



universidade de aveiro



departamento de engenharia de materiais e cerâmica



HORIZON 2020 - The EU Framework Programme for Research and Innovations  
 MSCA - Marie Skłodowska-Curie Actions  
 RISE-2014 - Research and Innovation Staff Exchange  
 645676-TUMOCS - TUneable Multiferroics based on oxygen Octahedral Structures

## International Workshop

### *Sol-gel method: preparation and characterization of nanomaterials*

6<sup>th</sup>-7<sup>th</sup> of July 2017, University of Aveiro, Aveiro, Portugal

### PROGRAMME

5 <sup>th</sup> of July, Wednesday		
15.00-21.00	Arrival to Aveiro	
6 <sup>th</sup> of July, Thursday		
09.30-09.50	Opening of the Workshop. Introduction to project TUMOCS	Andrei Salak
09.50-10.30	Atomic oxygen assisted epitaxial BaTiO <sub>3</sub> (001) thin films based artificial multiferroic heterostructures	Antoine Barbier
10.30-11.00	A novel approach for the fabrication of LDH: reconstruction or sol-gel synthesis?	Aivaras Kareiva
11.00-11.20	<b>Coffee break</b>	
11.20-11.50	Wet-Chemistry in the processing of bioceramics	Inga Grigoravičiūtė-Purionienė
11.50-12.20	Chemical solution deposition of functional oxide thin films	Aleksej Žarkov
12.30-14.30	<b>Lunch</b>	
14.30-15.00	Multiferroic metastable BiFe <sub>1-y</sub> Sc <sub>y</sub> O <sub>3</sub> perovskites: puzzling magnetic properties	Elena Fertman
15.00-15.30	Dielectric spectroscopy of nanoceramics and thin films	Robertas Grigalaitis
15.30-15.50	Development of layered double hydroxides with controllable magnetic characteristics	Daniel Vieira
15.50-16.10	Optical measurements of layered double hydroxides	Irina Lukienko
16.10-16.30	<b>Coffee break</b>	
16.30-17.00	Open discussion: Plans for technical activities and secondments. Collaborations beyond the TUMOCS consortium	Andrei Salak (moderator)
20.00-22.00	<b>Dinner</b>	
7 <sup>th</sup> of July, Friday		
10.00-12.30	Visit to Department of Materials and Ceramic Engineering	
15.00	Departure from Aveiro	