

Session Program

23-26 Sept 2026



28th Congress of SCTM

Parrallel E-poster Presentations (1S)

Metropol Lake Resort
Naselba Dolno Konjsko bb, 6000 Ohrid, N. Macedonia

Thursday 24 September

16:45

Parallel E-poster Presentations (1S): Car Samoil Hall

Session | **Location:** Metropol Lake Resort, Car Samoil Hall

16:45–16:50

Electrodeposition of Metals from Lunar Regolith Dissolved in Reline

Speaker

Vesna Cvetković

16:50–16:55

Deposition of Dysprosium from Ethaline deep eutectic solvent

Speaker

Dr Nataša Petrović

16:55–17:00

Ternary thin film catalyst obtained by galvanic displacement method for formic acid electrooxidation

Speaker

Dusan Tripkovic

17:00–17:05

Electrochemical Sodium Storage in Hard Carbons Derived from Industrial Lignin Waste

Speaker

Tsvetelina Gerasimova

17:05–17:10

Deciphering sodium-ion insertion mechanism into hard carbon by ex-situ EPR spectroscopy

Speaker

Tsvetelina Gerasimova

17:10–17:15

Sodium Ion Mobility in Carbon Decorated $\text{Na}_4\text{Fe}_3(\text{PO}_4)_2\text{P}_2\text{O}_7$ Electrode Material: Comparative Study

Speaker

Trajche Tushev

17:15–17:20

Effect of Carbon Additives for Electrochemical Performance of Mixed Polyanion-Type Electrode Material $\text{NaFeVPO}_4(\text{SO}_4)_2$ for Sodium-Ion batteries

Speaker

Trajche Tushev

17:20–17:25

Peri-Annulated Diselenides as a Framework for High-Rate Organic Li/Na Electrodes

Speaker

Victoria Stoeva

17:25-17:30

Composite of ZnO with reduced graphene oxide as anode for sodium-ion batteries**Speaker**

Mr Trajce Trajkov

17:30-17:35

Rietveld Structural Analysis and Electrocatalytic Activity of $\text{GdMn}_{0.5}\text{M}_{0.5}\text{O}_3$ (M = Cr, Fe, Co, Ni, Cu) Double Perovskites toward Hydroxide Oxidation and Hydrogen Evolution Reactions**Speaker**

Besarta Cheliku Ramadani

17:35-17:45

Short discussion

17:45-17:50

Plasma Characterization and Matrix Effects in Hydrophilic Chia Seeds Studied by TEA CO₂ Laser-Induced Breakdown Spectroscopy**Speaker**

Dr Dragan Ranković

17:50-17:55

Where do Metallic Impurities Come From in Industrial Gases Detected by Laser-Induced Plasma Spectroscopy?**Speaker**

Milovan Stojiljkovic

17:55-18:00

Structural and Spectroscopic Data of Some Aquachloro Complexes**Speaker**

Mr Nikola Bojcevski

18:00-18:05

Interpreting Positive and Negative IR Reflectance-Absorbance Intensities in 2T2D Correlation Spectroscopy of Siloxane Films on Silicate Glass**Speakers**

Katerina Kraljevska, Dr Vladimir Ivanovski

18:05-18:10

TEMPERATURE-DEPENDENT STRUCTURAL DYNAMICS OF MOLECULARLY ENGINEERED INSULIN DETEMIR REVEALED BY X-RAY DIFFRACTION AND TWO-DIMENSIONAL CORRELATION ANALYSIS OF INFRARED AND RAMAN SPECTRA**Speaker**

Ljupcho Pejov

18:10-18:15

THEORETICAL IRMPD SPECTROSCOPY OF PROTONATED GLYCINE TAGGED WITH HYDROGEN AND HELIUM**Speaker**

Adela Asani

18:15-18:20

Benchtop NMR as a Feasible and Reliable Technique for Detection of Honey Adulteration

Speaker

Vesna Cvetković

18:20–18:25

Rapid authentication of salep in commercial products using VIS-NIR spectroscopy coupled by statistical methods**Speaker**

Dr Kosta Najkov

18:25–18:30

Redox Chemistry of Polyphenols- Green Synthesis of Silver Nanoparticles and Electrochemical Interactions of Quercetin with Dopamine**Speaker**

Sanja Lazarova

18:30–18:35

COMPLEXATION OF METAL CATIONS WITH THIOAMIDE CALIX[4]ARENE DERIVATIVE**Speaker**

Dr Katarina Leko

18:45