

POSTER PROGRAMME

Presentation No.	PARTICIPANT	TITLE
1	Rešetič Andraž	Anisotropic microrheological properties of chain-forming magnetic fluid
2	Eleršič Kristina	Highly reactive oxygen plasma for creating nanostructure materials
3	Japič Dajana	Preparation and characterization of hydrozincite and zinc oxide and their Photoluminescent properties
4	Podbršček Peter	Zinc silicate/ZnO particles as efficient UV absorbers
5	Bitenc Marko	How to prepare sphere- and rod-like ZnO particles
6	Češarek Maja	Kelvin probe force microscopy of C60 agglomerates and MoS2 exfoliated nanotubes
7	Carlo Dri	A FastSTM add-on module for the characterization of dynamical surface processes at the atomic scale
8	Miloš Borovšak	Physical studies of M-DNA complex on a single molecule level
9	Prosen Lara	Magnetic nanoparticle-Mediated <i>in vitro</i> Gene Delivery
10	Buh Jože	Hydrogen Disproportion in the High-Coercivity Nd-Fe-Al Amorphous Alloy
11	Peronio Angelo	A NH3-NO coadsorption complex on Pt(111)
12	Frunză Raluca Camelia	Solution derived tantalum oxide-based thin films processed at low temperatures: current-voltage characteristic
13	Skoporc Nejc	Water sorption in cellulose fibres
14	Drnovšek Aljaž	MoS ₂ molecular wire electron tunnelling selective nanosensor
15	Stojković Danijel	Biotin hydrazide derivatives for cellular imaging
16	Ogorevc Eva	Relation between total serum cholesterol and concentration of nanovesicles in blood isolates of patients with gastrointestinal diseases and of healthy subjects
17	Stojchevska Ljupka	Systematic doping dependence study of quasiparticle relaxation dynamics in Be(Fe, Co) ₂ As ₂ single crystals
18	Kučlar Matija	Electroplating
19	Anžlovar Alojz	ZnO nanoparticles as UV and thermal stabilizers in Poly(Methyl Methacrylate)
20	Bedina Zavec Apolonija	Cytometric measurements of blood nanovesicles
21	Kovič Andrej	Large-scale production of Molybdenum Nanowires
22	Chhikara Manisha	Initial stages of growth of Pentacene on graphene
23	Čoga Lucija	Interaction of DNA with divalent metal ions of zinc, cadmium and mercury
24	Jelenc Janko	Dispersion of MoS ₂ nanotubes in liquid media for tribological applications
25	Svetko Tomaž	Optical microstructuring of magnetic nanoparticle - polymer composites
26	Krivec Matic	Characterization of rutile nanoparticles synthesized from a peroxotitanium complex precursor
27	Podlogar Matejka	ZnO films grown on glass substrate by low-temperature hydrothermal synthesis
28	Mikulska Lulija	XAS Study of origin of the magnetism in Fe-doped BaTiO ₃
29	Dergan Ana	EPR study of interfacial charge transfer in titanium dioxide nanoparticles
30	Ivan Iskra	Self-lubricative coatings based on PEEK -MoS ₂ nanotubes composites
31	Svetin Damjan	Recent advances in the resolution of electron beam lithography at the JSI
32	Svetin Damjan	Maskless UV lithography with laser direct imaging system
33	Topolovšek Peter	Effect of MoSI nanowire transformations on optical absorption and electronic conductivity
34	Nika Košir	Single crystal surface preparation for STM nanostructuring
35	Tasič Blaž	Self-assembly of short G-rich DNA oligonucleotides with a GC terminus
36	Maver Uroš	EPR study of interfacial charge transfer in titanium dioxide nanoparticles
37	Miklavžin Ana	Protein and nanoparticle surface characterization using fluorescent dye Bis-ANS
38	Dragomir Mirela	Synthesis and optoelectronic properties of (Bi, Nd)VO ₄ photocatalyst
39	Jesih Adolf	Hexane – ammonia plasma polymerized anti-microbial surfaces
40	Tonezzer Matteo	Size-dependent response of single-nanowire gas sensors confirms depletion layer model
41	Ambrožič Gabriela	Poly(zinc dimethacrylate) as a precursor in the Formation of polymer-ZnO Hybrid Materials and/or ZnO Nanoparticles
42	Štukelj Roman	Effect of blood sampling on the number of nanovesicles in blood isolates
43	Šutar Petra	Low pressure synthesis of long and thin Mo ₂ S ₃ nanorods, and their conduction properties
44	Kovič Andrej	Large-scale production of Molybdenum nanowires