



MC GT I General Topics I
Materials for energy harvesting, storage, and generation
Soft, molecular and amorphous materials

Monday, 2 September, afternoon

Chair: Bernardo Almeida

Room:

Hours	ID	Name	Type	Title
16h00	15465	Beatriz M R Arouca Maia	Oral	Cathodes pinpoints for the next generation of energy storage devices: the LiFePO ₄ case study
16h15	13868	Inês C G Espada	Oral	Green synthesis of Au/TiO ₂ nanocomposites for photocatalytic degradation of ciprofloxacin
16h30	12955	Saibal Mitra	Oral	Development of Rechargeable Li-ion Micro-Batteries Using Femto-Second Laser Machining
16h45	13877	Joana Marina Silva Queirós	Oral	Photocatalytic Membranes Based on Natural Polymers for Antibiotics and Bacteria Removal
17h00	13744	Ane Martin Ayerdi	Oral	Synergistic Effect between C ₆₀ & CNTs in the Functional Characteristics of Conductive, Piezoresistive and Thermoresistive Polymer Nanocomposites
17h15	13208	Ricardo José Silva Lima	Oral	Towards sustainable epoxy based self-sensing polymer composites for high responsibility applications
17h30	12893	Elena Molteni	Oral	Self-Assembled Monolayers of N-Heterocyclic Olefins on Au(111)
17h45	12881	Sérgio A Pereira Gonçalves	Oral	Polymer-Based Capacitive, Piezoelectric and Piezoresistive Integration in an Interactive Hybrid Book Application
18h00	13204	Bárbara Cruz	Oral	Ionic Liquid-Modified Cellulose Acetate for Sustainable Temperature and Chromic Sensing Applications



MC GT II General Topics II
Magnetic and multiferroic oxide materials

Tuesday, 3 September, afternoon

Chair: Rui Vilarinho

Room:

Hours	ID	Name	Type	Title
16h00	13084	Lucia Varbaro	Invited	Structural, magnetic and electronic study of rare earth nickelate solid solutions and superlattices
16h30	12419	Milan Klicpera	Oral	Magnetic and conducting properties of rare-earth iridates
16h45	13739	Guido Fratesi	Oral	Metal-TetraPhenyl-Porphyrins Surface Functionalization of Ultrathin and Bulk Magnetic Oxides
17h00	13270	Anita Yadav	Oral	Inducing out-of-plane magnetic anisotropy by substitutional doping in the multiferroic CuCrP2S6 monolayer
17h15	12862	Tiago Rodrigues	Oral	Composite Multiferroic CoFe2O4/LiNbO3 Nanofibers by Electrospinning

**MC GT III General Topics III****Friday, 6 September, morning****Chair:** Rui Vilarinho**Room:**

Hours	ID	Name	Type	Title
9h00	13910	Guilherme Vilhena	Oral	Moiré-Tile Manipulation-Induced Friction Switch of Graphene on a Platinum Surface
9h15	13461	Drilon Zenelaj	Oral	Wigner function approach to photodetection in a resonator-coupled double quantum dot
9h30	12919	Pasquale Marra	Oral	Topological zero modes and bounded modes at smooth domain walls: exact solutions and dualities in hermitian and nonhermitian regimes
9h45	13054	Karol Strutyński	Oral	Interplay of Pi-stacking and steric effects in Covalent Organic Frameworks
10h00	12355	Vitaly Kalikmanov	Oral	Sound wave propagation through two-phase systems: role of real gas effects
10h15	13371	Júlio São José S Oliveira	Oral	Numerical Tests Of The Large Charge Expansion