



7th Conference of the Young Chemists of Serbia

University of Belgrade – Faculty of Chemistry
Saturday, 2nd November 2019, Belgrade, Serbia



Time	Program
08:00	Registration of the participants; Mounting posters for Poster Session 1 (ODD POSTER NUMBERS #)
09:00	<i>Conference opening:</i> Serbian Chemical Society – Vesna Mišković-Stanković (President) Scientific Committee – Tamara Todorović/Ljubodrag Vujisić Serbian Young Chemists' Club presentation – Jelena Lazić
09:15	<i>Plenary Lecture (PP OP 01)</i> Marijana Ponjavić <i>University of Belgrade – Faculty of Technology and Metallurgy, Belgrade, Serbia</i> “The poly(ϵ-caprolactone) chemistry role in creating new polymer biomaterials”
09:55	<i>Oral presentations, 1st part (7 presentations)</i>
	1) Luka Negrojević (MS OP 04) <i>University of Belgrade – Faculty of Physical Chemistry, Serbia</i> “Genipin crosslinked chitosan hydrogels for drug delivery of methylene blue “
	2) Sanja Đokić (MC OP 01) <i>University of Novi Sad – Faculty of Sciences, Serbia</i> “Synthesis and biological evaluation of a thiazole bioisostere of goniofufurone“
	3) Aleksandra Blaževska (EC OP 01) <i>Elementary School “Jan Amos Komenski”, Republic of North Macedonia</i> “Teaching chemistry with online labs by using Go Lab platform“
	4) Stefan Marković (CA OP 03) <i>Jožef Stefan Institute – Jožef Stefan International Postgraduate School, Slovenia</i> “Elemental bioimaging by laser ablation inductively coupled plasma mass spectrometry”
	5) Andrea Nikolić (CS OP 02) <i>University of Belgrade – Faculty of Chemistry, Serbia</i> “Palladium catalyzed synthesis of <i>N</i> -arylated 1-substituted-1 <i>H</i> -tetrazol-5-amines”
	6) Maria Čebela (MS OP 01) <i>University of Belgrade – Vinča Institute of Nuclear sciences, Serbia</i> “Theoretical and experimental study of multiferroics BiFeO ₃ and Bi _(1-x) Ho _x FeO ₃ ”
	7) Slađana Đurđić (CA OP 01) <i>University of Belgrade – Faculty of Chemistry, Serbia</i> “Bi ₂ O ₃ /graphene nanoribbon composite supported on screen printed electrode with enhanced electrocatalytic performances toward glucose biosensing”
11:00	Coffee break
11:20	<i>European Young Chemists' Network (EYCN) presentation</i> Antonio M. Rodríguez García – Chair of the EYCN
11:30	<i>EYCN Soft-Skills Workshop</i> Antonio M. Rodríguez García – Chair of the EYCN “Publishing in top journals: tips and common mistakes”
11:50	<i>Invited Lecture 1 (PPP OP 01)</i> Života Selaković <i>University of Belgrade – Faculty of Chemistry, Belgrade, Serbia</i> “Novel diazachrysenes and naphthyridines in the fight against Ebola”
12:20	<i>Oral presentations, 2nd part (6 presentations)</i>
	8) Jelena Kesić (MC OP 02) <i>University of Novi Sad – Faculty of Sciences, Serbia</i> “Optimization of reaction pathways toward the key chiral intermediate for cleistanolate analogues synthesis“
	9) Mirjana Čujić (EC OP 02) <i>University of Belgrade – Vinča Institute of Nuclear sciences, Serbia</i> “Associate programme OPCW: experience and perspectives“
	10) Marko Ilić (CA OP 02) <i>University of Novi Sad – Faculty of Technology, Serbia</i> “The applicability of nomograph of iso-elutotropic binary solvent mixtures to octadecyl column using 16,17-secoestrone derivatives“

Poster number is the last part of your contribution code, e.g. XY PP **15!**

	11) Marija Grozdanić (BB OP 01) <i>Jožef Stefan Institute – Jožef Stefan International Postgraduate School, Slovenia</i> “Ectodomain shedding of epidermal growth factor receptor by cysteine cathepsins”
	12) Jelena Lubura (MS OP 02) <i>University of Novi Sad – Faculty of Technology, Serbia</i> “A new kinetic model for optimization of rubber curing process”
	13) Uroš Stojiljković (MC OP 04) <i>University of Belgrade – Faculty of Chemistry, Serbia</i> “Synthesis, characterization and pro-apoptotic activity of quinoline-based thiosemicarbazones and their Pt(II) complexes”
13:20	GROUP PHOTO! Poster session 1 (ODD POSTER NUMBERS #, 54 posters in Poster session 1)
14:05	Lunch; Removing posters from Poster Session 1; Mounting posters for Poster Session 2 (EVEN POSTER NUMBERS #)
14:50	<i>Invited Lecture 2 (PPP OP 02)</i> Dušan Malenov <i>University of Belgrade – Faculty of Chemistry, Belgrade, Serbia</i> “ Stacking interactions of aromatic ligands in transition metal complexes ”
15:20	<i>Oral presentations, 3rd part (7 presentations)</i>
	14) Ivana Dimić (FC OP 01) <i>University of Novi Sad – Faculty of Technology, Serbia</i> “Supercritical fluid extraction of grape seed: Effects of process parameters on target compounds”
	15) Anđela Mrkobrad (CS OP 01) <i>University of Novi Sad – Faculty of Sciences, Serbia</i> “Synthesis and characterization of new cadmium(II) complexes with 2-acetylpyridine-aminoguanidine”
	16) Katarina Marković (CA OP 04) <i>Jožef Stefan Institute – Jožef Stefan International Postgraduate School, Slovenia</i> “Pharmacokinetic studies of Ru-based chemotherapeutics by HPLC-ICP-MS and LA-ICP-QQQ-MS “
	17) Stefan Pavlović (MS OP 05) <i>University of Belgrade – Institute of Chemistry, Technology and Metallurgy, Serbia</i> “Modified eggshell catalyst for transesterification of sunflower oil: The effects of catalyst loading on FAMES content”
	18) Ivana Kuzminac (MC OP 03) <i>University of Novi Sad – Faculty of Sciences, Serbia</i> “Synthesis, cytotoxicity and <i>in silico</i> ADME properties of steroidal 19-hydroxy D-homo lactones”
	19) Lidija Ralević (EC OP 03) <i>University of Belgrade – Faculty of Chemistry, Serbia</i> “Effectiveness of computer-based laboratory work”
	20) Miljana Mirković (MS OP 03) <i>University of Belgrade – Vinča Institute of Nuclear sciences, Serbia</i> “Brushite-metakaolin-based geopolymer materials”
16:20	Poster session 2 (EVEN POSTER NUMBERS #, 54 posters in Poster session 2)
17:20	<i>Closing ceremony:</i> ▪ Best Oral Presentation Award Jury: Marijana Ponjavić, Života Selaković, Jelena Lazić ▪ Best Poster Presentation Award Jury: Antonio M. Rodríguez García, Jelena Radivojević, Dušan Malenov
17:30	End of the Conference

Scientific Committee:

Tamara Todorović
Ljubodrag Vujisić
Jelena Radivojević

Organizational Committee:

Jelena Lazić
Života Selaković
Vuk Filipović

BB Biochemistry and biotechnology
CA Chemical analysis
CS Chemical synthesis
CMN Chemistry of macromolecules and nanotechnology
EC Educational chemistry
FC Food chemistry
IAP Industrial and applied chemistry
MC Medicinal chemistry
MS Materials science
TC Theoretical chemistry

THE LECTURES AND ORAL PRESENTATIONS WILL TAKE PLACE AT THE
LARGE CHEMISTRY AMPHITHEATER (VHA) ON THE GROUND FLOOR.

THE POSTER SESSIONS WILL TAKE PLACE IN THE **HALLWAY IN FRONT OF THE LIBRARY ON THE 1ST FLOOR.**

Poster number is the last part of your contribution code, e.g. XY PP 15!