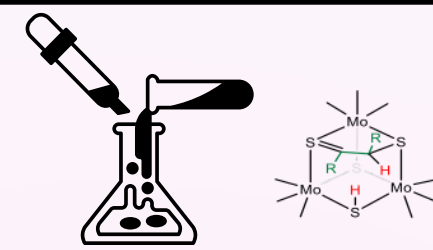


Lab. Química Teórica y Computacional

WORKSHOP



Lab. Materiales Moleculares

“Multifunctional Materials: From Basic Research to the Development of New Technologies”

WEDNESDAY, 1 MARCH, 2023
9h Prof. Dr. Juan Andrés - *Presentation and Moderation of the Workshop*
9.15 Dra. Amanda Gouveia, UJI - **“Surface Matters: Tackling the Available Morphologies and Morphological Transformations in Inorganic Semiconductors”**
9.45 Dra. Samantha Custódio, UJI - **“In₂O₃ Multifunctional Semiconductor: Modulating Structural and Electronic Properties Towards Applications”**
10.15 Coffee Break

10.30 Prof. Dra. Mónica Calatayud, Sorbonne Université - **“Ab Initio Modelling of Nanoparticles: From Structure to Reactivity”**
11.30 Prof. Dr. Jose Manuel Recio, University of Oviedo - **“Chemical Pressure and Physical Pressure. High Pressure has a lot of Chemistry”**
12.00 Prof. Dr. Julio Sambrano, State University of São Paulo, Bauru - **“Modeling and Computational Simulations Applied to Advanced Materials”**
THURSDAY, 2 MARCH, 2023
9h Prof. Dra. Rosa Llusar - *Presentation and Moderation of the Workshop*
9.15 Felipe Lipsky, UNICAMP/UJI - **“A Tale of ROS on Ag₃PO₄ Surface as a Model System”**
9.45 Dr. Luis Cabral, CDMF/FAPESP/UNICAMP/UJI - **“Understanding the Interaction of Femtosecond Laser and Electron Beam with AgX Halides (X=Cl, Br, and I)”**
10.15 Prof. Dra. Gladys Minguez-Vega, UJI - **“Manufacture of Nanomaterials with Laser and Its Applications”**
10.45 Coffee Break

11.00 Prof. Dr. Enrique Ortí, University of Valencia - **“Theoretical Insight Into Materials for Perovskite Solar Cells”**
12.00 Prof. Dr. Miguel San-Miguel, CDMF/FAPESP/UNICAMP - **“Challenges and Applications of Silver-Based Metal Oxides Surfaces”**
FRIDAY, 3 MARCH, 2023
9h Prof. Dr. Sixte Safont - *Presentation and Moderation of the Workshop*
9.15 Prof. Dra. Lourdes Gracia, University of Valencia - **“Inorganic Metal Oxides as Versatile Materials”**
9.45 Dr. Marcelo Assis, UJI - **“Antimicrobial Plastic Composites: New Technologies to Overcome the SARS-CoV-2 pandemic”**
10.30 Pablo Serna, UJI - **“Intriguing Solid-State Hosts Based on Yttrium Complex Fluorides for Photoluminescence”**
11.00 Coffee Break

11.30 Prof. Dra. Anna Rafaela Braga, University of Lisboa - **“Electrospinning and Bioactive Compounds: Nanotechnology as a Tool in Ingredient Innovation”**
12.30 Prof. Dr. Elson Longo, CDMF/FAPESP, Federal University of São Carlos - **“Innovation and Research: Building Bridges Between University and Society”**
LOCAL: SALÓN DE ACTOS DE LA ESTCE - UJI