MaMaSELF+

STATUS MEETING

Master in Materials Science for Energy & using Large scale Facilities

21-24 MAY 2019

	Tuesday 21	Wendesday 22	Thursday 23	Friday 24
07:30		Breakfast	Breakfast	Breakfast
08:40		Session introduction	Session introduction	Session introduction
08:45		Louis CORNET Investigation of new materials for IR optical	Shu-Hsien HUANG	Prashant PENDEM
22.25		applications	· · · · · ·	In-situ epitaxial growth of novel 2-D materials
09:05		Ignacio Andrés CUEVAS	Guénolé HUITRIC Cooperative interactions in volume changing	Yanting QIAN Deciphering catalitic active site of Fe decorated semi-
22.25		High voltage LMP batteries	materials towards universal mechanism	conductors
09:25		Linda DALIPI Structure-Function Relationship of High-Temperature	Evheniia KHOLINA Synthesis & structure analysis of single crystal	Davide SALUSSO HRTEM characterization of Transition Metal Oxides
00.40		Shape Memory Alloys		for energy applications
09:40		Clément DERRIEN	Hongwon KIM	David SIMONNE Ordering and its effect on functional properties in
10:15		Joint Center for Artificial Photosynthesis (USA)	Organic solar cells in space	Heusler alloys
10:15		Coffee Break	Coffee Break	Coffee Break
10:45		Amir KOTOBI	Chloé FROMENTIN	Jasper FENG
		Organic solar cells in space	Inverse CeO2(NPs)/Pd ALD layer model catalysts for CO oxidation reaction	Corrosion and corrosion inhibition in industrial water
11:05		Jasper FENG	Elisabetta LANDINI	treatment Eric Ricardo CARREON RUIZ
		Corrosion and corrosion inhibition in industrial water	Non-stoichiometric oxides for catalysis, oxygen ion &	
11:25		treatment Meriem FIKRY	proton conductivity. Mengdi LIU	materials Concluding session
		Proton exchange water electrolyser contamination	Fabrication and characterization of antimicrobial	3
12:00		and regeneration	materials	
12.00		Lunch	Lunch	Lunch
13:20		Programme Quality Session		
13:55		,	Session introduction	Departure
14:00			Arnold GAJE Multivariate analysis of in situ XAS to determine	
			active site speciation in catalysis	
14:20		Simo HUOTARI	Evheniia KHOLINA Synthesis & structure analysis of single crystal	
		x-ray Raman spectroscopy and home-lab XANES	perovskites with proton conductivity	
14:45			Li NI	
			Nanowire structure revealed by Bragg Coherent Diffraction Imaging	
15:40		Samet OCAK	Akanksha MOHAN	
		Fuel cells with indirect redox-type cathode	Corrosion and corrosion inhibition in industrial water treatment	
16:00	Arrival	Tea Break	Tea Break	
16:30		Parameshwari GANESAN Top-seeding growth of zonal crystals to manipulate	Anastasiia MIKHEENKOVA Development of new approaches for neutron	
	Room dispatch	magnetostriction effects in the multiferroic phase MnWO4:	diffraction strain mapping in 3D inhomogenous microstructural materials	
16:50		Han-Hung HSU	Brittany FOLEY	
		Shape controlled synthesis of lead-free perovskite nanocrystals and optical spectroscopy	Understanding the Structural State of Bone Material in the context of Biology and Archaeology	
17:10		Chloé FROMENTIN	Ketan ANAND	
		Inverse CeO2(NPs)/Pd ALD layer model catalysts for	The magnetic dynamics of NiPS3	
17:45	Welcome	CO oxidation reaction		
18:00	Raphael ABOLIVIER	Juerg SCHEFFER	Chia Jung Yang	
	GISAXS investigation and modelling of supported nanoparticles for catalysts	Jobs at PSI	Alumni contribution	
18:20	Doaa ALI Structure and dynamics of water at ambient			
	conditions with x-ray and neutron scattering			
18:40	Li NI Nanowire structure revealed by Bragg Coherent		Social event	
	Diffraction Imaging			
19:30	Dinner	Dinner	Dinner	
21:00	Social event	Status meeting	Social event	













