

**ChemMat Doctoral Programme Workshop - IST/CTN, 19<sup>th</sup> November 2018**

10:00 – 10:30	<i>Welcome Coffee + Poster Session</i>	
10:30 – 11:15	From multifunctional to smart molecular materials	EUGENIO CORONADO
11:15 – 12:00	2D systems post-graphene: Single-layers of di- and tri-chalcogenides	ENRIC CANADELL
12:00 – 12:10	<i>Introduction to ChemMat Doctoral Programme</i>	MANUEL ALMEIDA
12:10 – 14:00	<i>Lunch</i>	
14:00 – 14:05	Multifunctional cobalt oxide nanofoams: novel electrode materials for supercapacitors and electrocatalytic oxygen reactions	HUGO TEIXEIRA
14:05 – 14:10	“Light-Responsive Organic-Inorganic Hybrid Nanomaterials for High-Performance Photoresponsive Textiles”	ARIANE PEREIRA
14:10 – 14:20	Development of Novel Topological Magnets	JOSÉ MALTA
14:20 – 14:30	Thiophene-based building blocks for functional materials in electronic devices	MARIANA VELHO
14:30 – 14:45	Building doped graphene/carbon nanotube hierarchical assemblies via surfactant-mediated interactions for advanced applications	BARBARA TEIXEIRA
14:45 – 15:00	GO Lights Up Gasotransmitters	CÁTIA CORREIA
15:00 – 15:15	Silica nanoplatfoms for imaging and targeted delivery of drug	JOANA MATOS
15:15 – 15:30	PhotoMOF: development of photoactive metal-organic frameworks for energy applications	MÁRCIA RIBEIRO
15:30 – 15:50	<i>Coffee Break + Poster Session</i>	
15:50 – 16:05	Synthesis and Characterization of Heteronuclear Organoboron/Transition-Metal Complexes for the Production of White Light in OLED Devices	ANA I. RODRIGUES
16:05 – 16:20	New materials based in pyrrolic compounds for photovoltaic organic solar cells	ANTÓNIO AGUIAR
16:20 – 16:35	Electron-accepting materials for cost-effective and environmentally friendly organic photovoltaics	CRISTIANA COSTA
16:35 – 16:50	Towards New Tunable Photonic Pigments: Magnetically Responsive Photonic Nanostructures	LAURINDA AREIAS
16:50 – 17:05	New Nd/Pr complexes for multifunctional purposes	MARIA A. PINHEIRO
17:05 – 17:13	Nanostructured sol-gel coatings for solar energy applications	CARLOTTA MICALE
17:13 – 17:21	New Iron, Cobalt and Nickel Organotransition-Metal Molecular Magnets	PATRÍCIA FERREIRA
17:21 – 17:29	Thermoelectric sulfides for a green and sustainable world	DUARTE MOÇO
17:29 – 17:37	Multifunctional polymer-templated hierarchical structures of metallic nanoclusters and superparamagnetic nanoparticles	BÁRBARA CASTELEIRO
17:37 – 17:45	G2D – Gold-Graphene Dots: Fabrication, Characterization and Application in Bioimaging and Sensing	RAQUEL LOPES FONSECA
17:45 – 18:00	Closing Remarks	MANUEL ALMEIDA