

MaMaSELF Status Meeting 2014

Thursday, 22 May 2014

Student Sessions: Early Morning Session I - Main Lecture Hall (08:45 - 10:30)

-Conveners: Peter Müller-Buschbaum

time	[id] title	presenter
08:45	[13] Low temperature synthesis of TiO ₂ thin films with micrometer-sized channels via wet imprinting	Mr WANG, Tianyi
09:15	[8] In situ growth of titania films by spray deposition for solid-state dye-sensitized solar cells	Mr CALLER, Herbert
09:45	[9] Oxygen storage in CeO ₂ /Pt: XAS and DFT studies	BRAGLIA, Luca

Student Sessions: Later Morning Session I - Main Lecture Hall (10:45 - 12:45)

-Conveners: Matthias Frontzek

time	[id] title	presenter
10:45	[3] Halogen-bonded co-crystals for ferroelectric materials: synthesis, crystal growth and structural investigations	Ms MAKHOTKINA, Olena
11:15	[40] Acceleration of pyroclastic particles and high-speed impacts: numerical simulations.	Mr GOLUBEV, Alexandr
11:45	[16] Linear Dichroism in the Fe K-edge of Magnetite	Ms ELNAGGAR, Hebatalla

Student Sessions: Early Afternoon I - Main Lecture Hall (14:00 - 16:00)

-Conveners: Peter Müller-Buschbaum

time	[id] title	presenter
14:00	[7] In-situ growth study of gold nano-domains on P3HT films for hybrid solar cells	Ms LIU, wei
14:30	[34] Synthesis of surface-functionalized silica mesophases containing ionic groups	Mr ABOUSERIE, Ahed
15:00	[2] Transient XAS measurement on platinum water-gas-shift catalysts	Ms CHEN, Binda

Student Sessions: Later Afternoon I - Main Lecture Hall (16:30 - 17:00)

-Conveners: Christine Papadakis

time	[id] title	presenter
16:30	[6] Towards equilibrium in thin films from binary blends of diblock copolymers – AFM and GISAXS investigations	Mr DARWEESH, Mohamed

Friday, 23 May 2014

Student Sessions: Early Morning Session II - Main Lecture Hall (08:30 - 10:00)

-Conveners: Sergio Di Matteo

time	[id] title	presenter
08:30	[14] Self-diffusion and roughness correlation in isotopic $^{56}\text{Fe}/^{57}\text{Fe}$ bilayers	Ms GONG, Jing
09:00	[0] In situ characterization of ceria-based redox materials for solar thermochemical H_2O and CO_2 splitting	Mr SALA, Simone
09:30	[11] Study of the coalescence kinetic in oxide dispersion strengthened alloys	Mr THUAL, Marc-Antoine

Student Sessions: Later Morning II - Main Lecture Hall (10:30 - 12:30)

-Conveners: Werner Paulus

time	[id] title	presenter
10:30	[18] Formation of biomimetic carbonate crystals: Particle assembly vs. classical growth	Ms ZHANG, Quanling
11:00	[17] Non-stoichiometric transition metal oxides: exploring changes of structures and valance states by in situ neutron and synchrotron radiation.	Mr MAITY, Avishek
11:30	[19] Tuning of magnetic properties on $\text{CaFeO}_{2.5}/\text{SrCoO}_{2.5+\delta}$ heterostructures	Mr DUTTA, Rajesh

Student Sessions: Early Afternoon II - Main Lecture Hall (14:00 - 16:00)

-Conveners: Christoph Morkel

time	[id] title	presenter
14:00	[5] Improving sound insulation on heating floors	Mr KELLER, Alexis
14:30	[15] "Phase transitions in aperiodic composite materials."	Mr MOHAMMED, Ahmed
15:00	[23] Low - temperature synthesis of nano-patterned TiO_2 thin films by combining sol-gel synthesis and nano-imprinting	ABDELSAMIE, Amr
15:30	[4] Projects management about technical problematic on perfume bottle glass defects that may appear during manufacturing steps.	Mr NOYER, Germain

Saturday, 24 May 2014

Student Sessions: Early Morning III - Main Lecture Hall (08:30 - 10:00)

-Conveners: Pieter Glatzel

time	[id] title	presenter
08:30	[12] In situ studies of New Energetic Materials for use in fuel cells proton Conducting	Mr WU, wenbin
09:00	[10] Phase Transitions in Telluride Materials by X-ray Diffraction and Neutron Scattering	Ms KREKA, Kosova
09:30	[20] Morphology changes of organic solar cells introduced via aging	Ms INDARI, Efi Dwi