

ChemMat Doctoral Programme Workshop 2020- IST/CTN, 11th November 2020

10:15 – 10:25	<i>Opening</i>	MANUEL ALMEIDA
10:25 – 11:10	Aurophilic Luminescent Hydrogels	JOÃO LIMA
11:10 – 11:25	<i>Coffee Break</i>	
11:25 – 12:10	It's Getting Hot in Here: Intracellular Temperature Sensing Through Light Emission	LUÍS CARLOS
12:10 – 14:00	<i>Lunch</i>	
14:00 – 14:10	<i>Introduction to the ChemMat Doctoral Programme</i>	MANUEL ALMEIDA
14:10 – 14:15	Materials for environmentally friendly and stable organic photovoltaics	SARA SILVA
14:15 – 14:20	Conducting and Magnetic Bilayers	GONÇALO LOPES
14:20 – 14:35	Responsive Organic-Inorganic Hybrid Nanomaterials for High-Performance Photochromic Textiles	MARLENE PACHECO
14:35 – 14:50	New Biomaterials Based in Metal Organic Frameworks (BioMOFs) for Cancer Photodiagnostic and Cancer Magnetic Hyperthermia Therapy	JULIANA ARAÚJO
14:50 – 15:05	Rational design of magnetic ionic liquids for separation processes	NÁDIA FIGUEIREDO
15:15 – 15:25	<i>Coffee Break</i>	
15:25 – 15:40	Glass and Glass-ceramics embedded with Semiconductor and Semiconductor-metal Nanoparticles	DANIEL BARCELOS
15:40 – 15:55	Heterometallic Metal-Organic and Supramolecular Networks for Magnetically-Driven Applications	INÊS COSTA
15:55 – 16:10	Multifunctional cobalt oxide nanofoams: novel electrode materials for supercapacitors and electrocatalytic oxygen reactions	HUGO TEIXEIRA
16:10 – 16:25	Nanostructured sol-gel coatings for solar energy applications	CARLOTTA MICALE
16:25 – 16:40	Multifunctional polymer-templated hierarchical structures of metallic nanoclusters and superparamagnetic nanoparticles	BARBARA CASTELEIRO
16:40 – 16:50	<i>Coffee Break</i>	
16:50 – 17:05	Thermoelectric sulfides for a green and sustainable world	DUARTE MOÇO
17:05 – 17:20	New Iron, Cobalt and Nickel Organotransition-Metal Molecular Magnets	PATRICIA FERREIRA
17:20 – 17:35	G2D – Gold-Graphene Dots: Fabrication, Characterization and Application in Bioimaging and Sensing	RAQUEL FONSECA
17:35 – 1:50	Development of Novel Topological Magnets	JOSÉ MALTA
17:50 -18:10	Neutrability: neutral but soluble	MARIANA VELHO
18:10 – 18:20	Closing Remarks	MANUEL ALMEIDA