1ST SCIENTIFIC MEETING OF STUDENTS

ICMAB

Program

9:45 AM	Xavier Obradors	Opening
Albert Queraltó		
10:00 AM	Jone Zabaleta	Self-assembled solution-derived oxides. Growth and characterization.
10:12 AM	Luis Garzón	Electrical conductivity maps in graphene-silicon nitride composites using conducting scanning force microscopy
10:24 AM	Carmen Marcus	Ge nanostructures growth by molecular beam epitaxy
Nina Carretero		
10:36 AM	Elisa Carenza	Anionic magnetic nanoparticles for cell tracking
10:48 AM	Ignasi Fina	Magnetic control of ferroelectric order in YMnO3 thin films
11:00 AM	Breakfast	
Nerea Murillo		
11:30 AM	Otto E. González	Materials Simulations, a virtual lab
11:42 AM	Javi Moral	Electrodeposition of Conductive Polymers Containing Aminoacids and Surfactants: Electrochemical and Biological Applications
Elena Rojas		
11:54 AM	Ariadna Pepiol	Development of a highly radiopaque vertebroplasty cement using tetraiodinated o-carborane as a contrast additive
12:06 PM	Jordi Andreu	Langevin Dynamics Simulations of Superparamagnetic Nanoparticles under Magnetic fields
12:18 PM	Josh Malowney	Using Sketchup for 3D Animations
Ignasi Fina		
12:30 PM	Ingrid Cabrera	Preparation of nanovesicles with potential applications in drug delivery using compressed fluids
12:42 PM	Nina Carretero	Electrodeposition of iridium oxide and carbon nanotubes composite
12:54 PM	Luis Peña	Electronic transport properties in tunnel junction with manganite thin films
Otto E. González		
1:06 PM	Markos Paradinas	Influence of the supramolecular arrangement of Biphenyl-Alkanethiols on the electronic substrate properties
1:18 PM	Nerea Murillo	Drug loaded magnetic silica nanospheres
1:30 PM	Victor Rouco	Transport measurements in Superconductor - Ferromagnet hybrids
1:42 PM	Lunch	
Afternoon		
Markos Paradinas		
3:00 PM	Malte Schmidt	Polymers and polymer blends at high pressures in a diamond anvil cell
3:12 PM	Màrius T. Schüler	On the search of a suitable platform for sequential hetero polyelectroactive tuning
3:24 PM	Oscar Gil	Microstructural characterization of Mo-based bilayers for radiation detectors
Màrius T. Schüler		
3:36 PM	Wojciech Saletra	Scanning Tunneling Microscopy Study of a Chiral Amphiphile at a Solid-liquid Interface
3:48 PM	Judith Guasch	Multifunctional Molecular Materials based on Donor-acceptor systems