

CONFERENCE PROGRAMME

	From 07:45	Registration of participants
	08:20 – 08:30	doc. RNDr. Zuzana Vargová, Ph.D. WELCOME AND OPENING
	<i>Chairman</i>	prof. RNDr. Mária Kožurková, CSc.
Organic Chemistry and Biochemistry	08:30 – 09:00	doc. Ing. Peter Szolcsányi, PhD. <i>Design, synthesis and properties of novel fragrant molecules</i> Department of Organic Chemistry, Institute of Organic Chemistry, Catalysis and Petrochemistry, Faculty of Chemical and Food Technology, Slovak University of Technology, Slovak Republic
	09:00 – 09:20	RNDr. Monika Tvrdoňová, PhD. <i>Synthetic sugar derivatives as organocatalytic motif</i> Department of Organic Chemistry, Institute of Chemistry, Faculty of Science, Pavol Jozef Šafárik University in Košice, Slovak Republic
	09:20 – 09:50	RNDr. Jana Snopková, PhD. <i>Beneficial neuroprotective effect of Angiotensin receptor type 2 stimulation following severe spinal cord compression in vivo</i> Institute of Neurobiology, Biomedical Research Center of the Slovak Academy of Sciences, Slovak Republic
	09:50 – 10:10	doc. RNDr. Rastislav Varhač, PhD. <i>Surface plasmon resonance technology and its application to the study of interactions between macromolecules</i> Department of Biochemistry, Institute of Chemistry, Faculty of Science, Pavol Jozef Šafárik University in Košice, Slovak Republic
	10:10 – 10:30	COFFEE BREAK + POSTER SESSION I
	<i>Chairman</i>	doc. RNDr. Juraj Kuchár, PhD.
Inorganic and Analytical Chemistry	10:30 – 11:00	prof. RNDr. Petr Štěpnička, Ph.D., DSc., FRSC <i>Ferrocene stibines – not just phosphine analogues</i> Department of Inorganic Chemistry, Faculty of Science, Charles University, Czech Republic
	11:00 – 11:20	Mgr. Dávid Princík <i>Novel fluorinated MOFs with hydrophobic properties</i> Department of Inorganic Chemistry, Institute of Chemistry, Faculty of Science, Pavol Jozef Šafárik University in Košice, Slovak Republic
	11:20 – 11:50	prof. Ing. Peter Tomčík, PhD. <i>Electroanalytical determination of sulfur dioxide in wine based on boron doped diamond electrode and chemical reaction</i> Electroanalytical Chemistry Laboratory, Department of Chemistry and Physics, Faculty of Education, Catholic University in Ružomberok, Slovak Republic
	11:50-12:10	prof. Dr. Andrii Vyshnikin, PhD. <i>Headspace liquid-phase microextraction</i> Department of Analytical Chemistry, Institute of Chemistry, Faculty of Science, Pavol Jozef Šafárik University in Košice, Slovak Republic
	12:10-12:40	Ing. Ján Hrouzek, PhD., DBA <i>HERMES LabSystems – presentation of the company and products</i> HERMES LabSystems, sr.r.o., Slovak Republic

	12:40 – 13:40	LUNCH
Didactics of Chemistry		<i>Chairman</i> doc. RNDr. Mária Ganajová, CSc.
	13:40 – 14:10	doc. RNDr. Milada Teplá, Ph.D. <i>3D models and animation in teaching of chemistry and other science subjects</i> Department of Chemistry Education, Faculty of Science, Charles University, Czech Republic
	14:10 – 14:30	RNDr. Ivana Sotáková, Ph.D. <i>Implementation of formative assessment supported by the “Digilib” digital library</i> Department of Didactics of Chemistry, Institute of Chemistry, Faculty of Science, Pavol Jozef Šafárik University in Košice, Slovak Republic
	14:30 – 14:50	Mgr. Kamila Petrželová, Ph.D. <i>Synergy of education and practice: Chemical plant excursions as a key element of chemistry education</i> Palacký Univerzity Olomouc, Faculty of Science, Department of Inorganic Chemistry, Czech Republic
	14:50 – 15:10	COFFEE BREAK + POSTER SESSION II
Physical Chemistry and NMR		<i>Chairman</i> RNDr. Miroslava Matiková Maľarová, PhD.
	15:10 – 15:40	RNDr. Milan Sýkora, MBA, PhD. <i>Green synthesis and optical properties of semiconductor nanocrystals and nano-heterostructures</i> Laboratory for Advanced Materials, Faculty of Natural Sciences, Comenius University, Slovak Republic
	15:40 – 16:00	RNDr. Radka Gorejová, PhD. <i>Metallic biodegradable implants: Tailoring biomaterial properties by coating application</i> Department of Physical Chemistry, Institute of Chemistry, Faculty of Science, Pavol Jozef Šafárik University in Košice, Slovak Republic
	16:00 – 16:30	Ing. Michal Kaliňák, PhD. <i>NMR metabolomics - A tool for the study of chemical mixtures</i> Faculty of Chemical and Food Technology, Slovak University of Technology, Slovak Republic
	16:30	doc. RNDr. Zuzana Vargová, Ph.D. CONFERENCE CLOSING