C²TN Workshop on Advanced Materials
&
ChemMat Doctoral Programme

IST/CTN, 20 th November 2017

	Session 1	
9:45 – 10:00	*Opening Address*	MANUEL ALMEIDA
10:00 – 10:30	Ion implantation in GaN thin films and nanowires	KATHARINA LORENZ
10:30 – 11:00	From the structure to the microstructure – studying an hybrid system	JOSÉ CARLOS ALMEIDA
11:00 – 11:30	*Coffee Break + Poster Session*	
	Session 2	
11:30 – 12:00	Rational design and modelling of *f*-block single-ion magnets	JOSÉ BALDOVÍ
12.00 – 12.30	Microscopy with MeV ion beams	LUÍS C. ALVES
12:30 – 13.00	Halogen bonding in molecular solids, anionic networks and molecular conductors	MARC FOURMIGUÉ
13:00 – 14:30	*Lunch*	
14:30 – 14:40	*Introduction to ChemMat Doctoral Programme*	MANUEL ALMEIDA
14:40 – 14:45	Development of Novel Topological Magnets	JOSÉ MALTA
14:45 – 14:50	Neutrability: neutral but soluble	MARIANA VELHO
14:50 – 14:55	Colloidal Structures for Tunable Full-Color Photonic Pixels	TIAGO MARTINS
14:55 – 15:05	Building doped graphene/carbon nanotube hierarchical assemblies via surfactant-mediated interactions for advanced applications	BARBARA TEIXEIRA
15:05 – 15:15	GO Lights Up Gasotransmitters	CÁTIA CORREIA
15:15 – 15:25	Silica nanoplatforms for imaging and targeted delivery of drug	JOANA MATOS
15:25 – 15:35	PhotoMOF: development of photoactive metal-organic frameworks for energy applications	MÁRCIA RIBEIRO
15:35 – 16:05	*Coffee Break + Poster Session*	
16:05 – 16:20	Synthesis and Characterization of Heteronuclear Organoboron/Transition-Metal Complexes for the Production of White Light in OLED Devices	ANA I. RODRIGUES
16:20 – 16:35	New materials based in pyrrolic compounds for photovoltaic organic solar cells	ANTÓNIO AGUIAR
16:35 – 16:50	Electron-accepting materials for cost-effective and environmentally friendly organic photovoltaics	CRISTIANA COSTA
16:50 – 17:05	Towards New Tunable Photonic Pigments: Magnetically Responsive Photonic Nanostructures	LAURINDA AREIAS
17:05 – 17:20	New Nd/Pr complexes for multifunctional purposes	MARIA A. PINHEIRO
17:20 – 17:30	Closing Remarks	MANUEL ALMEIDA