

First LaPMET Workshop

Thursday 23 September 2021

Advanced materials and processes for Energy (09:30 - 11:10)

-Conveners: Diogo Santos

time	[id] title	presenter
09:30	[124] Advanced materials and processes for Energy @IFIMUP	VENTURA, Joao
09:50	[3] Materials and Processes for Energy at C2TN: an Overview	Dr ANTÓNIO, Pereira Gonçalves
10:10	[30] Advanced Materials for Energy @ CF-UM-UP	Prof. TAVARES, Carlos
10:30	[115] Ongoing Research in CeFEMA on Advanced Materials and Processes for Energy	SANTOS, Diogo

Friday 24 September 2021

Advanced materials and processes for Energy (10:40 - 12:10)

-Conveners: Diogo Santos

time	[id] title	presenter
10:40	[92] Advanced nanostructures trends on photoelectrochemical cells for solar water splitting, green hydrogen generation	APOLINARIO, Arlete
10:50	[100] High Power Laser Powering Radial Thermoelectric Devices: an innovative Wireless Energy Transfer System	MAIA, Margarida
11:00	[12] A Quest To The Optimal Contact Fixation Technique For Manganese Doped Tetrahedrites	COELHO, Rodrigo
11:10	[29] Gamma irradiation as an alternative pre-treatment of macroalgae biomass for biogas production	Dr CASIMIRO, Maria Helena
11:20	[1] Ferroelectricity in nanoscaled ZrO ₂ thin films and their promising application in energy storage capacitors	Dr SILVA, José
11:30	[2] Solid polymer electrolytes for solid-state lithium-ion batteries: Challenges and opportunities for the next generation of energy storage	Mr BARBOSA, João
11:40	[46] Enhancing the efficiency of alkaline water electrolysis by using ionic liquids as electrolyte additives	SLJUKIC PAUNKOVIC, Biljana
11:50	[45] OER/ORR bifunctional electrocatalysts based on PtM (M=Ni,Fe,Cu) supported on graphene nanoplatelets	MLADENOVIC, Dusan
12:00	[99] H ₂ Solar: Thin films multilayers of semiconductors oxides for photoelectrochemical water splitting	OLIVEIRA, Afonso
12:05	[74] Engineering Ferroelectric Perovskite Oxides with Narrow Band Gap	FIGUEIRAS, Fabio