

**XXVI КОНФЕРЕНЦИЈА
СРПСКОГ КРИСТАЛОГРАФСКОГ ДРУШТВА
СРЕБРНО ЈЕЗЕРО, 27-28. ЈУН 2019.**

ПРОГРАМ

**26th CONFERENCE OF THE SERBIAN
CRYSTALLOGRAPHIC SOCIETY
SILVER LAKE, JUNE 27–28th 2019
CONFERENCE PROGRAM**

THURSDAY, June 27th

8⁰⁰-9⁰⁰

REGISTRATION

Poster Mounting

All posters should be displayed from June 27th 12:30 to June 28th 18:00.

9⁰⁰-9¹⁵

OPENING CEREMONY

9¹⁵-10⁰⁰

INVITED LECTURE

Chairperson: Aleksandar Kremenović

B. Krüger

CRYSTALLOGRAPHY BEYOND NEW MINERALS

10⁰⁰-10⁴⁵

INVITED LECTURE

Chairperson: Jelena Rogan

Z. Jagličić, V. Kusigerski, M. Bošković

MAGNETOSTRUCTURAL CORRELATIONS IN TRANSITION METAL COMPLEXES AND MAGNETIC NANOPARTICLES

10⁴⁵-11³⁰

WELCOME PARTY – COCKTAIL

11³⁰-12³⁰

ORAL PRESENTATIONS

Chairperson: Slađana Novaković

11³⁰-11⁴⁵

J. Bijelić, A. Stanković, M. Medvidović-Kosanović, P. Cop, Y. Sun, G. Beck, B. Marković, V. Srdić, Z. Jagličić, A. Kukovec, J. Popović, Ž. Skoko, B. Smarsly, I. Djerdj
STRUCTURAL INVESTIGATION OF TRIPLE PEROVSKITE Sr₃Fe₂WO₉ AND DETERMINATION OF MAGNETIC, DIELECTRIC AND OPTICAL PROPERTIES

11⁴⁵-12⁰⁰

V. Ribić, A. Rečnik, J. Rogan, Z. Branković, G. Branković
INVERSION BOUNDARIES IN Sb-DOPED ZnO: HRTEM AND DFT STUDY

12⁰⁰-12¹⁵

A. Spasojević-de Biré, N. Bošnjaković-Pavlović, X. Xu, S. Novakovic, J.-M. Gillet
INTO THE FASCINATING V–O BOND. EXPERIMENTAL, THEORETICAL CHARGE DENSITY AND AIM STUDIES OF DIFFERENT POLYOXOVANADATE COMPOUNDS

- 12¹⁵-12³⁰ **N. Trišović, L. Radovanović, G. V. Janjić, S. T. Jelić, J. Rogan**
THE ROLE OF INTERMOLECULAR INTERACTIONS IN THE
CRYSTAL PACKING OF 3-ISOPROPYL AND 3-CYCLOPROPYL
DERIVATIVES OF PHENYTOIN
- 12³⁰-14⁰⁰ **LUNCH BREAK**
- 14⁰⁰ **EXCURSION BY BOAT TO THE GOLUBAC FORTRESS**
DINNER ON THE BOAT

FRIDAY, June 28th

- 9⁰⁰-9⁴⁵ **INVITED LECTURE**
Chairperson: Goran Bogdanović
**D. B. Ninković, D. Veljković, D. Malenov, M. R. Milovanović,
J. M. Živković, I. M. Stanković, I. Veljković, V. Medaković,
J. Blagojević Filipović, D. Vojislavljević Vasilev, S. D. Zarić**
NONCOVALENT INTERACTIONS OF METAL COMPLEXES
AND AROMATIC MOLECULES
- 9⁴⁵-10³⁰ **INVITED LECTURE**
Chairperson: Snežana Zarić
E. Dib, B. Alonso, T. Mineva
CHEMICAL INTERACTIONS AND DYNAMICS OF ORGANIC-
INORGANIC INTERFACES IN TEMPLATED CRYSTALLINE
MATERIALS USING THEORETICAL MODELING
- 10³⁰-11⁰⁰ **COFFEE BREAK**
- 11⁰⁰-12⁰⁰ **ORAL PRESENTATIONS**
Chairperson: Tamara Todorović
- 11⁰⁰-11¹⁵ **D. P. Malenov, A. J. Aladić, S. D. Zarić**
STACKING INTERACTIONS AT LARGE HORIZONTAL
DISPLACEMENTS AND DIHYDROGEN BONDING OF
BORAZINE

- 11¹⁵–11³⁰ **M. R. Milovanović, J. M. Živković, D. B. Ninković, I. M. Stanković, S. D. Zarić**
ARE THE BOND ANGLES OF WATER MOLECULES IN CRYSTAL STRUCTURES RELIABLE? JOINT CAMBRIDGE STRUCTURAL DATABASE AND AB-INITIO CALCULATION ANALYSIS
- 11³⁰–11⁴⁵ **M. Petković Benazzouz, M. Sarvan, I. Đorđević, G. Janjić**
CRYSTALLOGRAPHIC INSIGHT INTO THE SUBSTITUTION OF SULPHUR BY SELENIUM, QUANTUM-CHEMICAL CALCULATIONS AND BIOSYSTEM RECOGNITION
- 11⁴⁵–12⁰⁰ **I. Đorđević, G. Janjić, A. Lazić, K. Gak, N. Valentić, N. Trišović, L. Radovanović, J. Rogan**
THE ROLE OF NON-COVALENT FLUORINE INTERACTIONS IN PACKING MOTIFS: CRYSTALLOGRAPHIC DATA ANALYSIS AND QUANTUM CHEMICAL CALCULATIONS
- 12⁰⁰–12³⁰ **GOLDEN SPONSOR PROMOTION**
- 12⁰⁰–13⁰⁰ **POSTER SESSION**
- 13³⁰–15⁰⁰ **LUNCH BREAK**
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- 15⁰⁰–15⁴⁵ **INVITED LECTURE**
Chairperson: Aleksandra Dapčević
Igor Djerdj, Sven Urban, Paolo Dolcet, Limei Chen, Maren Möller, Omeir Khalid, Hava Camuka, Rüdiger Ellinghaus, Chenwei Li, Silvia Gross, Peter J. Klar, Bernd Smarsly, Herbert Over
IN-SITU STUDY OF THE OXYGEN-INDUCED TRANSFORMATION OF PYROCHLORE $\text{Ce}_2\text{Zr}_2\text{O}_{7+x}$ TO THE $\kappa\text{-Ce}_2\text{Zr}_2\text{O}_8$ PHASE, AN IMPORTANT FEATURE FOR THE APPLICATION IN THREE-WAY CATALYSTS

15 ⁴⁵ –16 ³⁰	INVITED LECTURE Chairperson: Olivera Klisurić <u>L. Radovanović</u>, A. Dapčević, J. Rogan COMPLEXES OF d-BLOCK ELEMENTS WITH AROMATIC O,O- AND N,N-DONOR LIGANDS: SYNTHESIS, STRUCTURE, PROPERTIES AND APPLICATIONS
16 ³⁰ –17 ⁰⁰	COFFEE BREAK
17 ⁰⁰ –18 ⁰⁰	ORAL PRESENTATIONS Chairperson: Predrag Vulić
17 ⁰⁰ –17 ¹⁵	<u>M. Nikolić</u>, M. Mijajlović, A. Bukonjić, D. Tomović, A. Stanković, V. Jevtić, Z. Ratković, S. Trifunović, I. Potočňák, E. Samoľová, G. Radić CRYSTAL STRUCTURE OF S-METHYL DERIVATIVE OF THIOSALICYLIC ACID
17 ¹⁵ –17 ³⁰	<u>V. Raičević</u>, M. Rodić, M. Sakač, T.-O. Knedel, C. Janiak CRYSTAL STRUCTURES OF TWO NOVEL FERROCENE–STERIOD HORMONE CONJUGATES
17 ³⁰ –17 ⁴⁵	<u>T. Todorović</u>, P. Ristić, G. Janjić, I. Marjanović, O. Klisurić, N. Filipović SILVER(I)-BASED MONOMER AND COORDINATION POLYMER WITH ORGANIC THIOCYANATE LIGAND: STRUCTURAL AND IN SILICO STUDY
17 ⁴⁵ –18 ⁰⁰	<u>P. Ristić</u>, I. Marjanović, O. Klisurić, N. Filipović, T. Todorović Ag(I) 3D COORDINATION POLYMER WITH PIPERAZINE 1,4-DICARBONITRILE
18 ⁰⁰ –19 ³⁰	ORAL AND POSTER PRESENTATION AWARDS ANNUAL ASSEMBLY OF THE SCS
20 ³⁰	CONFERENCE DINNER Sponsored by golden sponsor ROFA

Poster Presentations

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- P1** M. Mijajlović, M. Nikolić, A. Bukonjić, D. Tomović, A. Stanković, V. Jevtić, Z. Ratković, S. Trifunović, I. Potočňák, E. Samol'ová, G. Radić
CRYSTAL STRUCTURE OF S-ETHYL DERIVATIVE OF THIOSALICYLIC ACID
- P2** S. Jovičić Milić, E. H. Avdović, V. V. Jevtić, Đ. S. Petrović, D. Dimić, J. M. Dimitrić Marković, I. Potočňák, S. R. Trifunović
SYNTHESIS AND CRYSTAL STRUCTURE OF NEW OCTOPAMINE DERIVATIVE OF COUMARIN
- P3** B. Čobeljić, A. Pevec, M. R. Milenković, I. Turel, K. Anđelković
THE INFLUENCE OF ANION ON COORDINATION GEOMETRY OF CHLORO Cu(II) COMPLEXES WITH 2-ACETILPYRIDINE GIRARD'S T HYDRAZONE
- P4** J. Ladarević, L. Radovanović, B. Božić, A. Mašulović, J. Rogan, D. Mijin
CRYSTAL STRUCTURE, SPECTRAL AND THERMAL PROPERTIES OF Cu(II) COMPLEX OF AZO PYRIDONE DYE
- P5** Z. Popović, V. Pilepić, D. Matković-Čalogović
AMINO ACID BASED METAL-BIOMOLECULE POLYMERS: COMBINED EXPERIMENTAL AND COMPUTATIONAL STUDY OF POLYMERIC L-PYROGLUTAMATO Cu(II) COMPLEXES
- P6** S. B. Marković, A. Višnjevac, N. R. Filipović, T. R. Todorović
SYNTHESIS AND CHARACTERIZATION OF Cd(II) COMPLEXES WITH (1,3-THIAZOL-2-YL)HYDRAZONES
- P7** M. Milenković, A. Pevec, B. Čobeljić, I. Turel, K. Anđelković
MONO- AND DINUCLEAR CHLORO Cu(II) COMPLEXES WITH 2-ACETILPYRIDINE GIRARD'S T HYDRAZONE
- P8** Ž. K. Jaćimović, S. B. Novaković, G. A. Bogdanović, G. Giester, M. Kosović, E. Libowitzky
CRYSTAL STRUCTURES OF Cu(II) AND Co(II) COMPLEXES WITH 4-NITRO-3-PYRAZOLE CARBOXYLIC ACID LIGAND AND NEW CRYSTAL FORM OF THE LIGAND

- P9** **T. Đorđević, Lj. Karanović, Z. Jagličić, M. Jagodić**
WATER IN THE ALLUAUDITE TYPE STRUCTURE: SYNTHESIS,
CRYSTAL STRUCTURE AND MAGNETIC PROPERTIES OF
 $\text{Co}_3(\text{AsO}_4)_{0.5}(\text{HAsO}_4)_2(\text{H}_2\text{AsO}_4)_{0.5}(\text{H}_2\text{O})_{0.5}$
- P10** **M. M. Radanović, M. V. Rodić, Lj. S. Vojinović-Ješić, P. Weiss,
V. M. Leovac**
SYNTHESIS AND STRUCTURE OF $\text{H}_2\text{L}[\text{CdBr}_3(\text{SCN})] \cdot \text{H}_2\text{O}$
(L = 2-ACETILPYRIDINE-AMINOGUANIDINE)
- P11** **M. V. Rodić, S. Belošević, V. M. Leovac**
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- P12** **J. Araškov, A. Višnjevac, N. Filipović, T. Todorović**
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- P13** **A. Stanković, A. Bukonjić, D. Tomović, M. Nikolić, M. Mijajlović,
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S. Trifunović, G. Radić**
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WITH S-ISOPROPYL DERIVATIVE OF THIOSALYCILIC ACID
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- P15** **A. Radulović, S. Miloš, Z. Miladinović, P. Vulić**
Si/Al ORDERING IN THE LOW-TEMPERATURE TRIGONAL
CARNEGIEITE STRUCTURE
- P16** **J. Vukašinović, M. Počuča-Nešić, D. Luković Golić, V. Ribić, Z. Branković,
A. Dapčević, S. Bernik, G. Branković**
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AND CRYSTALLITE SIZE OF CuFe_2O_4 NANOPARTICLES

- P19** Lj. Suručić, A. Rakić, A. Nastasović, A. Onjia, A. Popović, G. Janjić
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EFFECTS ON SORPTION BY MAGNETIC MACROPOROUS COPOLYMER
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THE INFLUENCE OF THE SUBSTITUENTS ON THE INTERACTIONS IN
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CIS- AND TRANSPLATIN MOLECULES AND DIFFERENT HYDROGEN
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AN ELECTRON SYN-FACIAL Cr, Mn BENZYL COMPLEX
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