

Session Program

23-26 Sept 2026



28th Congress of SCTM

Parrallel E-poster Presentations (2C)

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

Friday 25 September

11:40

Parallel E-poster Presentations (2C)

Session | **Location:** Metropol Lake Resort, Caneo Hall

11:40–11:45

Almond Shell as a Sustainable Sensor Material for Real-Time Heavy Metals Monitoring

Speaker

Katarina Nikolić

11:45–11:50

Investigation of the Hydrophobicity of Modified Glass in Glass-TEOS-HDTMS Sandwich Structures

Speakers

Amin Idrizovski, Vladimir Grujovski

11:50–11:55

SYNTHESIS AND CHARACTERIZATION OF THE NOVEL MIXED-HALIDE PEROVSKITE DMAPbI_{1.5}Cl_{1.5}

Speaker

Jeta Sela

11:55–12:00

STRUCTURE-PROPERTY RELATIONSHIP AND PLASMON-ENHANCED PHOTOLUMINESCENCE IN Ag@Ag₂O CORE-SHELL NANOPARTICLE THIN FILMS

Speaker

Meri Sokolovska

12:00–12:05

SYNTHESIS, CHARACTERIZATION, AND ELECTROCATALYTIC PROPERTIES OF Pr_{1-x}Er_xFeO₃ (x = 0, 0.2, 0.4, or 1)

Speaker

Sofija Popovska Blazhevskaa

12:05–12:10

SYNTHESIS AND INVESTIGATION OF La_{1-x}Er_xMn_{0.5}Fe_{0.5}O₃ (x = 0.2 and 0.4) COMPLEX PEROVSKITES

Speaker

Ms Cvetanka Trajkovska

12:10–12:15

Structural Dynamics of SsbA from Streptomyces coelicolor by Hydrogen-Deuterium Exchange Mass Spectrometry

Speaker

Veronika Gijovska

12:15–12:20

Quantitative Evaluation of Nutritional and Safety-Relevant Elements in Sesame Seeds Using LIBS

Speaker

Dr Marjetka Savić

12:20–12:25

Plasma Properties and Multielemental Profiling of Flax Seeds via TEA CO₂ LIBS**Speaker**

Dragan Ranković

12:25–12:30

Synthesis and structural characterization of Pr_{1-x}A_xCoO₃ type of perovskites, A = K and Ca**Speaker**

Behima Ademovski

12:30–12:40

Short discussion

12:40–12:45

The Effect of Doping With Sm and Nd ions on the Chemical, Physical, Structural and Optical Properties of Geopolymers**Speaker**

Dr Miloš Nenadović

12:45–12:50

Influence of samarium(III) oxide content on the physicochemical and thermal properties of metakaolin-based geopolymers**Speaker**

Dr Sanja Knežević

12:50–12:55

Effect of Wood Ash Addition on the High-Temperature Performance of Alkali-Activated Fly Ash Materials**Speaker**

Dr Ljiljana Kljajević

12:55–13:00

STRUCTURAL AND MORPHOLOGICAL EVALUATION OF GEOPOLYMER-PA12 HYBRID COMPOSITES**Speaker**

Dr Jelena Gulicovski

13:00–13:05

Effect of MgO on the luminescent properties of SiO₂-B₂O₃-Eu₂O₃ sol-gel glasses**Speaker**

Hristo Lalkovski

13:05–13:10

CHARACTERIZATION OF HYDROGEN BLISTERING IN A LOW-CARBON STEEL STORAGE TANK**Speaker**

Prof. Dafinka Stoevska-Gogovska

13:10–13:15

APPLICATION OF STATISTICAL TOOLS FOR TREND ANALYSIS OF NON-CONFORMITIES: EXPERIENCE FROM ALKALOID AD SKOPJE

Speaker

Biljana Dimovska

13:15–13:20

ROOT CAUSE ANALYSIS (RCA) AND CORRECTIVE ACTION/IMPROVEMENT ACTION (CAIA) AS KEY TOOLS IN MANAGEMENT OF NON-CONFORMITIES

Speaker

Adrijana Nosacheva Trajkovska

13:40