

32nd INTERNATIONAL SCIENTIFIC MEETING ON VACUUM SCIENCE AND TECHNIQUE

PROGRAM

Thursday, May 7

11:00 – 12:30	Registration
12:30 – 14:00	Lunch
14:00 – 14:10	Opening ceremony
Session 1 (chairman: Nikša Krstulović)	
14:10 – 14:40	Janez Zavašnik , Jožef Stefan Institute <i>In-situ liquid and gas experiments in TEM</i> (invited talk)
14:40 – 15:10	Jernej Ekar , Jožef Stefan Institute <i>Pick-up of organic molecules by mixed Ar clusters: A function of gas properties and composition</i> (invited talk)
15:10 – 15:40	Karolina Pietrzak , Institute of Physics, Zagreb <i>Platinum, silver, and gold-doped zinc oxide nanoparticles as a solid contact in nitrate-selective electrodes</i> (invited talk)
15:40 – 16:10	Coffee break
Session 2 (chairman: Miha Čekada)	
16:10 – 16:40	Tihana Čižmar , Ruđer Bošković Institute <i>Multicomponent transition-metal alloys and oxides with photocatalytic and antibacterial properties</i> (invited talk)
16:40 – 17:10	Lea Gazvoda , Jožef Stefan Institute <i>PLLA piezoelectric platforms for biomedical application</i> (invited talk)
17:10 – 17:40	Sponsor presentations
18:30 – 20:00	Dinner
20:00 – 22:00	Poster session and social program

Friday, May 8

7:00 – 8:50	Breakfast
Session 3 (chairman: Alenka Vesel)	
9:00 – 9:30	Gabriela Ambrožić , University of Rijeka, Faculty of Physics <i>Hybrid Materials by ALD/MLD: Integrating Organic, Inorganic, and Structural Design Across Different Dimensionalities</i> (invited talk)
9:30 – 10:00	Senad Isaković , Faculty of Science, University of Sarajevo <i>3D Au nanoparticle lattices in MoO₃ for tunable optical and thermo-electrical properties</i> (invited talk)
10:00 – 10:30	Jure Mravlje , University of Ljubljana, Biotechnical Faculty <i>Cold plasma seed treatment drives transgenerational microbiome changes in buckwheat</i> (invited talk)
10:30 – 11:00	Coffee break
Session 4 (chairman: Robert Peter)	
11:00 – 11:30	Andreja Šestan Zavašnik , Jožef Stefan Institute <i>Hydrogen and helium interactions with bcc metals and alloys</i> (invited talk)
11:30 – 12:00	Ivan Jakovac , Faculty of Science, University of Zagreb <i>NMR in high magnetic fields and low temperatures: a study of quantum magnetism in m-NO₂PhBNO and Ce₃Pd₂₀Si₆</i> (invited talk)
12:00 – 12:30	Mitja Kelemen , Jožef Stefan Institute <i>New upgrades and capabilities at the new ion accelerator at Jožef Stefan Institute</i> (invited talk)
12:30 – 12:40	Closing ceremony
12:40 – 14:00	Lunch