

HORIZON 2020 MSCA - Marie Skłodowska-Curie Actions
RISE-2014 - Research and Innovation Staff Exchange
645676-TUMOCS - TUneable Multiferroics based on oxygen OCTahedral Structures

International Workshop

Non-conventional methods of preparation and characterization of functional materials

10th-12th of July 2018, University of Aveiro, Aveiro, Portugal

PROGRAMME

10 th of July, Tuesday		
15.00-21.00	Arrival to Aveiro	
11 th of July, Wednesday. Building III, CESAM conference room		
09.15-09.50	Opening of the Workshop. Introduction to CICECO and DEMaC	João Rocha Mário Ferreira
09.50-10.25	Multifunctional materials beyond conventional solid state chemistry	Lara Righi
10.25-11.00	Nano-scale analysis of ferroic properties in multiferroic (hetero)structures	Ali Baghizhadeh
11.00-11.20	Coffee break	
11.20-11.55	Thin film deposition of complex materials	Edmondo Gilioli
11.55-12.30	Dielectric spectroscopy: possibilities for advanced science	Maksim Ivanov
12.30-14.30	Lunch (restaurant 2 Duques)	
14.30-15.05	High-pressure high-temperature synthesis of novel multiferroic perovskites and their magneto-electric characterization	Davide Delmonte
15.05-15.30	Ultrasound-induced effects in shape memory materials	Vasili Rubanik Jr.
15.30-15.55	High-power sonication assisted synthesis of layered double hydroxides (LDHs)	Daniel Vieira
15.55-16.10	Coffee break	
16.10-16.35	Some peculiarities of formation of Co-Al and Ni-Al LDH coatings on non-aluminium substrate	Yuriy Shapovalov
16:35-17:00	Co-Al-LDHs as objects for optical measurements	Irina Lukienko
20.00-22.00	Dinner (restaurant Salpoente)	
12 th of July, Thursday		
10.00-12.30	Visit to the CICECO's X-ray and electron diffraction facilities at Department of Materials and Ceramic Engineering, Department of Chemistry and Central Analytical Lab	
16.30-17.00	Open discussion: Plans for technical activities. Collaborations beyond the TUMOCS consortium	Andrei Salak (moderator)
13 th of July, Friday		
15.00-22.00	Departure from Aveiro	