

SLONANO 2012 POSTER PROGRAMME

No.	SURNAME	NAME	WEDNESDAY, October 25	TITLE
P1	Pelipenko	Jan	Nanotechnology in Biomedicine	Effect of relative humidity during electrospinning on nanofiber morphology
P2	Zavašnik	Janez	Nanotechnology in Biomedicine	Synthesis of Fe-sulphides by chemical vapour transport method
P3	Kostevšek	Nina	Nanotechnology in Biomedicine	Electrochemical study of deposition of nanowires based on Fe70Pd30 system for medical purposes
P4	Arshad	Mugammad Shahid	Nanotechnology in Biomedicine	Fabrication and Magnetic Properties of CoPt Nanostructures
P5	Šuštar	Vid	Nanotechnology in Biomedicine	Shear-induced formation of biological nanoparticles
P6	Bedina Zavec	Apolonija	Nanotechnology in Biomedicine	Vesiculability of platelets and concentration of nanovesicles isolated from blood
P7	Slokar	Tanja	Nanotechnology in Biomedicine	Microvesicles in isolates from blood from patients undergoing knee arthroscopy in local anaesthesia
P8	Janša	Rado	Nanotechnology in Biomedicine	Effect of imatinib on vesiculability of platelets in patients treated due to gastrointestinal stromal tumor
P9	Soderžnik	Marko	Nanotechnology in Biomedicine	The grain-boundary diffusion process in Nd-Fe-B sintered magnets based on the electrophoretic deposition of DyF3
P10	Zarja	Muršič	Nanotechnology in Biomedicine	Nanovesiculation of blood cells during isolation is not suppressed by fixatives
P11	Lojk	Jasna	Nanotechnology in Biomedicine	Uptake Pathways and Intracellular Fate of Functionalized Cobalt Ferrite Nanoparticles
P12	Pušnik	Klementina	Nanotechnology in Biomedicine	Preparation of aqueous suspensions of maghemite nanoparticles stabilized with
P13	Budime Santhosh	Poornima	Nanotechnology in Biomedicine	Encapsulation of nanoparticles in lipid vesicles and their influence on membrane fluidity
P14	Samodurova	Anastasia	Nanotechnology in Biomedicine	The effect of silica sol infiltration on the low temperature degradation of dental zirconia ceramics
P15	Šimundić	Metka	Nanotechnology in Biomedicine	Effect of engineered TiO ₂ and ZnO nanoparticles on erythrocytes, platelet-rich plasma and giant unilamellar phospholipid vesicles

No.	SURNAME	NAME	THURSDAY, October 24	TITLE
P1	Birsa Čelič	Tadeja	Nanoporous structures and materials	Ex Situ XAS Study of the Solvothermal Crystallization of Nanoporous Iron Trimesates
P2	Ristič	Alenka	Nanoporous structures and materials	The composite water sorbent for heat storage
P3	Kos	Tomaž	Nanoporous structures and materials	Modification of CO ₂ adsorption via ligand variation in aluminium-based metal organic framework materials
P4	Žunkovič	Emanuela	Nanoporous structures and materials	Impact of different nickel salts incorporated in Fe-MIL101(NH ₂) on CO ₂ sorption capacity
P5	Šutar	Petra	Nanoporous structures and materials	Growing different forms of TaS ₃ crystals and related compounds for ultrafast switching devices
P6	Darja	Maučec	Nanoporous structures and materials	Characterization of porous photocatalyst based on ZnO nanoparticles
P7	Khomyakova	Evgeniya	Nanoporous structures and materials	The influence of heat treatment conditions on microstructure of aluminium oxide thin film on silicon substrate
P8	Babič	Matej	Nanoporous structures and materials	Use fractal geometry to describe nanoporous structures of hardened materials
P9	Jovanović	Mina	Nanoporous structures and materials	Removal of Mn(II) from aqueous solution using zeolite A: mechanism and kinetics

No.	SURNAME	NAME	FRIDAY, October 26	TITLE
P1	Veryasov	Gleb	Complex soft matter and colloids	Sulphidization of Molybdenum Coordination Compound
P2	Buh	Jože	Complex soft matter and colloids	MoN nanowires: Progress in synthesis, magnetic and transport measurements
P3	Madan	Ivan	Complex soft matter and colloids	Nanoscale topological defect generation under non-equilibrium normal-to-superconducting phase transition
P4	Pogrebna	Anna	Complex soft matter and colloids	Magneto-optical time-resolved study of Eu ²⁺ spin dynamics in EuFe ₂ (As _{1-x} P _x) ₂ pnictide superconductor
P5	Višič	Bojana	Complex soft matter and colloids	Structural and mechanical properties of PVDF-MoS ₂ nanotubes composites
P6	Svetin	Damjan	Complex soft matter and colloids	Quick fabrication of custom shaped electrodes and their positioning with laser lithography
P7	Mikulska	Iuliia	Complex soft matter and colloids	XAS studies of magnetic properties in Fe-doped BaTiO ₃
P8	Kovič	Andrej	Complex soft matter and colloids	Molybdenum based Nanowires and Nanotubes and their decoration with noble metals nanoparticles
P9	Kosmaca	Jelena	Complex soft matter and colloids	Characterization of Ge nanowire based nanoelectromechanical mass sensor and its application for mass determination and transport of graphene and graphite nanoparticles
P10	Simič	Rok	Complex soft matter and colloids	Formation of boundary films on diamond-like carbon by adsorption of polar molecules
P11	Kogovšek	Janez	Complex soft matter and colloids	The effect of surface roughness and running-in on the lubrication of steel surface with MoS ₂ nanotubes in oil
P12	Topolovšek	Peter	Complex soft matter and colloids	Thermal transformations and doping of MoSi nanowires with addition of alkali and alkaline earth metals
P13	Jesenek	Dalija	Complex soft matter and colloids	Influence of geometry on topological defects located on thin nematic shells
P14	Nikkhou	Maryam	Complex soft matter and colloids	Topological defects on a glass micro-cylinder in a thin layer of nematic liquid crystal
P15	Kokot	Gašper	Complex soft matter and colloids	Magnetically self-assembled colloidal 3D structures as cell growth scaffold
P16	Ryzhkova	Anna	Complex soft matter and colloids	Dielectric relaxation modes and electrooptical response of FLC/gold nanoparticles dispersions
P17	Kovič	Andrej	Complex soft matter and colloids	Self-decoration of MoSi nanowires with noble metal nanoparticles