

MAP-Fis PhD Students Assessment - University of Minho

Tuesday 6 December 2022

MAP-Fis PhD Students Assessment Presentations (09:30 - 12:15)

time	[id] title	presenter
09:30	[13] NATURALLY LAYERED PEROVSKITE HETEROSTRUCTURES	SILVA, Bruna
10:00	[43] Multi-ferroic bilayer composites for coupled magnetic -electric -optical functionalization	PEIXOTO OLIVEIRA, Joao
10:30	[45] Transparent thermoelectric titanium dioxide – based thin films for thermal energy harvesting	RIBEIRO, Joana
11:00	Coffee Brak	
11:15	[37] Microfluidics for size controlled cationic liposome DNA complexes:going beyond the universal transfection curve	JOEL FERREIRA, Celso
11:45	[46] Excitons in two-dimensional materials and van der Waals Heterostructures	QUINTELA, Mauricio

MAP-Fis PhD Students Assessment Presentations (14:00 - 17:45)

time	[id] title	presenter
14:00	[44] Quantum Many-Body Ground States via Digital Quantum Simulation	MURTA, Bruno
14:30	[39] Understanding limitations of linear-optical quantum computation	DIOGO MONTEIRO FERNANDES, Carlos
15:00	[47] Development of nanoplasmonic thin film Biosensors with enhanced sensitivity for detection of Ochratoxin-A	MEIRA, Diana
15:30	[48] Developmeny of optical (T-LSPR) biosensors, based in nanoplasmonic thin films for fast legionella pneumophia detection in patients and environmental samples	EMANUEL CARVALHO COSTA, Diogo
16:00	Coffee Break	
16:15	[49] Multiplex detection of circulating tumor DNA using graphene electrolyte-gate field-effect transistors	DOMINGUES, Telma
16:45	[50] Single Photons On Demand from a 2D Material Heterostructure	QUEIRÓS, Tiago
17:15	[51] DEVELOPMENT OF MULTIFUNCTIONAL SUPRAMOLECULAR MAGNETOGELS FOR MULTIMODAL CANCER THERAPY	VELOSO, Sérgio