

SLONANO 2013 POSTER PROGRAMME, 23 - 25. October

No.	full name	title
01	Tina Mavrič	Synthesis of Ag/ZnO Composite Photocatalysis via Hydrothermal Route
02	Andreja Eršte	Dielectric investigations of PVDF-MoS <sub>2</sub> nanotube composite thin films
03	Christoph Gadermaier	Long-lived photoexcitations in single- and few-layer MoS <sub>2</sub>
04	Andreja Jelen	Defining dynamic mechanical properties of nano-composite coating
05	Tetiana Borzda	Charge carrier photogeneration in single- and few-layer MoS <sub>2</sub>
06	Eva Kalšek	Composites of inorganic nanotubes and polymerizable liquid-crystalline materials
07	Nina Kostevšek	Bifunctional FePt/Au nanoparticles with a combined magneto-photothermal effect
08	Vera Obradovic	Ballistic Test of Silica Nanoparticles Reinforced Thermoplastic Composites
09	Nevenka Flajs	Influence of organic dyes on adsorption of Ag/ TiO <sub>2</sub> nanoparticles onto cellulose
10	Daniel Sebok	Innovative sensorial application of zinc peroxide thin hybrid films with modified surfaces for detection of ethanol and n-hexane vapours
11	Andrea Majzik	Surface functionalized AuNPs for detectation of AFB <sub>1</sub>
12	Olivija Plohl	Hydrothermal synthesis of NaYF <sub>4</sub> nanoparticles
13	Anastasia Samodurova	Ageing of 3Y-TZP ceramics co-doped with silica and alumina
14	Miha Grilc	Nanostructured catalysts for liquefaction and upgrade of lignocellulosic biomass
15	Gleb Veryasov	MoS <sub>2</sub> nanoparticles as catalyst for hydrodeoxygenation of liquefied wood
16	Katarina Vojisavljevič	Self-sustained combustion synthesis of the p-type nanocrystalline CuAlO <sub>2</sub> powder
17	Ahmed Kreta	Hydrogenation of C <sub>60</sub> into nanographenes
18	Melita Rutar	A rapid microwave-assisted transformation of protonated titanate nanoribbons to anatase nanoribbons
19	Moom Sinn Aw	Conversion of greenhouse gases to fuel gases: A study of design parameters for ceria-zirconia based Ni-Co catalysts in CH <sub>4</sub> -CO <sub>2</sub> dry reforming
20	Daniele Vella	Near Field Optical Microscopy of carbon nanotubes and Shear Force analysis of surfaces
21	Víctor Vega Mayoral	Spatially resolved transillumination
22	Maja Trček	The influence of anisotropic nanoparticles on blue phase stabilization
23	George Cordoyiannis	Nanoparticle induced and stabilized liquid-crystalline phases
24	Klemen Strojjan	Reduced Toxicity of Functionalized PEI Coated Nanoparticles
25	Irena Drevensek Olenik	Thermal stability and structure of guanine nanowires with GC overhangs
26	Dalija Jesenek	Topological defects on thin toroidal nematic shells
27	Natalia Denusyuk	Electronic structure of TIPb <sub>2</sub> Cl <sub>5</sub> , a prospective non-linear optical material
28	Urška Gradišar	Indication of irradiation food by extracting phytolits from the plant
29	Miloš Borovšak	Single molecule conductivity of metal-DNA complexes shows metallic behaviour
30	Primoz Jovanovic	Corrosion of Pt-based electrocatalysts under potentiodynamic conditions
31	Matej Prijatelj	Optical diffraction gratings in light-sensitive liquid crystal elastomers
32	Igor Vaskivskyi	Photoinduced phase transition to a hidden state in 1T-TaS <sub>2</sub> by a single 50-fs laser pulse
33	Ljupka Stojčevska Malbašič	Femtosecond relaxation dynamics in different complex collective materials: cuprate and iron-based pnictide superconductors and charge-density wave systems
34	Janko Jelenc	Friction properties of polyvinylidene fluoride with added MoS <sub>2</sub> nanotubes
35	Marko Djorić	Nanoparticles released during explosions of pirotechniques