

	Posters		
1	Mayuri Ausekar	Laser desorption ionisation (LDI) quadrupole ion trap time-of-flight mass spectrometric study of (WO <sub>3</sub> ) <sub>n</sub> clusters formation in gas phase	prof. RNDr. Josef Havel, DrSc.
2	Michaela Belháčová	Pore water and accesible concentrations of hydrophobic contaminants in Danube river sediments estimated by multi-ratio equilibrium passive sampling	doc. Ing. Branislav Vrana, PhD.
3	Pankaj Lochan Bora	Supramolecular Covalence in Bifurcated Chalcogen Bonding	prof. RNDr. Radek Marek, Ph.D.
4	Iaroslav Doroshenko	Coordination Compounds of Fe <sup>3+</sup> , Co <sup>2+</sup> , Ni <sup>2+</sup> , Dy <sup>3+</sup> , and Gd <sup>3+</sup> with (1-Amino-1-methyl-ethyl)phosphonic Acid and a New Schiff Base Ligand	prof. RNDr. Jiří Pinkas, Ph.D.
5	Pavol Ďurč	Capillary electrophoresis as a tool for diagnosis of methanol and ethylene glycol poisoning from blood samples	doc. RNDr. Petr Kubáň, Ph.D.
6	Michal Greguš	POTENTIAL OF NON-AQUEOUS CAPILLARY ELECTROPHORESIS-MASS SPECTROMETRY IN ANALYSIS OF OXYSTEROLS	doc. RNDr. Petr Kubáň, Ph.D.
7	Michal Horní	Two chelating worlds combined – bimetallic complexes of d/f metal ions with PNP/PNC ligands and Schiff bases	doc. Mgr. Marek Nečs, Ph.D.
8	Martina Hvězdová	From the viewpoint of residues, could currently used pesticides from "contaminated sites" of agricultural soils release into the water?	doc. RNDr. Zdeněk Šimek, CSc.
9	Libor Jaša	Application of passive sampling in analysis and monitoring of cyanobacterial toxins	RNDr. Pavel Babica, Ph.D.
10	Stanislav Ježek	DETERMINATION OF PLATINUM GROUP METALS IN GREAT URBAN AGGLOMERATIONS	Brno University of Technology, Faculty of Chemistry, Institute of Chemistry and Environmental Protection
11	Lenka Kolářová	Nano-gold in time-of-flight mass spectrometry of biological samples	prof. RNDr. Josef Havel, DrSc.
12	Júlia Lačná	Novel, versatile capillary electrophoresis instrument with laser induced fluorescence for analysis of various lipid peroxidation biomarkers	doc. RNDr. Petr Kubáň, Ph.D.
13	Petr Levek	Involvement of photovoltaic panels and heat pumps for family houses and their subsequent regulations to obtain maximum energy self-sufficiency	Brno University of Technology, Faculty of Chemistry, Institute of Chemistry and Environmental Protection
14	Lucie Ludvíková	Crosslinking of Amino Acids Photosensitized by Rose Bengal	prof. RNDr. Petr Klán, Ph.D.
15	Markéta Macháková	BACE enzyme kinetics detected by MALDI-TOF mass spectrometry	prof. Mgr. Jan Preisler, Ph.D.
16	Dušan Majtás	Corrosion environment approximation based on atmosphere type; does it need revision?	prof. RNDr. Jiří Příhoda, CSc.
17	Ravi Madhukar Mawale	Laser/Plasma Assisted Synthesis of Gold-Iron Nanoparticles and Laser Desorption Ionisation for Generation of AumFen <sup>±</sup> (m = 1-35; n = 1-3) Clusters	prof. RNDr. Josef Havel, DrSc.
18	Václav Němec	Discovery of New Protein Kinase Inhibitors with the Furo [3,2-b]pyridine Core	doc. Mgr. Kamil Paruch, Ph.D.
19	Ondřej Polanský	Characterization of Ig -/- chicken intestinal proteome	prof. Mgr. Jan Preisler, Ph.D.
20	Eva Pospíšilová	Laser-Induced Breakdown Spectroscopy for the analysis of model samples of historical paintings	doc. Mgr. Karel Novotný, Ph.D.
21	Helena Půčková	Environmental aspects of Fast growing trees	Brno University of Technology, Faculty of Chemistry, Institute of Chemistry and Environmental Protection
22	Jan Richtár	Preparation and characterization of new bioinspired molecules for organic electronics	Brno University of Technology, Faculty of Chemistry
23	Jan Sadílek	QuEChERS as perspective extraction technique for isolation of steroid estrogens from sediments in environmentally relevant concentrations	doc. RNDr. Zdeněk Šimek, CSc.
24	Martin Sojka	Factors influencing cyclometalations in platinum(II) complexes with tertiary phosphine ligands	doc. Mgr. Marek Nečs, Ph.D.
25	Jakub Stošek	DFT and ab initio studies of the addition step of alkyne bromoboration	doc. Mgr. Markéta Munzarová, Dr. rer. nat.
26	Marek Šudoma	Monitoring the residues of currently used pesticides in agriculturally used fluvisols	doc. RNDr. Jakub Hofman, Ph.D.
27	Tereza Švestková	Removal of Pharmaceuticals by Advanced Oxidation Processes	Brno University of Technology, Faculty of Chemistry
28	Michaela Tvrdoňová	Accumulation of Pb, Cd, Zn and Cu in tapeworm tissue imaged by LA-ICP-MS method	Mgr. Tomáš Vaculovič, Ph.D.
29	Jakub Urík	Development and calibration of a passive sampler based on diffusive gels for monitoring of polar organic compounds in water	doc. Ing. Branislav Vrana, PhD.
30	Vít Vykoukal	New molecular precursors for AgCu nanoalloy preparation	prof. RNDr. Jiří Pinkas, Ph.D.
31	Martina Vykoukalová	ORGANOPHOSPHATE FLAME RETARDANTS IN THE INDOOR ENVIRONMENT: A COMPARISON OF CENTRAL EUROPE AND NORTH AMERICA	prof. RNDr. Jana Klánová, Ph.D.
32	Karolina Wawrocka	PREPARATION OF NEW PLATINUM-BASED POTENTIAL ANTICANCER DRUGS	prof. RNDr. Radek Marek, Ph.D.