MC 37 Advances in emerging nanostructured solar cells I

Tuesday, 3 September, morning

Chair(s): Arlete Apolinário, Adélio Mendes

Room:

Hours	ID	Name	Type	Title
10h30	14745	Adélio Mendes	Invited	Solar redox flow cells: from a Dream to high-performance
11h00	14746	Telmo da Silva Lopes	Oral	High Energy Density and Efficiency Silicon-driven Solar Redox Flow Cell
11h15	14743	Filipe Moisés	Oral	Addressing the stability challenge of semi-transparent Ta3N5 photoelectrodes
11h30	12907	Fran Fernandz	Oral	Understanding the Synergistic Effects of Ti–Sn Co-Doping on Photoelectrochemical Water Splitting of Hematite Nanowires
11h45	13872	André Aguiar	Oral	Incorporating Au plasmonic nanoparticles into hematite nanowires for improved solar water splitting photoanodes
12h00	13825	Sofia Gongalves	Oral	Solar Water Splitting and Green Hydrogen Production with Photoelectrochemical Cells
12h15	13756	Arlete Apolinário	Oral	Flexible Photoanodes Based on Hematite Porous Layers

MC 37 Advances in emerging nanostructured solar cells II

Tuesday, 3 September, afternoon

Chair(s): Arlete Apolinário, Shrabani Panigrahi

Room:

Hours	ID	Name	Type	Title
16h00	13767	Neenu Lekshmi Prasannan	Oral	Layered oxide-based perovskites without inversion symmetry: possibility towards photoferroic applications
16h15	13337	E. Lora da Silva	Oral	Pressure-induced phase transitions of oxide-based perovskite systems
16h30	12890	Hamid Latifi	Oral	Efficiency and Stability improvement of Perovskite Solar Cells with π-Conjugated Small Molecule Additive
16h45	12811	Demontis Valeria	Oral	2-Dimensional Single-Crystal Perovskites: Study of the Temperature and Light Power Dependent Photoresponse
17h00	13727	M. B. Candeias	Oral	Optoelectronic study of the crystalline Si/amorphous hydrogenated Si interface

Poster session
Tuesday, 3 September

ID	Name	Title
13825	Fran Fernandz	Boosted visible-light photocatalysis on Au clustered porous Se:Ta2O5 thin films
13231	Malte Grunert	Predicting exciton binding energies from groundstate properties