

# 1<sup>st</sup> Congress of Chemists of Montenegro



*Tuesday, 26/05/2026*

- 12<sup>00</sup> - 18<sup>00</sup> Registration of participants  
19<sup>00</sup> Welcome Cocktail

*Wednesday, 27/05/2026*

*Chair person: Ž. Jaćimović and M. Bigović*

- 9<sup>00</sup> - 9<sup>20</sup> Opening ceremony

9<sup>20</sup> - 10<sup>20</sup> **Plenary Lecture 1:**  
**Zinc and vanadium coordination compounds as potential antidiabetic agents**  
*Franc Perdih, Faculty of Chemistry and Chemical Technology, University of Ljubljana*

- 10<sup>20</sup> - 10<sup>35</sup> Coffee break ☕

10<sup>35</sup> - 11<sup>05</sup> **Session Lesson 1:**  
**Monocarbonyl analogs of curcumin (MACs): versatile and readily accessible organic compounds with diverse biological activities**  
*Jane Bogdanov, Institute of Chemistry, Faculty of Natural Sciences and Mathematics, Ss. Cyril and Methodius University in Skopje*

**Oral Session 11<sup>05</sup> - 11<sup>50</sup>**

11<sup>05</sup> - 11<sup>20</sup> ICP-MS Based Study of Lanthanide Ion Sorption onto Iron Nanoparticles Encapsulated in Alginate Hydrogel  
*Nikolina Ilić, Faculty of Science, University of Zagreb*

11<sup>20</sup> - 11<sup>35</sup> From complex polymer lignin to multifunctional nanoparticles  
*Jelena Papan Đaniš, Faculty of Chemistry and Chemical technology, University of Ljubljana*

11<sup>35</sup> - 11<sup>50</sup> Synthesis and crystal structure of Co(II) complex with 5-(4-bromophenyl)-3-methyl-1H-pyrazole  
*David Kočović, Institute for medicines and medical devices of Montenegro*

11<sup>50</sup> - 12<sup>20</sup> **Session Lesson 2:**  
**Synthesis of new Schiff bases with thiocarbohydrazide and optimization of reaction conditions**  
*Miljan Bigović, Faculty of Natural Sciences and Mathematics, University of Montenegro*

12<sup>20</sup> - 12<sup>40</sup> Sponsor presentation **Analysis doo**

*Chair person: Polonca Trebše and M. Radanović*

12<sup>40</sup> - 13<sup>10</sup> **Session Lesson 3:**  
**Nano-Iron Power: A Cutting-Edge Solution for Heavy Metal Removal from Water**  
*Ivan Nemet, Faculty of Science, University of Zagreb*

13<sup>10</sup> - 14<sup>30</sup> Lunch break

14<sup>30</sup> - 15<sup>30</sup> **Plenary lecture 2:**  
**Application of protein markers in the evaluation of hip dysplasia in Tornjak breed**  
*Atifa Ajanović, Veterinary faculty, University of Sarajevo*

15<sup>30</sup> - 15<sup>50</sup> Sponsor presentation **MC Labor**

15<sup>50</sup> - 16<sup>05</sup> Coffee break 

*Chair person: Ž. Jaćimović*

16<sup>05</sup> - 16<sup>35</sup> **Session Lesson 4:**  
**Industrial Decarbonization by Concentrating Solar Power Plants – Absorber Coatings**  
*Ivan Jerman, National Chemical Institute*

**Poster session 16<sup>35</sup> - 18<sup>35</sup>**

19<sup>30</sup> - 21<sup>00</sup> Budva by night /Old Town Budva

Thursday, 28/05/2026

Chair person: *Dijana Đurović and Snežana Pantović*

9<sup>00</sup> - 10<sup>00</sup> **Plenary Lecture 1:**  
**PFAS: Historical Context, Current Challenges, and Future Directions**  
*Vladimir Beškoski, Faculty of Chemistry, University of Belgrade*

10<sup>00</sup> - 10<sup>15</sup> Coffee break 

10<sup>15</sup> - 10<sup>45</sup> **Session Lesson 1**  
**The Hidden Chemistry of a Swim: What's in the Water?**  
*Polonca Trebše, Faculty of Health Sciences, University of Ljubljana*

10<sup>45</sup> - 11<sup>15</sup> **Session Lesson 2**  
**Petroleum as a native material in geological conditions and as anthropogenic material in the environment**  
*Branimir Jovančićević, Faculty of Chemistry, University of Belgrade*

11<sup>15</sup> - 11<sup>35</sup> Sponsor presentation **Superlab**

Chair person: *Ljiljana Vojinović - Ješić and Željko Jaćimović*

11<sup>35</sup> - 12<sup>35</sup> **Plenary Lecture 2**  
**Characteristics of materials for the manufacture of orthopedic implants and their impact on the human body**  
*Fehim Korać, Faculty of Science, University of Sarajevo*

12<sup>35</sup> - 12<sup>50</sup> Tunable preparation of methano and furano-fused fullerenes and their applications  
*Veselin Maslak*

12<sup>50</sup> - 14<sup>15</sup> Lunch break

14<sup>15</sup> - 15<sup>15</sup> **Plenary lecture 3**  
**Expanding the Functional Landscape of Metal Complexes: From Concept to Application**  
*Mirjana Radanović, Faculty of Sciences, University of Novi Sad*

15<sup>15</sup> - 15<sup>35</sup> Sponsor presentation **Shimadzu**

15<sup>35</sup> - 15<sup>50</sup> Coffee break 

**Poster session 15<sup>50</sup> - 17<sup>50</sup>**

20<sup>30</sup> - 23<sup>30</sup> Gala dinner

*Friday, 29/05/2026*

9<sup>00</sup> - 10<sup>15</sup> Closing ceremony and Awards

10<sup>15</sup> - 10<sup>30</sup> Coffee break 

10<sup>30</sup> Participant departure