

Conference programme

Poster session

P1	P. Matúš	EVALUATION OF KINETIC AND THERMODYNAMIC MODELS FOR METHYLENE BLUE ADSORPTION ONTO SAWDUST OF SPRUCE
P2	N. Vlčková	APPLICATION OF AN ATMOSPHERIC PRESSURE GLOW DISCHARGE-LIKE (APGD) BASED HYDRIDE ATOMIZER TO DETERMINATION OF As AND Se BY AAS
P3	S. Kakalejšíková	A NOVEL VORTEX-ASSISTED LIQUID-LIQUID MICROEXTRACTION BASED ON DEEP EUTECTIC SOLVENT FOR THE SEPARATION, PRECONCENTRATION AND DETERMINATION OF RHODAMINE B IN WATER SAMPLES
P4	Y. Bazel	A GREEN ULTRASENSITIVE FLUORESCENCE DETERMINATION OF ANIONIC SURFACTANTS WITH THE USE OF VORTEX-ASSISTED LIQUID-LIQUID MICROEXTRACTION
P5	A. Hadbavníková	UV-PHOTOCHEMICAL VAPOUR GENERATION OF SILVER: STUDY OF CONDITIONS
P6	M. Svoboda	ATOMIZATION OF HYDRIDE-FORMING ELEMENTS IN ATMOSPHERIC PRESSURE DISCHARGES
P7	V. Vílím	COUPLING OF MINIATURIZED UV-PHOTOCHEMICAL VAPOR GENERATION REACTOR WITH SEQUENTIAL INJECTION ANALYSIS
P8	K. Novotný	PLASMA SPECTROSCOPY IN LASER ABLATION SYNTHESIS OF NANOPARTICLES
P9	S. Zaruba	ASSESSMENT OF MEPS FOR INORGANIC ANIONS DETERMINATION
P10	L. Urbánová	INVESTIGATION OF SELENITE SORPTION ONTO MAGNETITE NANOPOWDER USING FLAME ATOMIC ABSORPTION SPECTROMETRY
P11	S. Vyhňálek	STUDY OF MICROBIAL INDUCED STRUCTURAL TRANSFORMATION OF MAGNETITE BY MÖSSBAUER SPECTROMETRY
P12	I. Hagarová	ENHANCEMENT OF ANALYTICAL POTENTIAL OF ETAAS: COMPARATIVE STUDY OF THREE EXTRACTION PROCEDURES USED FOR ULTRATRACE LEAD
P13	M. Fišera	LEGISLATIVE AND SAFETY LIMITS OF TOXIC ELEMENTS IN FOOD
P14	E. Duborská	IODINE DETERMINATION IN CARROT BY ICP-MS
P15	M. Loula	UNCOVERING MAGNET COMPOSITION IN MODERN ELECTRONICS BY ICP-OES
P16	B. Voleková	THE USE OF THE RAMAN SPECTROSCOPY AND XRF SPECTROMETRY IN THE ENVIRONMENT OF THE NATURAL HISTORY MUSEUM.
P17	V. Krajanová	RAMAN AND EXAFS SPECTROSCOPY OF SYNTHETIC AND NATURAL COPPER OXALATE
P18	J. Klaisnerová	SPECTROSCOPIC APPROACHES FOR ANALYSES OF IRRADIATED CONCRETE IN HOT CELLS
P19	K. Bilavčáková	HIGH RESOLUTION SINGLE CELL LA-ICP-MS 2D IMAGING
P20	M. Král	NANO-FTIR SPECTROSCOPY OF SURFACE CONFLUENT POLYDOPAMINE FILMS – WHAT IS THE ROLE OF DEPOSITION TIME AND SUBSTRATE MATERIAL?
P21	E. Švábenská	MÖSSBAUER AND MAGNETIC STUDIES ON NANOCRYSTALLINE FENI PARTICLES PREPARED BY THERMAL REDUCTION

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- P22** R. Michalicová SEASONAL AND SPATIAL VARIATIONS OF ARSENIC AND ITS SPECIES IN PARTICULATE MATTER IN BRNO CITY
- P23** B. Farkas MANGANESE BIOEXTRACTION POTENTIAL OF MICROSCOPIC FILAMENTOUS FUNGUS
- P24** M. Veverka MULTIFERROIC BaYFeO₂: FABRICATION AND INVESTIGATION BY MÖSSBAUER SPECTROSCOPY
- P25** T. Kmejč MÖSSBAUER SPECTROSCOPY STUDY OF POTENTIALLY MULTIFERROIC BaHoFeO₄
- P26** J. Kohout MULTIFERROIC BaErFeO₄: MÖSSBAUER SPECTROSCOPY STUDY
- P27** J. Hraníček DETERMINATION OF SELECTED ELEMENTS IN CEREAL FLOURS AND THEIR GLUTEN-FREE ALTERNATIVES
- P28** T. Ivanova MÖSSBAUER STUDY OF SURFACE CHARACTERISTIC OF 316L STAINLESS STEEL AFTER TEMPERATURE IMPACT IN OXIDIZING AND INERT ATMOSPHERES
- P29** M. Kmetík REAL-TIME OBSERVATIONS OF ACETAMINOPHEN'S TRANSFORMATIONS FOLLOWED BY ADVANCED TECHNIQUES OF RAMAN SPECTROSCOPY
- P30** T. Miletic BIOIMAGING OF PLANT MATERIALS USING LA-ICP-MS
- P31** B. Hruska STUDY OF THE HOMOGENEITY OF SILICA GLASS
- P32** M. Chromčíková STUDY AND INTERPRETATION OF CORROSION PRODUCTS OF FIBERGLASS INSULATION BY RAMAN SPECTROSCOPY
- P33** A. Nowicka RAMAN SPECTROSCOPY STUDIES OF VARIOUS MODEL SILICA GLASS FOR MEDICAL GLASS APPLICATIONS
- P34** P. Hannig THE MECHANISM OF INTERACTION OF G-QUADRUPLEXES WITH THE PLANT ALKALOID FAGARONINE
- P35** J. Martikan MODIFICATION OF CHEMILUMINESCENCE SYSTEM FOR BLOOD SPOT DETECTION
- P36** V. Smeliková INVESTIGATION OF DEFECTS IN 2D MATERIALS USING RAMAN SPECTROSCOPY
- P37** J. Piroutková MULTIVARIATE OPTIMIZATION OF THE FEATHER SAMPLE CLEANING PROCEDURE PRIOR TO ICP-MS ANALYSIS
- P38** A. Faruzelová MULTIMODAL CORRELATIVE IMAGING OF HUMAN TOOTH ANKYLOSIS
- P39** H. Kopřivová INVESTIGATING BIOINDICATOR ELEMENT DISTRIBUTION IN VARIED SKIN TUMORS VIA CORRELATIVE IMAGING
- P40** A. Fazlič EXPLORING THE ELEMENTAL COMPOSITION OF DIFFERENTLY AGED MICROPLASTICS: INSIGHTS FROM LASER-INDUCED BREAKDOWN SPECTROSCOPY AND RAMAN SPECTROSCOPY
- P41** P. Trebichalský ANALYSIS OF MACROBIOGENIC ELEMENTS IN QUALITY WINES FROM SELECTED PRODUCERS USING THE AAS METHOD

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| P42 | T. Procházková | NEW GLASS CALIBRATION STANDARDS FOR LA-ICP-MS: DEVELOPMENT, TESTING AND APPLICABILITY |
| P43 | A. Kovalíková | SEPARATION OF SELECTED ELEMENTS FROM THE SAMPLE MATRIX FOR ICP-MS USING COMMERCIAL AND "IN-HOUSE" PROCEDURES |
| P44 | M. Machalová | STUDY OF CARDIAC REMODELLING BY LA-ICP-MS |
| P45 | A. Krejčová | ANALYTICAL METHODS FOR MONITORING THE EFFICIENCY OF DECOMPOSITION OF GADOLINIUM-BASED CONTRAST AGENTS |
| P46 | M. Bokov | THE DEVELOPMENT AND BEHAVIOR OF GUANINE CRYSTALS IN RESPONSE TO LIGHT ADJUSTMENT IN THE DINOFLAGELLATE AMPHIDIINIUM CARTERAE |