

Strokovni dan F5

Etnografski muzej, 6. oktober 2023

začetek / start	govorec / speaker	naslov / title
9:00	Denis Arčon	Opening
9:05	George Cordoyiannis	New laboratory for high-resolution adiabatic scanning calorimetry and quartz crystal microbalance with dissipation monitoring
9:20	Žiga Gosar	NV Centers in a Diamond for Solid-State Physics Applications
9:35	Matjaž Gomilšek	DFT Calculations in Solid-State Physics
9:50	Jaka Zaplotnik	Applications of neural networks for investigation of material properties and structures in liquid crystals
10:05	Julia Petrović	Kondo effect in the CexLaLuScY (x = 0.05–1.0) correlated-electron high-entropy alloys
10:20	Izidor Benedičič	Surface ferromagnetism and nematicity in strontium ruthenate
10:35–11:15		ODMOR / BREAK
11:15	Goran Dražič	New dimensions in scanning transmission electron microscopy
11:45	Rok Podlipec	Correlative light/electron/ion microscopy
12:00	Boštjan Kokot / Petra Čotar	Modularity of the STED microscope
12:15	Aljaž Kavčič	Sources and detection of Quantum Light
12:30	Kaja Tušar	Nonlinear-B MRI
12:45–14:10		KOSILO / LUNCH
14:10	Uroš Jagodič	Two-Photon Polymerization: Building the Future Two Photons at a Time
14:25	Vid Bobnar / Nikola Novak	New optical setups for dielectric, electromechanical, and thermodynamic measurements
14:40	VSR Jampani	Water-Based Templating for Creating Thin Polymer Film Packages: Storing Gases, Liquids, and Living Organisms
14:55	Matjaž Malok	Selective detection of respiratory droplets
15:10	Jure Pirman	Construction of a polarimeter and analysis of transmission of light through a birefringent material
15:25	Peter Jeglič	SiQUID