

TUESDAY, September 10 AM2- - Smart Processing under Extreme Conditions. Chair: Olivera Milosevic

Room	Time	Type of contribution	Presenting Author	Title or Paper Reference Number
Andalucía 6	11:00	Invited	Naito M.	One-step mechanical processing to create nanocomposite structure and its applications for advanced materials
	11:20			
	11:40	Oral	Trindade B.	Effect of particle size of starting oxide powders on the performance of doped- lanthanum oxyapatite for SOFC electrolyte materials produced by mechanical alloying
	12:00	Oral	Kharlamova T.	Mechanochemical synthesis of doped apatite-type lanthanum silicates
	12:20	Oral	Kallel A.	From processing to modelling: hot uniaxial pressing of a nanostructured N-type Si80GE20
12:40	Oral	Farinha A.R.	Effect of explosive powders consolidation in phasic composition of bulk 316L stainless steel	

TUESDAY, September 10 PM1- -Synthesis-Structure-Properties Relationship in Advanced Materials. Chair: Makio Naito

Andalucía 6	15:00	Invited	Kato T.	Transmission electron microscopy study of YxGd1-xBa2Cu3Oy superconductive layer containing BaZrO3 particles
	15:20			
	15:40	Oral	Ressnig D.	From simple metal carbodiimides to functional materials
	16:00	Oral	Lusiola T.	Microstructure study of piezoelectric KNN thick films and fibres
	16:20	Oral	Peszke J.	Structural and spectroscopic investigation of copper oxides nanoparticles with various capping agents
16:40	Oral	Fuenzalida V.	Hydrothermal fabrication of ZrO2 nanostructures: effect of the synthesis conditions	

WEDNESDAY, September 11 AM2- - Tailored Made Functional Materials. Chair: Kazumi Kato

Andalucía 1	11:00	Invited	Ohara S.	Mechanochemical synthesis of nanocarbons and ceramic nanoparticles by a high-energy ball-milling
	11:20			
	11:40	Oral	Grasset F.	Synthesis and characterization of colloidal solutions, nanoparticles and thin films of @ZNO and @SiO2 nanomaterials
	12:00	Oral	Milosevic O.	The feasibility of aerosol route in the optically active nanoparticles processing
	12:20	Oral	Rabanal M.	Synthesis and luminescence properties of multifunctional AG/Y2O3: EU3+ hybrid nanostructures with zero dimension
12:40	Oral	Numako C.	Characterizations for biogenic nano crystalline magnetite in teeth of chiton with X-ray analyses	

WEDNESDAY, September 11 PM1 -Soft Chemical Processing. Chair: Bruno Trindade

Andalucía 1	15:00	Invited	Kato K.	Nano-sized single crystals and their potentials; shape, composition, assembly, interface and functions
	15:20			
	15:40	Oral	Philippot G.	From Ba1-xSrxTiO3 (with 0 ≤ x ≤ 1) synthesis in supercritical fluids to advanced nanostructured ferroelectric ceramics
	16:00	Oral	Gerber O.	Synthesis of porous iron oxide nanostructures:synthesis mechanism and structural properties
	16:20	Oral	Sellemi H.	Synthesis of nanocrystalline ion conductor La2Mo2O9 by polyol process
16:40	Oral	Mourdikoudis S.	Aqueous synthesis of Au-Pt nanodimers triggered by pre-synthesized Pt nanodendrites	