

Poster Number	Floor	Wednesday Posters (WP)	Thursday Posters (TP)
001 – 008	Ground	Micro- and Nanoplastics	Late Breaking Posters
009 – 016	Ground	Food Analysis	Late Breaking Posters II Process Analysis
017 – 024	Ground	Food Analysis	Industrial Analysis
025 – 032	Ground	Food Analysis	Miniaturization, Microfluidics and Lab-on-a-Chip Technologies
033 – 040	First	Mass Spectrometry	Spectroscopy
041 – 048	First	Mass Spectrometry	Spectroscopy
049 – 056	First	Mass Spectrometry	Spectroscopy
057 – 064	First	Omics II Cultural Heritage	Chemometrics, Bioinformatics and Big Data
065 – 076	First	Sample Preparation	Chemometrics, Bioinformatics and Big Data
077 – 088	First	Bioanalysis	Element and Material Analysis
089 – 096	Second	Spectroscopy	Environmental Analysis
097 – 104	Second	Spectroscopy	Environmental Analysis
105 – 112	Second	Imaging	Environmental Analysis
113 – 120	Second	Clinical Analysis	Mass Spectrometry
121 – 132	Second	Clinical Analysis II Pharmaceutical Analysis	Mass Spectrometry II Ion Mobility
133 – 144	Second	Separation Sciences	Sensors
145 – 154	Second	Hyphenated and Coupled Techniques	Sensors
155 – 162	Second	Hyphenated and Coupled Techniques	MassSpec Forum Vienna (14.04.2023 only)
163 - 166	Second	-	MassSpec Forum Vienna (14.04.2023 only)

Poster Session 1 (Wednesday, 12.04.2023):

- WP001** – Andreas KERSTAN, Agilent Technologies:
Rapid, automated characterization of microplastics using laser direct infrared imaging and spectroscopy
-
- WP002** – Jan KAMP, Bundesanstalt für Gewässerkunde Koblenz:
Quantification of PVC microplastics via solvent extraction and combustion ion chromatography
-
- WP003** – Kara MÜLLER, TU Munich:
On the Potential of Stable Isotope Raman Microspectroscopy for Analyzing Microbial Degradation of Microplastics
-
- WP004** – Julia Sophie BÖKE, Leibniz IPHT:
Simultaneous Infrared and Raman Spectroscopy for identification of microplastic by optical photothermal infrared spectroscopy
-
- WP005** – Oliver JACOB, TU Munich:
Raman microspectroscopic analysis of very small (1–10 µm) microplastic particles
-
- WP006** – Felix WEBER, RheinMain University of Applied Sciences:
Recovery rates and results of microplastic analysis in industrial wastewater using µ-Ramanspectroscopy
-
- WP007** – Tatjana MIJOSEK, Institute Ruđer Bošković:
Microplastics occurrence and metal accumulation in fish from the Krka River impacted by wastewaters
-
- WP008** – Carsten ENGELHARD, University of Siegen:
Direct Detection and Characterization of Microplastics by Flowing Atmospheric-Pressure Afterglow Mass Spectrometry (FAPA-MS)
-
- WP009** – Pavel SOLOVYEV, Fondazione Edmund Mach:
Application of targeted and untargeted 1H NMR spectroscopy in cheese analysis
-
- WP010** – Christoph CZERWENKA, AGES:
Development of a multi-method for quinolizidine alkaloids and its application to lupin-based foods
-
- WP011** – Barbara STREIT, DSM Biomin:
The needle in the haystack – measuring zearalenone at sub-ppb levels in pig plasma using LC-MS/MS
-
- WP012** – Natasa KALOGIOURI, University of Thessaloniki:
Development of highly hydrophobic fabric phase sorptive extraction membranes for the rapid determination of tocopherols in edible oils analyzed by HPLC-DAD
-
- WP013** – Ingrid HAYENGA-BARTZ, Merck KGaA:
Characterization and quantitation of individual monoterpene esters in pyrethrum extract by GC-MS
-
- WP014** – Ingrid HAYENGA-BARTZ, Merck KGaA:
Ensuring Consumer Safety with Certified Reference Materials for Pesticide Testing in Cannabis
-
- WP015** – Patrick MÜLLER, University of Geneva:
Supercritical Chromatography and Photoionization Mass Spectrometry for the Regio and Double Bond Characterization of Triglycerides in Food Samples
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- WP016** – Sabrina STRANIG, TU Graz:
Odour active compounds in 'lupin-coffee' - formation and analysis
-
- WP017** – Emmanouil ORFANAKIS, University of Crete:
Authentication and quality control of olive oil and honey with optical spectroscopic methods in combination with statistical analysis
-
- WP018** – Niklas PONTESEGGER, TU Graz:
Evaluation of the Harvest Regime for new Apple Cultivars via In-Depth Analysis of Volatiles
-
- WP019** – Gertrud MORLOCK, University Giessen:
Healthy oils are not necessarily healthy
-
- WP020** – Hans Rainer WOLLSEIFEN, Macherey-Nagel:
Analysis of PFAS from food samples
-
- WP021** – Olga VYVIURSKA, Slovak University of Technology in Bratislava:
Determination of biogenic amines in botrytized wines with stir-bar sorptive extraction
-
- WP022** – Stephan FREITAG, University of Natural Resources and Life Sciences, Vienna:
Rapid Screening of Deoxynivalenol in Wheat: Towards the Usage of Portable Infrared Spectrometers
-
- WP023** – Modestus WIGGER, Hamm-Lippstadt University:
Identification of volatile markers for the classification of monofloral honey types with HS-GC-MS/IMS using multivariate data analysis tools
-
- WP024** – Liberty SIBANDA, Radox Food Diagnostics:
Validation of the InfiniPlex for the simultaneous detection of antibiotics in milk using the Automated Evidence MultiSTAT
-
- WP025** – Asia HRISTOZOVA, University of Plovdiv:
Studying the effect of Triton X-100 as a matrix component on the GC-MS/MS analysis of the pesticides HCB (1,2,3,4,5,6-Hexachlorobenzene) and o,p-DDD (1-Chloro-2-[2,2-dichloro-1-(4-chlorophenyl)ethyl]benzene)
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- WP026** – Verena PETERSEIL, AGES:
Detection of food fraud – accredited NMR-based approach as method of choice?
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- WP027** – Attila DOMJAN, AGES:
NMR spectroscopy methods in food analytics
-
- WP028** – Virginia COMAN, Babes Bolyai University:
Prevalence of heavy metals in different food consumed in Rural Roma Communities in Transylvania
-
- WP029** – Stefan PIECZONKA, TU Munich:
Comprehensive Characterization of the Beer Metabolome
-
- WP030** – Svenja SCHNEIDER, University of Münster:
Analysis of polar lipids in cereals by supercritical fluid chromatography: Complementary use of high-resolution MS and charged aerosol detection
-

WP031 – Petros MITSIKARIS, University of Thessaloniki:
A novel solid phase extraction protocol for the extraction of fat-soluble and water-soluble vitamins in fortified snacks prior to HPLC-DAD analysis

WP032 – Ilaria LANGASCO, Università degli Studi di Sassari:
Potentiometric determination of fluorine-containing fractions in bovine milk

WP033 – Janine OTTO, Friedrich Schiller University Jena:
Mass Spectrometry Based DNA Methylome Analysis in Human Intestinal Bacteria

WP034 – Alexandra PAPE, University Duisburg-Essen:
Investigation of Homemade Low Temperature Plasma (LTP) Ion Sources

WP035 – Christopher WABNITZ, TU Munich:
Online Monitoring of Natural Organic Matter Using Dry Mass Sensing for Optimizing CSIA Sample Preparation

WP036 – Franziska KOLREP, German Federal Institute for Risk Assessment:
Mass spectrometric discrimination of sesquiterpene lactones in preparations made from plants

WP037 – Alina BEGLEY, ETH Zurich:
Solution-phase Reactive Oxygen Species from Low-Temperature Plasma Jet Treatment lead to Peptide Oxidation ...and Protein Aggregation

WP038 – Tanja GUMPENBERGER, DSM Biomin:
Sweetening mycotoxins – Glucuronidation of Zearalenone via Microsomes

WP039 – Vera SCHWANTES, University of Münster:
2D-LC heart-cut setup with parallel detection for referencing in phospholipid profiling

WP040 – Ole TIEMANN, University of Rostock:
Pioneering Approach of Complex Pharmaceutical Characterization by Ultrahigh-Resolution Mass Spectrometry

WP041 – Thomas LETZEL, AFIN-TS GmbH:
Universal Mass Spectrometric Non-Target Screening - Quo Vadis?

WP042 – Alexander KOEHRER, University of Münster:
*Monitoring the Time-Dependent Uptake of Arsenic Species in *Chlamydomonas reinhardtii* Using Single Cell ICP-MS*

WP043 – Irene EDER-NEUHAUSER, DSM Biomin:
Investigating the efficacy of the feed additive fumonisin carboxylesterase FumD (FUMzyme®)

WP044 – Congrui TAN, ETH Zurich:
Matrix-Assisted Laser Desorption/Ionization (MALDI) Studies for SARS-CoV-2 Drug Development

WP045 – Marleen VETTER, Tofwerk:
Improved compound identification in GC analysis using an EI&CI-TOFMS

WP046 – Andreas MAURACHER, IONICON Analytik GmbH:
Real-Time Monitoring of PFAS in Air with PTR-MS

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- WP047** – Christof REGL, University of Salzburg:
A Tough Nut to Crack: Characterization of the Natural Allergen Art v 1 by Mass Spectrometry and NMR
-
- WP048** – Niklas BENDIECK, University of Münster:
Mass spectrometric investigations of reaction products of tetrathiomolybdate and Cu ions
-
- WP049** – Anja DOLLINGER, TU Munich:
Development of a preclinical model for a new tuberculosis therapy based on mass spectrometry
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- WP050** – David GIBBS, TU Wien:
Using LA-ICP-MS for the Determination of Deuterium in an Effort to Analyse Water Absorption by Thin Polymer Films
-
- WP051** – Kevin ECKEY, Merck KGaA:
Using mass spectrometry to determine the degree of deuteration of small molecules
-
- WP052** – Biljana STOJANOVIC, Seibersdorf:
Quantitative analysis of higenamine and its metabolite in human urine
-
- WP053** – Bernadette MOSER, University of Natural Resources and Life Sciences, Vienna:
“Just in time” online extraction and large volume injection for non-targeted analysis of natural water samples via GC-EI-TOFMS
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- WP054** – Lucie GREY, University of Münster:
In vitro and in vivo investigation of a novel P2X7 receptor antagonist
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- WP055** – Zengchao YOU, BAM Berlin:
Multi-element analysis in different matrixes using nitrogen microwave inductively coupled atmospheric pressure mass spectrometry (MICAP-MS)
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- WP056** – Ruqia NAZIR, University of York:
Collision induced dissociation of transition metal fluoride complexes and multiply charged anions
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- WP057** – Jonas RÖSLER, University Duisburg-Essen:
New Tools in Cancer Metabolomics – Ion Source Development for Single Cell Analysis
-
- WP058** – Klara Florentine DITTMER, Luxembourg Institute of Health:
Proteomic Analysis of the Biological Impact of Aerosol Exposure on COPD
-
- WP059** – Isabella BURGER, TU Wien:
Proteomics, metabolomics and molecular networking as tools for the identification of fungal RiPPs
-
- WP060** – Maximilian LEBEDE, University of Salzburg:
Identifying metabolic perturbations in chronic lymphocytic leukaemia cells upon Ibrutinib treatment by means of high-performance liquid chromatography and mass spectrometry
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- WP061** – Václav PITTHARD, Kunsthistorisches Museum Wien:
Revisiting the imperial past - investigation and conservation of Princes' dress carriages from the Wagenburg in Vienna
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- WP062** – Sarvesh SINGH, Reserve Bank of India Archives:
Microanalysis of Archival Preservative Materials for Preservation of Archival Cultural Heritage
-
- WP063** – Sven HAMPEL, TU Clausthal:
3D printed metal containing polymer layers as reference samples in micro XRF analysis
-
- WP064** – Katharina UHLIR, Kunsthistorisches Museum Wien:
The APPEAR Project at the KHM: Multi-technological research on three mummy-portraits of the KHM
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- WP065** – Nadja KALINKE, Eberhard Karls Universität Tübingen:
Development of a salt-free extraction method combining low-temperature extraction and sugaring out in a water/acetonitrile/ethyl acetate system
-
- WP066** – Lucie TINTROP, University Duisburg-Essen:
How to analyze fatty acids and fatty acid methyl esters in water samples simultaneously
-
- WP067** – Abuzar KABIR, Florida International University:
Capsule Phase Microextraction: A Total Sample Preparation Solution for Modern Analytical/Bioanalytical Laboratories
-
- WP068** – Ulrich ENGEL, Merck KGaA:
Determination of Trace Water Content in different sample matrices via gas chromatographic techniques
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- WP069** – Judith RUDOLF-SCHOLIK, Biotech-Campus Tulln:
Effect of sample preparation and data processing in bottom-up proteomics of insects
-
- WP070** – Michaela ZEINER, Örebro University:
Trace element analysis in solutions with high salt content
-
- WP071** – Dirk TUMA, BAM Berlin:
Preparation and Analysis of Trace Compounds in Hydrogen in the ppm and Sub-ppm Region Relevant for Applications
-
- WP072** – Anna Lena MAYR, University of Veterinary Medicine Vienna:
*Comparison of different protein extraction and digestion methods for the human parasite *Trichomonas vaginalis**
-
- WP073** – Sven HAMPEL, TU Clausthal:
Picoliter derived specimen for characterization of total reflexion X-ray fluorescence instrumentation
-
- WP074** – Parisa MAHDAVI, University of Bremen:
An investigation on potential low-cost polymeric sorbents to remove diclofenac and carbamazepine from water samples
-
- WP075** – Christina MAISL, University of Natural Resources and Life Sciences, Vienna:
Untargeted plant metabolomics: Evaluation of lyophilization as a sample preparation technique
-
- WP076** – Lena HEINING, TU Munich:
*Combination of immunomagnetic separation with flow cytometry for the detection of *Legionella pneumophila* in aerosols*
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- WP077** – Ibukun Elisabeth OSADARE, Leibniz IPHT:
Microarray based detection of resistance and virulence genes in Enterococci
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- WP078** – Tibor CZABANY, DSM Biomin:
Greener alternatives in lipopolysaccharide analysis
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- WP079** – Philipp STREICH, TU Munich:
*Antibody-based rapid detection and subtyping methods for analysis of *L. pneumophila* in process water*
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- WP080** – Dominik WIELAND, University of Münster:
Determining lipid compositions of human lymphoma cells using LC-MS
-
- WP081** – Samuele ZORATTO, TU Wien:
The influence of pH for the analysis of adeno-associated virus by nES-GEMMA
-
- WP082** – Julia NEUMAIR, TU Munich:
Microarray-based Screening Platform to Search for Affinity Binders against Bacteria
-
- WP083** – Christian FAIST, University of Münster:
Determination of short chain fatty acids in human plasma using LC-MS
-
- WP084** – Tina WIGGER, Merck KGaA:
Three Rapid Capillary Electrophoresis (CE) Methods as Part of our Characterization Platform for Adenovirus Associated Virus (AAV) based Vectors
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- WP085** – Victoria F. SAMANIDOU, Aristotle University of Thessaloniki:
Bisphenol analogues' determination in human breast milk by HPLC-DAD after Capsule Phase Microextraction
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- WP086** – Sabine KITTING MUHR, TU Wien:
Analysing the impact of different emulsifiers on skin properties
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- WP087** – Victor U. WEISS, TU Wien:
Gas-phase electrophoresis of exhaled breath condensate (EBC) applying a nES GEMMA instrumentation
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- WP088** – Stephanie STEINBERGER, TU Wien:
Characterization of extracellular vesicles via nES GEMMA, NTA and MS/MS regarding purity and vesicle integrity
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- WP089** – Lilly ZACHERL, TU Munich:
Quantification of calcium carbonate precipitation kinetics under dynamic conditions
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- WP090** – Aradhana DWIVEDI, Leibniz IPHT:
SERS-active electrodes as sensing surface for bioanalytics
-
- WP091** – Oliver SPADIUT, TU Wien:
*Monitoring *E. coli* Cell Integrity by ATR-FTIR Spectroscopy and Chemometrics: Opportunities and Caveats*
-
- WP092** – Julian HNIOPEK, Friedrich Schiller University Jena:
Raman 2DCOS – Investigating Active Centers in Complex Systems
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- WP093** – Parijat BARMAN, Leibniz IPHT:
Investigation of nonlinear optical response of plasmonic nanostructures
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WP094 – Lucas HIRSCHBERGER, TU Munich:
In-line Raman Spectroscopy for continuous microflow synthesis

WP095 – Zhen-Feng CAI, ETH Zurich:
Molecular-Level Insights on Reactive Arrangement in On-Surface Photocatalytic Coupling Reactions Using Tip-Enhanced Raman Spectroscopy

WP096 – Evelyn KYRIS, Merck KGaA:
Fluorescence spectroscopy – underestimated tool for reaction monitoring of conjugated systems

WP097 – Birgit ACHLEITNER, TU Wien:
In-situ investigation of the thermal behaviour of polymers using Laser Induced Breakdown Spectroscopy (LIBS)

WP098 – Thomas MAYERHOEFER, Leibniz IPHT:
Determination of chiral optical constants functions

WP099 – Maximilian PODSEDNIK, TU Wien:
Time-resolved analysis of copper scaling by in-situ LIBS measurements at elevated temperatures in different oxygen partial pressures

WP100 – Lisa BALKE, University of Münster:
Analysis of the cathode-electrolyte interface (CEI layer) in lithium-ion batteries (LIB's) by laser-induced breakdown spectroscopy (LIBS)

WP101 – Sven KOCHMANN, University of Natural Resources and Life Sciences, Vienna:
Assessing protein–metal binding using accurate constant via transient incomplete separation (ACTIS)

WP102

WP103

WP104

WP105 – Kerstin LEOPOLD, Ulm University:
2-D μ XRF investigation of soft matter photocatalytic active materials

WP106 – Miftahul ISLAM, Leibniz IPHT:
Development of a system for automated multimodal analysis of cells

WP107 – Julian PLITZKO, Friedrich Schiller University Jena:
Liver fibrosis: Characterization and localization of polymer-based nanoparticles in cells and tissue with microspectroscopy

WP108 – Christine VERLEMANN, University of Münster:
LA-ICP-MS for the quantified Mapping of the Gadolinium Distribution in Sheep Bone Samples

WP109 – Riccarda MÜLLER, Ulm University:
Iron quantification in quantum dot films with molecular [FeFe] hydrogenase mimics by micro-X-ray fluorescence spectrometry

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- WP110** – Eva KROIS, TU Munich:
Raman Imaging of myoblasts for the label-free detection of proteins, lipids and glycogen
-
- WP111** – Johannes SCHMEINCK, University of Münster:
Optimisation of high-speed elemental bioimaging using LA-ICP-MS
-
- WP112** – Yide ZHANG, TU Wien:
Controlling Spatial Resolution and Sensitivity in Nanoscale Chemical Imaging by Photothermal-Induced Resonance Spectroscopy
-
- WP113** – Richard GIBSON, Thermo Scientific USA:
Direct quantitation of five immunosuppressant drugs in dried whole blood spots by a fully automated DSM-LC-MS system
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- WP114** – Julia DRESSLER, University of Münster:
Quantification of dasatinib and oxaliplatin in cell culture samples
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- WP115** – Dominic IANNITTO, Ulm University:
Mapping iron in placenta by micro-X-ray fluorescence spectrometry
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- WP116** – Anja SILGE, Leibniz IPHT:
Spectroscopic platform for the diagnosis of infections from blood
-
- WP117** – Mateusz FIDO, ETH Zurich:
A Novel System for Offline Breath Analysis using Secondary Electrospray Ionization (SESI) Mass Spectrometry
-
- WP118** – Edoardo FARNESI, University Jena:
Point-of-care Raman microspectroscopy for detecting head and neck tumour markers in body liquids
-
- WP119** – Tobias MEYER-ZEDLER, Leibniz IPHT:
Broadband CARS microscopy for biomedical analysis
-
- WP120** – Yvonne SONG, Thermo Fisher Scientific:
Monitoring Therapeutic Monoclonal Antibodies in Human Serum using HRAM-MS for Clinical Research
-
- WP121** – Torben MAAS, University of Münster:
Towards fast and sensitive speciation analysis of gadolinium-based contrast agents in tissues
-
- WP122** – Felina HILDEBRAND, University of Vienna:
LC-MS Method Development and Validation for Assessing Intestinal Permeability using a Dual Sugar Test employing Mannitol and Lactulose
-
- WP123** – Oliver HAYDEN, TU Munich:
Point of Care Blood Cell Microaggregate Testing for the Acute Care
-
- WP124** – Hans Rainer WOLLSEIFEN, Macherey-Nagel:
Analysis of 25-Hydroxyvitamin D in Serum for Clinical Research
-
- WP125** – Peter NIEHAUS, University of Münster:
Investigation of elemental and lipid distributions in brain samples of multiple sclerosis patients using MALDI-tims-MSI and LA-ICP-MS
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WP126 – Maryia DROBYSH, Center for Physical and Technological Science, Lithuania:
Application of conductive polymers in the design of electrochemical biosensors for COVID-19 diagnosis

WP127 – Sebastian HAUSER, Ulm University:
Determination of trace elements in placenta by total reflection X-ray fluorescence spectrometry: Effects of sampling and sample preparation

WP128 – Sonja WEISHAUPT, University of Münster:
Impurity profiling of organic by-products of a newly developed Gd-based contrast agent

WP129 – Anna-Cathrine NEUMANN-CIP, LMU University Hospital Munich:
Novel (bio)analytic tools to predict synergistic drug combinations for tuberculosis therapy

WP130 – Florian MEIER, Postnova:
Analysis of drug delivery particles under in vivo like conditions by Field-Flow Fractionation coupled to Nanoparticle Tracking Analysis

WP131 – Natalia MANOUSI, Aristotle University of Thessaloniki:
Utilization of polar fabric phase sorptive extraction membranes to monitor the salivary levels of vitamin B12 following the administration of sublingual tablets and oral sprays

WP132 – Fiammetta DI MARCO, University of Salzburg:
A hybrid HPLC-MS approach for in-depth characterization of gonadotropin biopharmaceuticals

WP133 – Johannes SCHUETZE, KNAUER GmbH:
Comparison of Different Solvents on the Performance in Size Exclusion Chromatography of Polylactic Acid

WP134 – Johannes SCHUETZE, KNAUER GmbH:
Xylitol purification from fermentation mash by Simulated Moving Bed (SMB) chromatography

WP135 – Johannes SCHUETZE, KNAUER GmbH:
Increased sample loading capacity for online SPE-HPLC analysis of PAHs.

WP136 – Jan LEPPERT, Universität Bonn:
Simulation of gas chromatography

WP137 – Matthias OLFERT, Eberhard Karls Universität Tübingen:
Teicoplanin - Profiling of branched medium-chain fatty acids and enantiomer separation of anteiso-forms of fatty acyl side chain RS3

WP138 – Tim LAUSCHKE, Bundesanstalt für Gewässerkunde Koblenz:
Quantification of PET microplastics by gas chromatography after solvent extraction and in-situ methanolysis

WP139 – Alexandra BENNETT, University of Natural Resources and Life Sciences, Vienna:
Dual column chromatography improves non-targeted coverage of below ground plant chemical communication

WP140 – Daniel EßER, YMC:
An analytical study on the influencing factors of oligonucleotide analysis by IP-RP

WP141

WP142 – Tillman BREHMER, University of Bonn:
Estimation of retention parameter and elution temperatures in gas chromatography using different multivariate models

WP143 – Matija GREDICAK, Institute Ruđer Bošković:
Characterization and separation of pyrrolo [3,4-b] indole derivatives obtained by the dearomatization reaction between electron-deficient indoles and amino acid-derived isocyanides

WP144 – Cornelius KNAPPE, Eberhard Karls Universität Tübingen:
2D Method Development and 2D Sequential-Cutting by using High-resolution sampling 2D Liquid Chromatography for in-depth analysis of Teicoplanin

WP145 – Pia WITTENHOFER, University Duisburg-Essen:
Characterization of Cholesterol Biosynthesis by means of Heart-cut 2D-LC-QqQ-MS

WP146 – Feiyang LI, Eberhard Karls Universität Tübingen:
Two-dimensional liquid chromatography of synthetic phosphorothioate oligonucleotides

WP147 – Jonathan BRUCKNER, AGES:
Development of a LC-MS screening method for plant protection products

WP148 – Tim STEINWACHS, University of Münster:
Evaluation of different sample introduction systems for single particle ICP-MS with organic solvents

WP149 – Jana THISSEN, IUTA:
Technical development for the hyphenation of size exclusion chromatography to Raman spectroscopy

WP150 – Erik NIEHAVES, University of Münster:
Online protein conjugation of an electrochemically generated, reactive oxidation product of the antibiotic minocycline

WP151 – Sven MECKELMANN, University Duisburg-Essen:
Increasing the Separation Power and Lipidome Coverage by LC-IM-MS in Combination with Multiplexing and Post-Processing

WP152 – Johannes SCHOLZ, University of Münster:
*Investigations of Sphingolipids in *Caenorhabditis elegans* via 2D-LC-MS/MS and SFC-TIMS-MS*

WP153

WP154 – Anna LIPPHARDT, University of Münster:
*Identification and quantification of a novel biosurfactant produced by the marine bacterium *Alcanivorax borkumensis* by hyphenated techniques*

WP155 – Elena HARTNER, JMSC:
The complementarity of hyphenated state-of-the-art mass spectrometric techniques for the detailed chemical profiling of particulate matter

WP156 – Marcus VON DER AU, BAM Berlin:
Development of sc-AF4/ICP-ToF-MS based method for the automated cleaning and multielemental analysis of individual cell

WP157 – Nadine GAWLITTA, JMSc:
The identification of allergy-protective key components from complex aerosol samples by GC×GC-TOFMS

WP158 – Claudia MASUCCI, Empa Dübendorf:
Chlorinated Paraffins by Absorption Mode Fourier Transform via Liquid Sampling Atmospheric Pressure Glow Discharge (LS-APGD) MS

WP159 – Max JENNERWEIN, ASG Analytik:
Application of GC×GC-VUV for the analysis of alternative fuels and feedstocks

WP160 – Karolin SOMMER, Merck KGaA:
Analysis of Sulfuric Species Using Ion Chromatography-Inductively Coupled Plasma Mass Spectrometry

WP161 – Christiane GROHER, AIT:
Operando GC/MS for the investigation of SEI-forming additives in lithium-ion-batteries

WP162 – Jasmin SCHAIRER, Aalen University:
Coupling capillary electrophoresis with TIMS-TOF mass spectrometry using the nanoceasy interface

Poster Session 2 (Thursday, 13.04.2023):

TP009 – Dörte LOHRBERG, Restek:
A Novel LC-MS/MS Method for the Direct Analysis of Underivatized Amino Acids In Human Plasma

TP010 – Dörte LOHRBERG, Restek:
LPGC - The Fast Way to Speed Up Your Multiresidue Pesticide Analysis for Foods

TP011 – Jan PSCHIERER, Restek:
The Development of a Virtual Liquid Chromatography Method Development Tool

TP012 – Jan PSCHIERER, Restek:
Determination of Alternarias, Ergot Alkaloids and Major Mycotoxins in Food Matrices by LC-MS/MS

TP013 – Frank MICHEL, Merck KGaA:
Determination of 2-chloroethanol as a marker of fumigant ethylene oxide in sesame seeds by HS-SPME-GC-MS

TP014 – Frank MICHEL, Merck KGaA:
Investigation of Retention Mechanisms on a new Porous Graphitic Carbon HPLC Phase

TP015 – Christoph KÖRBER, Merck KGaA:
From lab bench analytics to online process monitoring

TP016 – Joscha CHRISTMANN, Hochschule Mannheim:
Anomaly detection in fermentation processes by online GC-IMS exhaust gas monitoring and chemometrics

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- TP017** – Stefan BIEBER, AFIN-TS GmbH:
Characterization and assessment of industrial water recycling processes by non-target screening
-
- TP018** – Christoph GASSER, Usepat:
Particle manipulation using ultrasound combined with established inline probes: a win-win scenario
-
- TP019** – Michael WIEDERSTEIN, University of Natural Resources and Life Sciences, Vienna:
Preparation of soy immunogens for producing soy-allergen specific antibodies used in immunological assays
-
- TP020** – Bernhard KLAMPFL, TU Wien:
Fast Gas Chromatography with development of a negative-thermal gradient GC for the study of volatile products formed in lithium-ion batteries
-
- TP021** – Zoe LIESTMANN, BAM Berlin:
Recycling of mineral wool products produced in melting furnace processes
-
- TP022** – Johannes SCHUETZE, KNAUER GmbH:
Potential application of Simulated Moving Bed Chromatography (SMB) for purification of cannabigerol (CBG) from hemp extract
-
- TP023** – Frank JACOBS, Gerstel:
Development of an automated high volume sorptive extraction sample preparation technique
-
- TP024** – Modest GERTSIUK, Institute of Environmental Geochemistry Kyiv:
Technology and products of pyrolysis of used car tires.
-
- TP025** – Alissa J. WIEBERNEIT, University Regensburg:
Zwitterionic Nanofibers for Nucleic Acid Extraction in Paper-Based Analytical Devices
-
- TP026** – Marco SAEDTLER, Merck KGaA:
Miniaturized transfer models: an additional in vitro tool to investigate biorelevant precipitation
-
- TP027** – Vibhav KATOCH, Panjab University:
Exploring microfluidic platform for photocatalytic reduction of Cr(VI) using nanosized titanium dioxide
-
- TP028** – Rico WARIAS, University Leipzig:
Integrated analytical approaches for reaction optimization on the microscale
-
- TP029** – Monika CONRAD, Eberhard Karls Universität Tübingen:
Quantitative Lateral Flow Test for Amitriptyline with Multi-Channel Structures
-
- TP030** – Bradley D. FRANK, Max Planck Institute of Colloids and Interfaces Potsdam:
Ratiometric Determination of Droplet Morphology-Defined Luminescence as a Sensing Platform
-
- TP031** – David COCOVI-SOLBERG, University of Natural Resources and Life Sciences, Vienna:
Fluidic platform hyphenated online to LC for bioaccessibility assessment and renewable SPE
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TP032 – Jantje Pauline BÄCKER, University Leipzig:
Developing a Lab-on-a-Chip-Platform for the Detection of Tritium Species at Micro Scale

TP033 – Marta P. RUEDA, Jaen University:
Structural and compositional changes of composted olive mill pomace during torrefaction: a spectroscopic study

TP034 – Christian WOLF, Merck KGaA:
Determination of Fluorine by means of Continuum Source Atom Absorption Spectrometry

TP035 – Elisabeth HOLUB, TU Wien:
Photothermal heterodyne imaging in air and aqueous media – parameters and perspectives

TP036 – Jerome RIEDEL, Freie Universitaet Berlin:
Predicting Structural Motifs of Glycosaminoglycans using Cryogenic Infrared Spectroscopy and Random Forest

TP037 – Alicja DABROWSKA, TU Wien:
Mid-IR Dispersion Spectroscopy – A New Avenue for Liquid Analysis

TP038 – Dana CIALLA-MAY, Leibniz IPHT:
Label-free SERS for the detection of drugs and metabolites in complex biological matrices

TP039 – Karin WIELAND, CHASE competence center:
Closing the loop in the pulp and paper industry - a process intensification approach

TP040 – Katharina ZACHMANN, Ulm University:
Characterisation of cobalt oxide nanoparticles by high resolution -continuum source - graphite furnace atomic absorption spectrometry

TP041 – Ingrid HAYENGA-BARTZ, Merck KGaA:
Certification of Marine Toxins by quantitative NMR at the Highest Metrological Level

TP042 – Ingrid HAYENGA-BARTZ, Merck KGaA:
Assure Accuracy of your Quantitative NMR Results by qNMR Standards, Performance Qualification and Proficiency Testing

TP043 – Sophia BAUMANN, University Regensburg:
Upconversion Nanoprobes for Environmental Monitoring: Role of Composition and Architecture on the Photophysical Properties and the Colloidal Stability

TP044 – Markus SALBREITER, Friedrich Schiller University Jena:
Raman spectroscopic analysis of aerobic Bacillus and anaerobic Clostridium species

TP045 – Giovanna RICCHIUTI, TU Wien:
Mid-IR photothermal spectroscopy (PTS) for the detection of caffeine in commercial drinks

TP046 – Constanze SCHULTZ, Leibniz IPHT:
Letting the tag out of the bag

TP047 – Dominik BLAIMER, Ulm University:
Characterization of gold nanoparticles produced by AutoProNANO particle synthesizer using GFAAS, UV/Vis and TEM

TP048 – Gergo Peter SZEKERES, Fritz Haber Institute of the Max Planck Society:
Taking a step towards understanding the three-dimensional structure of glycosaminoglycans

TP049 – Felix FRANK, TU Wien:
Making the case for adsorption enhanced attenuated total reflection spectroscopy using metal-organic frameworks

TP050 – Tony DIB, Leibniz IPHT:
Raman-based detection of natural products in microbial communication

TP051 – Daniel-Ralph HERMANN, TU Wien:
Towards chiral monitoring – Quantum cascade lasers for rapid vibrational circular dichroism

TP052 – Shilpa VIJAYAKUMAR, TU Wien:
Laser-Based Mid-IR Spectroscopy for Monitoring Temperature-Induced Denaturation of BSA and stabilization by Sugars

TP053 – Susanne PAHLOW, Friedrich Schiller University Jena:
Interference Enhanced Raman Spectroscopy (IERS) as a Tool for Sample Preparation and Biomarker Detection

TP054

TP055

TP056

TP057 – Ramia AL BAKAIN, University of Jordan:
Chemometric classification and Prediction of Residual Toxic Heavy Metals at Public Parks in Amman - Jordan

TP058 – Kurt VARMUZA, TU Wien:
Adjusted Pareto scaling for optimum prediction performance of chemometric multivariate models

TP059 – Alexander THOMAS, BMW Group:
Development of a non-destructive analysis method to gauge the quality of adhesive layers via multivariate data analytics

TP060 – Stephan SEIFERT, University Hamburg:
Opening the random forest black box through the utilization of surrogate variables

TP061 – Jonas EICHHORN, Friedrich Schiller University Jena:
dataGrabR – Automatic Integration of Data and Metadata into Data Processing Pipelines

TP062 – Steffen HEUCKEROTH, University of Münster:
Aligned analysis of multimodal ion mobility spectrometry-mass spectrometry data in MZmine 3

TP063 – Nadin ULRICH, Helmholtz Centre for Environmental Research:
Reactivity-based identification of functional groups as a classifier in non-target analysis

TP064 – Max REUSCHENBACH, University Duisburg-Essen:
Parameter-free Binning Algorithm for Feature Detection in Non-Target-Screening with HPLC-HRMS estimating Data Quality

TP065 – Zuzana GAJARSKA, TU Wien:
Feature engineering to improve classification in LIBS

TP066 – Nikolaus HONDL, TU Wien:
Chemical spectroscopy of individual human milk extracellular vesicles

TP067 – John JOLLIFFE, University of Mainz:
NFDI4Chem: Shaping digital and cultural change in chemistry

TP068 – Natasa KALOGIOURI, University of Thessaloniki:
An optimized SPME-GC×GC/MS volatilomics approach combined with supervised chemometrics to investigate pomegranate juice adulteration

TP069 – Armig KABRELIAN, TU Wien:
Kovats Retention Index Prediction for Gas Chromatography for Jet Fuel Components

TP070 – Mou ADHIKARI, Friedrich Schiller University Jena:
Fluorescence Lifetime Imaging Microscopy (FLIM) Data Analysis by Inverse Modeling

TP071 – Kevin KRETSCHMER, Merck KGaA:
HaNS 1.0: A vendor-independent algorithm for detection of impurities

TP072 – Daniel ZIMMERMANN, Fachhochschule Wiener Neustadt:
Comparison of different machine learning algorithms for fast and reproducible/interpretable evaluation of Raman spectroscopic data

TP073 – Michelangelo BALMELLI, Empa Dübendorf:
Spark-Induced Breakdown Spectroscopy of Nanosecond Pulsed Voltages: Electron Density and Temperature measurement

TP074 – Catherine KIEFER, Mannheim University of Applied Sciences:
Python-based SIMCA modelling in for the differentiation of fermented coffee beans in GC-MS/IMS

TP075 – Kevin MILDAU, University of Vienna:
specXplore: An interactive dashboard for flexible exploration of mass spectral data

TP076

TP077 – Filippo LONGO, Empa Dübendorf:
New analytical approach to bridge surface and bulk chemistry in electrocatalysis

TP078 – Juergen KAHR, AIT:
Investigation of Electrolyte Decomposition Products with Operando GCMS for Lithium-Ion Batteries

TP079 – Christopher RÜGER, University of Rostock:
A Journey of Thermal Analysis High-Resolution Mass Spectrometry in Material Sciences

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- TP080** – Alexander WINCKELMANN, BAM Berlin:
Chemical characterization of aging processes in high energy-density lithium-ion batteries
-
- TP081** – Silvia DURISOVA, University of Trencin:
Modification of surface structural properties via DCSBD plasma reactor
-
- TP082** – Ursula FITTSCHEN, TU Clausthal:
X-ray absorption spectroscopy for the characterization of elemental species in polymer electrolyte membranes and slags
-
- TP083** – Joshua FUCHS, Merck KGaA:
Trace-Level Germanium Determination in Zinc Arsenide Samples by (HR)-ICP-SF-MS
-
- TP084** – Maria LANZINGER, BMW Group:
Comparative study of EDX, μ -XRF and LIBS as tools for element quantification in metallic particles.
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- TP085** – Natalia MANOUSHI, University of Thessaloniki:
Titania-based second-generation fabric phase sorptive extraction media: Synthesis, characterization, and preliminary evaluation
-
- TP086** – Heiko Sebastian TILL, TU Clausthal:
Laboratory GIXRF on metallic nanoparticles: modelling and measurements
-
- TP087** – Isabella TAVERNARO, BAM Berlin:
Development of multimodal methods to quantify the total and accessible number of functional groups and ligands on nanomaterials
-
- TP088** – Laurin HASTREITER, University Regensburg:
Electrochemical Fabrication and Characterization of Reduced Graphene Oxide/Copper Oxide Thin Films for Miniaturized Carbon Dioxide Sensors
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- TP089** – Felix LUDWIG, TU Munich:
Chemical characterisation of ultrafine atmospheric aerosols by Laser desorption mass spectrometry
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- TP090** – Luisa HANTSCHKE, BAM Berlin:
Determination of background values of PFAS in representative soil samples of Germany
-
- TP091** – Hainer WACKERBARTH, Institut für Nanophotonik Göttingen:
Real-time measurement system for TNT in the underwater environment of divers
-
- TP092** – Martin WALENTA, University of Graz:
Hygrophoropsis aurantiaca (false chanterelle) - an iron accumulator
-
- TP093** – Richard GRUSECK, University of Vienna:
Analyzing the Biotransformation of Flavonoid as Promising Biopesticides by Soil Enzymes
-
- TP094** – Nadine GAWLITTA, JMCS:
Comprehensive Chemical Characterization of Heavy-Duty Machinery Aerosol from Alternative Fuels
-
- TP095** – Hans Rainer WOLLSEIFEN, Macherey-Nagel:
Analysis of PFAS from water samples
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- TP096** – Juliane SCHOLL, BAM Berlin:
Fate of fluorinated electrolytes used in lithium-ion batteries
-
- TP097** – Antonio FERRACANE, University of Messina:
Dual magnet-integrated fabric phase sorptive extraction combined with GC-MS for multi-class pesticide monitoring
-
- TP098** – Michael SCHALLI, Medical University of Graz:
Supplemented Chromogenic Coliform Agar: A new Method for the Detection of Escherichia coli and Coliform Bacteria in Water
-
- TP099** – Giulia MALVICINI, TU Wien:
Gas detection with balanced – ICAPS with custom Fabry-Perot cavity and fibre array for environmental applications
-
- TP100** – Iskander GAZIZOV, TU Wien:
Multichannel Laser Heterodyne Spectroradiometer for global greenhouse gas measurements
-
- TP101** – Petros MITSIKARIS, University of Thessaloniki:
Investigation of the bioactive fingerprint of Rosa species by a novel and optimized LC-QTOF-MS methodology employing target and non-target screening strategies combined with multivariate chemometrics
-
- TP102** – Anna ROEHNELT, Eberhard Karls Universität Tübingen:
Fast & green Amino(poly)phosphonate Quantification using Ion Chromatography coupled to Amperometric Detection
-
- TP103** – Yiao LIANG, TU Munich:
Cartridge-based flow cytometry for the determination of total count of bacteria in process water
-
- TP104** – Nico CHRISAM, TU Munich:
Chemical analysis of ultrafine environmental particles
-
- TP105** – Vahideh ILBEIGI, Comenius University Bratislava:
Solid Phase Microextraction-Multi Capillary Column-Ion Mobility Spectrometry (SPME-MCC-IMS) for Detection of Methyl Salicylate in Tomato Leaves
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- TP106** – Valentin SCHIERER, Kompetenzzentrum Holz GmbH:
Detection of odorants from wood by headspace and liquid extraction for the analysis with GC-MS/FID/O
-
- TP107** – Habib AL-GHOUL, TU Munich:
Miniature Combustion Reactors to Increase Sensitivity and Selectivity, and to Facilitate GCxGC for Compound-specific Isotope Analysis (CSIA)
-
- TP108** – Lisa ENGELBART, Eberhard Karls Universität Tübingen:
Analytical methods to reveal organophosphonate transformation processes from laundry application to sewage treatment
-
- TP109** – Maximilian HORSTMANN, University of Münster:
Automated quantification of technetium in aqueous media by means of online SPE-IC coupled to ICP-MS
-
- TP110** – Tim LAUSCHKE, Bundesanstalt für Gewässerkunde Koblenz:
Influences of inorganic matrices on the quantification of microplastics via Pyrolysis-GC-MS
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- TP111** – Melanie VOIGT, Hochschule Niederrhein:
Photoinduced degradation of three azole compounds from 3rd EU watchlist
-
- TP112** – Olga VYVIURSKA, Slovak University of Technology in Bratislava:
Advantages of mass accuracy measurement in screening analysis of rose oils
-
- TP113** – Daniela KRÜGER, Bundesanstalt für Gewässerkunde Koblenz:
Development of a mass spectral library on the basis of dielectric barrier discharge ionization
-
- TP114** – Mark WEBER, TU Munich:
Effect of dopants and gas-phase on ionization behavior and efficiency in dielectric barrier discharge ionization
-
- TP115** – Elisabeth VARGA, University of Vienna:
Deciphering the chemical diversity of prymnesins
-
- TP116** – Silvia HUPCEJOVA-DUDASOVA, Helmholtz Centre Leipzig:
Fully automated data processing workflow for Direct Infusion Ultra High-Resolution mass spectrometry data: Suspect approach in PFAS analysis
-
- TP117** – Nico ÜBERSCHAAR, Friedrich Schiller University Jena:
A UHPLC-HRMS method to record cyanotoxins and related secondary metabolites: A case study in Lake Stechlin (Ger)
-
- TP118** – Mirjam BALBISI, Research Center for Natural Sciences Budapest:
Targeting N-glycan changes in skin tissue by MALDI FT-ICR MSI
-
- TP119** – Lara Marie DÜTSCH, TU Bergakademie Freiberg:
*Structural characterization of the extracellular matrix of the diatom *Didymosphenia geminata* with multiple spectroscopic methods*
-
- TP120** – Francesco RUSSO, BAM Berlin:
Upscaling of spectral libraries for HR-EI-MS-based non-target analytics
-
- TP121** – Rani BAKKOUR, TU Munich:
Universal vs. Selective Sorbents for Targeted Isotope Analysis of Aquatic Contaminants
-
- TP122** – Olivia FRENZEL, BAM Berlin:
Identification and analytical characterization of transformation products and metabolites of selected Bisphenols
-
- TP123** – Ilaria LANGASCO, Università degli Studi di Sassari:
Toxic elements in e-cigarette liquids. ICP-MS method development, validation, and application
-
- TP124** – Elie LATTOUF, Tampere University:
Atmospheric pressure chemical ionization MS with multi-scheme chemical ionization inlet (MION)
-
- TP125** – Ann-Sophie LEHNERT, Syft Technologies GmbH:
Direct MS Analysis of Material Emission for Fast Screening of Recycled Plastic
-
- TP126** – Viktoria UNTERSULZNER, TU Wien:
Systematic study to determine Mn and Mw of PEGs by MALDI-linTOF-MS
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- TP127** – Marlene PÜHRINGER, University of Vienna:
Exploring the lipidome of microalgae by novel mass-spectrometry-based lipidomics workflows
-
- TP128** – Edward RUDT, University of Münster:
Comparison of trapped ion mobility spectrometry fragmentation modes for HILIC-MS/MS based lipidomics
-
- TP129** – Lukasz POLEWSKI, Freie Universitaet Berlin:
Ion Mobility-Mass Spectrometry based Glycosaminoglycan Disaccharide Analysis
-
- TP130** – Hannah SCHANZMANN, Hamm-Lippstadt University:
Non-invasive analysis of hospital-acquired pneumonia by ion mobility & mass spectrometry in parallel
-
- TP131** – Franz MLYNEK, Johannes Kepler University Linz:
Development of a fast and reliable tentative annotation workflow for lipids
-
- TP132** – Lukas BODENBENDER, Hochschule Mannheim:
Profiling of high-boiling VOCs by gas chromatography hyphenated to a prototype Focus High-Temperature IMS (Focus-HT-IMS)
-
- TP133** – Florian GERSTL, University Regensburg:
Microfluidic Sensor for Electrochemical, Electrochemiluminescent and Multiplexed Electrochemical Detection of Pathogens
-
- TP134** – Adriana FELDNER, University of Vienna:
Development of Conductive Molecularly Imprinted Polymer (cMIP) Blends for VOC Sensing
-
- TP135** – Gerhard SCHWAIGER, TU Munich:
Calibration strategy for qPCR handling complex matrices in agricultural air purification systems
-
- TP136** – Christoph LENTH, Institut für Nanophotonik Göttingen:
Early detection of the thermal runaway of Li-Ion Batteries
-
- TP137** – Philipp KOSSATZ, BAM Berlin:
Lanthanide nanocrystals as authentication and security tags and reporters for optical sensors
-
- TP138** – John GALLIGAN, University Regensburg:
Development of ready-to-use hydrogen peroxide sensor foils
-
- TP139** – Harald MOSER, TU Wien:
ATEX compliant, FPGA based three-channel quantum cascade laser sensor for sulfur species detection in petrochemical process streams
-
- TP140** – Cornelia REUTER, Leibniz IPHT:
Label-free detection of multiple analytes with diffractometric imaging methods
-
- TP141** – Peter LIEBERZEIT, University of Vienna:
Understanding analyte binding to molecularly imprinted polymer thin films on the way to reproducible sensors
-
- TP142** – Viola WURSTER, Eberhard Karls Universität Tübingen:
Characterization of protein kinase inhibition with an optical sensor
-

TP143 – Sam SAVDA, TU Wien:
Bow-Tie Cavity for I-QEPAS for Isotope Analysis: A Proposed Concept

TP144 – Bernhard MÜLLER, TU Graz:
Concrete corrosion analysis using optical chemical sensors and imaging

TP145 – Yuzi HONG, Max Planck Institute of Colloids and Interfaces Potsdam:
Waveguiding droplets as modular sensory layers for optical signal transduction in chemo- and biosensor applications

TP146 – Muslim KHAN, University of Graz:
Non-enzymatic colorimetric biosensing of dopamine using ionic liquid functionalized copper doped zinc oxide/activated carbon nanocomposites

TP147 – Lukas ZEININGER, Max Planck Institute of Colloids and Interfaces Potsdam:
Multiresponsive droplets as adaptive motile sensors

TP148 – Dominik WACHT, TU Wien:
A Dual DFB Laser Approach for the Quantification of Hydrocarbons in Water

TP149 – Byung KIM, University of Massachusetts:
SERS-based detection of cancer biomarkers in human serum

TP150 – Andreas AUERNHAMMER, TU Munich:
Combination of different measurement systems for the identification of target variables that can predict algae blooms in surface water

TP151 – Jesus MENDOZA-CASTRO, TU Wien:
High-Q factor Si₃N₄Fano cavity for On-Chip refractive index sensing

TP152 – Julia VÖLKLE, University of Vienna:
Conjugating molecularly imprinted polymer nanoparticles and metal nanoparticles for biosensor applications

TP153

TP154 – Davide PINTO, TU Wien:
Highly sensitive and rugged optical detection of NO via Interferometric Cavity-Assisted Photothermal Spectroscopy

Poster Session Mass Spec Forum (Friday, 14.04.2023)

MSFP01 – Ebrahim RAZZAZI-FAZELI, University of Veterinary Medicine, Vienna:
The alteration of proteomic profiles in hippocampus of type 2 diabetic mice

MSFP02 – Alexander WENGER, University of Vienna:
Proteomics analysis of unfolded protein response induced glioblastomas reveals PERK pathway as major regulatory branch

MSFP03 – Iciar SERRANO, CEMM:
Targeted Metabolomics Pipeline for Solute Carrier Transporters (SLCs) Functional Studies

MSFP04 – Veronika FITZ, University of Vienna:
Isotopically labeled biomass for mining quantitative information from HRMS metabolomics data

MSFP05 – Bianca DE JONCKHEERE, University of Vienna:
Critical shifts in lipid metabolism modulate megakaryocyte differentiation and proplatelet formation

MSFP06 – Raluca ICA, National Institute for Research and Development in Electrochemistry and Condensed Matter Plautius Andronescu:
Glycosphingolipidomics of temporal lobe epilepsy by high-resolution tandem mass spectrometry

MSFP07 – Stefanie RUBENZUCKER, University of Vienna:
A targeted LC-MS/MS method for comprehensive, quantitative analysis of bioactive lipids

MSFP08 – Nina TROPPEMAIR, University of Vienna:
Ceramide quantification with species-specific correction factors

MSFP09 – Ivana KARMELIC, University of Zagreb:
LCMS Profiling of Phosphorylated and Free Sphingoid Bases in Gliomas, Peritumoral Tissues and Serums

MSFP10 – Mirela SARBU, National Institute for Research and Development in Electrochemistry and Condensed Matter Plautius Andronescu:
IMS MS reveals oversulfated chondroitin sulfate disaccharide domains in human biglycan

MSFP11 – Andreas SCHWARZ, University of Graz:
Developing a biostatistical model to detect adulteration of Styrian pumpkin seed oil using untargeted UHPLC-QTOF-MS
