

## Programme schedule

<b>Wednesday (18.5.2022)</b>		
11:30 – 12:30	Registration	
12:30 – 13:55	Lunch	
13:55 – 14:00	Opening	
14:00-14:35	Plenary lecture chair: Mihael Grbić	<b>Miha Čekada</b> <i>(PL-1)</i> INDUSTRIAL DEPOSITION OF PVD HARD COATINGS – A PERSPECTIVE FROM VACUUM SCIENCE AND TECHNIQUE
14:35 – 15:00	Invited lectures chair: Mihael Grbić	<b>Dane Lojen</b> <i>(IL-1)</i> LOW PRESSURE PLASMA FUNCTIONALISATION OF FLUOROPOLYMERS
15:00 – 15:25		<b>Martina Vrankić</b> <i>(IL-2)</i> PRESSURE-DRIVEN AND PHOTOCATALYTIC DIVERSITY OF SHAPE-SELECTED ZnO PARTICLES
15:25 – 16:00	Coffee break	
16:00-16:25	Keynote lecture chair: Janez Kovač	<b>Mihael Grbić</b> <i>(KL-1)</i> ANISOTROPY-DRIVEN QUANTUM CRITICALITY IN AN INTERMEDIATE VALENCE SYSTEM
16:25 – 16:50	Invited lectures chair: Janez Kovač	<b>Borna Radatović</b> <i>(IL-3)</i> MACROSCOPIC SINGLE-PHASE MONOLAYER BOROPHENE ON ARBITRARY SUBSTRATES
16:50 – 17:15		<b>Mirjam Bajt Leban</b> <i>(IL-4)</i> CORROSION CHARACTERIZATION OF TI-6AL-4V ALLOY WITH DIFFERENT TYPES OF BLUE COLOUR SURFACE OXIDATIONS
18:30 – 20:00	Dinner	
20:00 – 22:00	Poster session and social programe	

Thursday (19.5.2022)		
7:30 – 8:45	Breakfast	
9:00 – 9:25	Keynote lecture chair: Iva Šrut Rakić	<b>Matjaž Finšgar</b> (KL-2) THE USE OF GAS CLUSTER ION BEAM IN ASSOCIATION WITH XPS/TOF-SIMS AND TANDEM TOF-SIMS FOR THE ANALYSIS OF ORGANIC/INORGANIC INTERFACES
9:25 – 9:50	Invited lectures chair: Iva Šrut Rakić	<b>Maurizio Rodriguez Ramos</b> (IL-5) CAPABILITIES OF THE ION BEAM MICROPROBE AT THE RUĐER BOŠKOVIĆ INSTITUTE
9:50 – 10:15		<b>Ivana Periša</b> (IL-6) MAGNETRON SPUTTERING DEPOSITION OF GE BASED CORE/SHELL QUANTUM DOT LATTICES IN ALUMINA MATRIX
10:15 – 10:40		<b>Tim Verbovšek</b> (IL-7) NOVEL IONIZATION GAUGE WITH A STRAIGHT-PATH ELECTRON BEAM
10:40 – 11:10	Coffee break	
11:10 – 11:35	Keynote lecture chair: Matjaž Finšgar	<b>Iva Šrut Rakić</b> (KL-3) HITCHHIKERS GUIDE TO STRAINTRONICS IN 2D MATERIALS - FRACTIONAL LANDAU LEVELS, ANISOTROPIC BANDS AND INTERACTIONS
11:35 – 12:00	Invited lectures chair: Matjaž Finšgar	<b>Neven Šantić</b> (IL-8) TOWARDS THE FIRST STRONTIUM OPTICAL ATOMIC CLOCK IN CROATIA
12:00 – 12:25		<b>Andreja Jagodar</b> (IL-9) MULTIMATERIALS BASED ON LOW TEMPERATURE PLASMA GROWN GRAPHENE AND LASER PRODUCED METAL AND METAL OXIDE NANOPARTICLES
12:25 – 12:50		<b>Nastja Mahne</b> (IL-10) MONTE CARLO SIMULATIONS OF SPUTTERING YIELD FOR DEPOSITION-RELEVANT TARGET MATERIALS
13:00 – 14:30	Lunch	
14:30-18:00	Discussions	
18:00 – 22:00	Dinner and social event	

<b>Friday (20.5.2022)</b>		
7:30 – 8:45	<b>Breakfast</b>	
9:00-9:35	<b>Plenary</b> chair: Maurizio Rodriguez Ramos	<b>Tonči Tadić (PL-2)</b> FUZIJA, ITER I DONES
9:35 – 10:00	<b>Invited Lectures</b> chair: Maurizio Rodriguez Ramos	<b>Jure Žigon (IL-11)</b> SURFACE TREATMENT OF LIGNOCELLULOSIC MATERIALS WITH DIELECTRIC BARRIER DISCHARGE IN CONFIGURATION WITH FLOATING ELECTRODE
10:00 –10:25		<b>Aleksandar Opančar (IL-12)</b> BIOELECTRONIC INTERFACES BY PVD OF SEMICONDUCTING ORGANIC PIGMENTS
10:25 – 10:55	<b>Coffee break</b>	
10:55– 11:20	<b>Invited Lectures</b> chair: Borna Radatović	<b>Marta Klanjšek Gunde (IL-13)</b> IRREVERSIBLE THERMOCHROMICS AND THE NEED OF VACUUM-RELATED TECHNOLOGIES
11:20 – 11:45		<b>Matej Bubaš (IL-14)</b> HYBRID METAL NANOISLANDS AS PLASMON-BASED SENSORS
11:45 – 12:00	<b>Closing ceremony</b>	
12:00 – 14:00	<b>Lunch</b>	
14:00	<b>Departure</b>	