



POSTERS LIST

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Poster session (PhD Student) - PA:

(Monday) September 05, 2016 (before the first coffee break) and should be removed (Wednesday) September 07, 2016 (after the morning coffee break).

Poster session (Seniors) - PB:

(Wednesday) September 07, 2016 (after the morning coffee break) and should be removed (Friday) September 09, 2016 (after the morning coffee break).



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Presenting Author		Topic	Poster Title	Number	
Alizadeh	Mahshid	Switzerland	Other	Using Aramid Cis-trans Isomerization as a Model for Auxetic behavior	PA28
Antonucci	Alessandra	Switzerland	Nanobiotechnologies and Nanomedicine	Interaction of single-walled carbon nanotubes (SWCNTs) with photosynthetic systems	PA8
Apebende	Edward	Switzerland	Nanostructured and nanoparticle based materials	Synthesis and characterization of stimuli responsive block copolymers for the reversible compatibilization of polymer blends	PA16
Armenta Calderón	Ricardo A.	Switzerland	Other	Confinement-induced stable liquid phases mimicking the behavior of lipid bilayers	PB38
Averett	Kent	USA	Low dimensional materials	Field Emission Behavior of Self-Assembled and Patterned Gallium Nitride Nanowire Arrays	PB10
Beheshtian	Javad	Iran	NanoChemistry	A density functional study of carbon monoxide on pristine and Li-encapsulated fullerene-like BeO	PB14
Beheshtian	Javad	Iran	Graphene and 2D / Carbon nanotubes	Absorption of iron oxide nano clusters (Fe ₃ O ₄) on graphene surface: A density functional study	PB1
Boj	Sylvain	France	Nanostructured and nanoparticle based materials	Combining SAXS and DLS for simultaneous measurements & time-resolved monitoring of nanoparticle synthesis	PB30
Bouju	Xavier	France	NanoChemistry	Atomic structure determination of the (2×2) reconstructions of the polar AlN(0001) surface and atomic metallic deposition	PB15
Calvino	Céline	Switzerland	Nanostructured and nanoparticle based materials	Towards Mechanochromic Materials Based on Non-Covalent Interactions	PA17
Chang	Huilin	Taiwan	Graphene and 2D / Carbon nanotubes	Self-Aligned Carbon Nanotube Formation for Next Generation Transistor	PB2
Chen	Shih-Ta	Taiwan	Nanobiotechnologies and Nanomedicine	Anti-tumor and Anti-metastasis Activities of Dichloro (1, 2-diaminocyclohexane) Platinum (II) (DACHPt)-Incorporated Hyaluronic Acid Nanoparticles in Colon Cancer and Melanoma Model in vivo	PB11
Chilibon	Irinela	Romania	NanoChemistry	Sensitive Electrodes of Azulene-Based Complexing Polymer Films for Heavy Metal Ions Detection	PB16
Choi	Won San	South Korea	Nanostructured and nanoparticle based materials	Portable Polyelectrolyte Brush-Coated Sponge Composites for Environmental Remediation	PB31
Crippa	Federica	Switzerland	Low dimensional materials	Influence of ligand exchange on crystallography, magnetic and thermal behavior of iron oxide nanoparticles for hyperthermia	PA6
Croy	Alexander	Germany	Theory and modelling at the nanoscale	Valence-force model and nanomechanics of single-layer phosphorene	PB45
del Prado Abellán	Anselmo	Switzerland	Nanostructured and nanoparticle based materials	Towards high performance supramolecular materials	PB32
Demchenko	Anna	France	Nanomagnetism and Spintronics	Investigation of dynamics of Permalloy-Molybdenum flakes by magneto-optical time-resolved spectroscopy	PB20
Drechsler	Susanne	Switzerland	Other	Aromatic Amides and their use for self-assembly	PA29
Fairchild	Steven	USA	Graphene and 2D / Carbon nanotubes	Carbon Nanotube Fiber Array Field Emission Cathodes	PB3
Fenta	Abel	Switzerland	Graphene and 2D / Carbon nanotubes	Graphene and adatoms: ab initio calculations and hyperfine interactions	PA1
Fernandes	Edgar	Switzerland	Low dimensional materials	Experimental Determination of the Adsorption Sites of Individual Metal Atoms on MgO(100) Thin Films	PA7
Filik	Hayati	Turkey	NanoChemistry	Simultaneous electrochemical determination of ascorbic acid, dopamine, uric acid and tryptophan with azure A-interlinked multi-walled carbon nanotube/gold nanoparticle composite modified electrode	PB17
Froufe	Luis	Switzerland	NanoOptics/NanoPhotonics/ Plasmonics/Nanophononics	Localized magnetic plasmons in all-dielectric structures	PB25
Froufe	Luis	Switzerland	NanoOptics/NanoPhotonics/ Plasmonics/Nanophononics	Magneto-optical activity in high-index dielectric materials	PB26
Fuchs	Nathan	Switzerland	NanoOptics/NanoPhotonics/ Plasmonics/Nanophononics	Biotemplating white beetle scales for isotropic high index photonic materials	PA14



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Gopalan	Anantha lyengar	South Korea	Nanomaterials for Energy	Novel Manganese oxide-Titanium dioxide-Graphene Based Tetranary Nanohybrids for High-Performance Supercapacitor	PB22
Graterol	Sandra	Switzerland	Nanostructured and nanoparticle based materials	One-component nanocomposites based on polymer-grafted cellulose nanocrystals	PA18
Guerra	Carlos	Switzerland	Graphene and 2D / Carbon nanotubes	Surface and interface engineering of TiO ₂ thin films deposited on carbon nanotubes by Atomic Layer Deposition	PA2
Haberko	Jakub	Poland	NanoOptics/NanoPhotonics/ Plasmonics/Nanophononics	Three-dimensional networks derived from hyperuniform point patterns and their optical properties	PB27
Hatefi Chaharborj	Mohammad	Iran	Graphene and 2D / Carbon nanotubes	Dielectric properties of nematic liquid crystal doped with Graphene nanoplates	PB4
Hauser	Daniel	Switzerland	Nanobiotechnologies and Nanomedicine	Stimuli-responsive polydopamine/protein nanoparticles can target cancer cells and induce cell death	PA9
Hengsberger	Stefan	Switzerland	Nanostructured and nanoparticle based materials	Optimisation of the demoulding properties of plastic parts with micro/nano surface treatments: an eurostars project	PB33
Héroguel	Florent	Switzerland	Nanostructured and nanoparticle based materials	Chemical layer deposition of porous alumina overcoats increases activity and stability in liquid phase catalytic conversion of biomass-derived chemicals	PB34
Hohl	Diana Kay	Switzerland	Nanostructured and nanoparticle based materials	Hyperbranched, supramolecular polymer adhesives exhibiting high toughness and stiffness	PA19
Hsieh	Ming-Yang	Taiwan	Theory and modelling at the nanoscale	Optimization of a broadband and omnidirectional anti-reflection layer for Cu ₂ ZnSnS ₄ solar cells	PB46
Isapour	Golnaz	Switzerland	NanoOptics/NanoPhotonics/ Plasmonics/Nanophononics	Smart Photonic Crystals of Stimuli-responsive Microgels	PA15
Jafari	Mahmoud	Iran	Graphene and 2D / Carbon nanotubes	Electronic and Optical properties of interstitial Fe in graphene nanosheet	PB5
Jafari	Maryam	Iran	Graphene and 2D / Carbon nanotubes	Magnetic properties of interstitial Fe in graphene nanosheet	PB6
Jajcevic	Kristina	Switzerland	Nanostructured and nanoparticle based materials	Gold nanowire fabrication with lipid nanotubes	PA20
Jeong	Jung Hyun	South Korea	Other	Fluorescence properties with redshift of Eu ²⁺ emission in novel phosphor-silicate apatite Sr ₃ LaNa(PO ₄) ₂ SiO ₄ phosphors	PB39
Jeong	Jung Hyun	South Korea	Other	Crystal structure and upconversion luminescence properties of Er ³⁺	PB40
Kahya	Nilay	Turkey	Graphene and 2D / Carbon nanotubes	Optical Properties and Characterization of Graphene Oxide-Chitosan Composites through Tensile Testing, TGA/FTIR Analysis	PA3
Kim	Kwang Bum	South Korea	Nanomaterials for Energy	Physical and Chemical Modification of Graphene for Electrochemical Energy Storage Applications	PB23
Kong	Phally	Switzerland	NanoChemistry	Synthesis of aramide rod-like molecules and re-entrant honeycomb structure for the investigation of auxetic polymers	PA11
Kwon	Oh Hyeong	South Korea	Nanobiotechnologies and Nanomedicine	Guiding Bone Regeneration Using Surface Hydrophobized Silk Fibroin Nanofibrous Membranes	PB12
Le Monnier	Benjamin	Switzerland	Nanostructured and nanoparticle based materials	Chemical Layer Deposition of metal oxide overcoats with targeted porosity by Stoichiometric and Kinetic control	PA21
Lee	Ha-Jin	South Korea	Nanostructured and nanoparticle based materials	Silica Micelles (Hydrophilic Core@Amphiprotic Shell) for Multiple Applications	PB35
Lee	Kwang Pill	South Korea	Graphene and 2D / Carbon nanotubes	A Green One-step Approach for the Synthesis of Graphene Included Bismuth Oxychloride Nanosheets and Photoelectrochemical Sensing	PB7
Lewadnowska	Kornelia	Poland	Graphene and 2D / Carbon nanotubes	Spectroscopic properties of the complexes formed by graphene oxide and porphyrins substituted with aryl group	PB8
Lim	Dong Woo	South Korea	Nanobiotechnologies and Nanomedicine	Electric Field-responsive Anisotropic Nano-architectures for Dual Drug Delivery Systems	PB13
López-Sánchez	Jesús	Spain	Nanomagnetism and Spintronics	Temperature dependence on the magnetic, morphological and structural properties of Fe ₃ O ₄ (111)/SrTiO ₃ (111) thin films grown by PLD	PA12
Marka	Sandeep Kumar	India	Nanomaterials for Energy	Co ₂ Mo ₃ O ₈ /Reduced Graphene Oxide Composite: Synthesis, Characterization, and its Role as a Prospective Anode Material in Lithium Ion Batteries	PA13



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Martinez Garcia	Julio Cesar	Switzerland	Nanostructured and nanoparticle based materials	Evaluating the magnetic anisotropy temperature dependence of (SPIONs) system	PB36
Meesorn	Worarin	Switzerland	Nanostructured and nanoparticle based materials	Improving the Filler Dispersion in Polymer Nanocomposites with Cellulose Nanocrystals	PA22
Molaei	Amir Hossein	Iran	NanoOptics/NanoPhotonics/ Plasmonics/Nanophononics	Optical characterization of graphene doped liquid crystalline matrix using z-scan technique	PB28
Moore	David	Switzerland	Other	Functional microcapsules with inorganic-organic thick shells using sol-gel chemistry	PA30
Mousadakos	Dimitrios	Switzerland	Graphene and 2D / Carbon nanotubes	Nucleation of Sm and Dy on graphene on Ir(111)	PA4
Mugemana	Clément	Switzerland	Other	Ring Opening Metathesis Polymerization of Cyclopentene Using a Ruthenium Catalyst Confined by a Branched Polymer Architecture	PB41
Natterodt	Jens	Switzerland	Nanostructured and nanoparticle based materials	Polymer nanocomposites with cellulose nanocrystals functionalised with 2-ureido-4[1H]pyrimidinone	PA23
Nazzani	Francesco	Switzerland	Other	Characteristics of strong glass formers in charged microgel systems	PA31
Neek-Amal	Mehdi	Iran	Theory and modelling at the nanoscale	N-doped graphene: polarization effects and structural properties	PB47
Neumann	Laura	Switzerland	Nanostructured and nanoparticle based materials	The Mechanoresponsive Nature of Metallosupramolecular Polymers	PA24
Ofner	Alessandro	Switzerland	Other	High throughput microfluidic glass devices to form functional materials	PA32
Olaechea	Luis	Switzerland	Nanostructured and nanoparticle based materials	Stimuli-responsive Pt ⁽⁰⁾ containing metallosupramolecular polymers	PA25
Park	Kyeongsoon	South Korea	Nanomaterials for Energy	Thermoelectric Properties of Ca _{2.9} M _{0.1} Co ₄ O ₉ (M = Li, Na, and K) and Ca ₃ Co _{3.9} N _{0.1} O ₉ (N = Li, Na, and K) Fabricated by Spark Plasma Sintering Process	PB24
Popov	Vladimir	Russia	NanoChemistry	"In-situ" synthesis of TiC reinforcing nanoparticles inside aluminium matrix from nanodiamond and titanium precursors during mechanical alloying	PB18
Rascher	Daniela	Germany	Graphene and 2D / Carbon nanotubes	Amplitude- and Phase-Resolved Infrared Imaging of 2D Materials	PB9
Rashedi Gazari	Ali	Iran	NanoOptics/NanoPhotonics/ Plasmonics/Nanophononics	The role of hopping energy of electrons in graphene on bangap of a periodic graphehe-dielectric structure	PB29
Rouster	Paul	Switzerland	Nanostructured and nanoparticle based materials	Functionalization of titanate nanostructures for bioapplications	PB37
Sautaux	Julien	Switzerland	Nanostructured and nanoparticle based materials	Supramolecular polymer solids with orthogonal binding motifs	PA26
Schaffner	Manuel	Switzerland	Other	Multimaterial magnetically assisted 3D printing of composite materials	PA33
Senbil	Nesrin	Switzerland	Other	Active microrheology in an emulsion glass	PB42
Serrano	Aida	France Spain	Other	Combination of surface plasmon resonance and X-ray absorption spectroscopy: SPR-XAS setup	PB43
Shirole	Anuja	Switzerland	Nanostructured and nanoparticle based materials	Shape Memory Composites Based on Electrospun Poly(vinyl alcohol) Fibers and a Thermoplastic Polyether Block Amide Elastomer	PA27
Stolz	Samuel	Switzerland	High spatial resolution spectroscopies under SPM probe	Formation of enantioselective molecular structures on the PdGa:A(-1-1-1)Pd ₃ surface	PA5
Wu	ZhengMing	Switzerland	Nanofabrication Tools and Nanoscale Integration	Sub-20 nm lift-off techniques without charged particle damage using Thermal Scanning Probe Lithography	PB19
Zhang	Chi	Switzerland	Other	Structural signatures of the glass transition in emulsions	PB44
Zhukov	Arcady	Spain	Nanomagnetism and Spintronics	GMR Effect in Co-Cu Microwires	PB21
Zubkovs	Vitalijs	Switzerland	Nanobiotechnologies and Nanomedicine	Single-walled carbon nanotube-based optical sensors for continuous glucose monitoring	PA10