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Poster Session Tuesday 20 Feb 2007

TuPo1. SULFUR ANALYSIS IN FLUID INCLUSIONS BY LASER ABLATION ICP-MS

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TuPo2. CAPABILITIES OF NON-METRIX MATCHED CALIBRATION FOR RICE SAMPLES USING LASER ABLATION INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY

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TuPo3. A SIMPLE LASER ICP-MS CELL WITH WASH-OUT TIME LESS THAN 100 ms.

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TuPo4. CHARACTERIZATION OF 213 NM LASER ABLATION-GENERATED AEROSOLS BY INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY AND TOTAL REFLECTION X-RAY-FLUORESCENCE SPECTROMETRY

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TuPo5. VISUALIZATION OF AEROSOL PARTICLES GENERATED BY NEAR INFRARED NANO- AND FEMTOSECOND LASER ABLATION

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TuPo6. DETERMINATION OF ARSENIC IN SINGLE STRANDS OF HUMAN HAIR BY LASER ABLATION-INDUCTIVELY COUPLED PLASMA-MASS SPECTROMETRY (LA-ICP-MS)

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TuPo7. POSSIBILITIES AND APPLICATIONS OF A DUAL-SOLUTION LOADING PNEUMATIC NEBULIZER IN ICP-OES

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TuPo8. ANALYSIS OF THIN PLATINUM LAYERS analysis BY LASER ABLATION ICP-MS

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TuPo9. PLANT PHYSIOLOGICAL ANALYSIS AT NORWAY SPRUCE DRILL CORES USING LA-HR-ICP-MS

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TuPo10. ELEMENTAL ANALYSIS OF ANCIENT BRONZE AND SILVER OBJECTS BY LA-ICP-MS: AN OPTIMIZED METHODOLOGY USING A NEW MOUNTABLE CELL DESIGN

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TuPo11. DIFFERENT APPROACHES FOR SAMPLE PREPARATION TO IDENTIFY AL₂O₃ INCLUSIONS IN STEEL SAMPLES BY LA-ICP-MS.

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TuPo12. ISOTOPE DILUTION LASER ABLATION ICP-MS FOR DIRECT AND ACCURATE ANALYSES OF CHLORINE, SULFUR AND TRACE METALS IN COAL SAMPLES

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TuPo13. TITANIUM PARTICLES IN ORAL TISSUE IDENTIFIED BY LASER ABLATION ICP-MS

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TuPo14. THE APPLICATION OF LASER ABLATION ICP-oTOF-MS TO THE ANALYSIS OF ARCHEOLOGICAL ARTIFACTS

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TuPo15. ABLATION AND IONIZATION RELATED STUDIES ON QUANTIFICATION OF PHASE CHANGE MATERIALS (PCM) USING LA-ICP-MS

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TuPo16. 2D-GEL PROTEIN MAPPING BY LA-ICP-SF-MS

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TuPo17. MULTIELEMENTAL SPECIATION OF METAL-HUMIC SUBSTANCES IN NATURAL ORGANIC MATTER (NOM) BY POLYACRYLAMIDE GEL ELECTROPHORESIS – LASER ABLATION –ICP- MASS SPECTROMETRY (PAGE-LA-ICP-MS)

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TuPo18. LASER ABLATION INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY FOR THE CHARACTERIZATION OF PIGMENTS FROM PREHISTORIC PAINTINGS

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TuPo19. STUDY LASER ABLATED MATTER: APPLICATION TO LA-ICP-AES ANALYSIS OF ALUMINA POWDERS

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TuPo20. NEAR-FIELD FEMTOSECOND LA-ICP-MS OF SOLID SAMPLES.

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TuPo21. FEMTOSECOND-LA-ICP-MS IN-DEPTH PROFILING OF ORGANIC AND INORGANIC COATINGS ON STEEL SUBSTRATES

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TuPo22. MASS LOAD INDUCED MATRIX EFFECTS IN LA-ICP-MS.

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TuPo23. THE ROLE OF LASER ABLATION IN ISOTOPIC FRACTIONATION OF COPPER DURING LASER ABLATION MC-ICP-MS.

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TuPo24. RAPID SCREENING METHOD FOR ARSENIC SPECIATION BY THIN LAYER CHROMATOGRAPHY AND LASER ABLATION-INDUCTIVELY COUPLED PLASMA-DYNAMIC REACTION CELL-MASS SPECTROMETRY

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TuPo25. TREE RING ANALYSIS BY LA-ICP-MS FOR ENVIRONMENTAL MONITORING: VALIDATION OR REFUTATION?

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TuPo26. CAPABILITIES OF FEMTOSECOND LASER ABLATION INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY FOR DEPTH PROFILING OF THIN METAL COATINGS.

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TuPo27. MOZART AND HIS CONTEMPORARIES – HISTORY STORED IN BONES, TEETH AND HAIR ANALYZED BY LA-ICP-MS

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TuPo28. DIRECT MEASUREMENT OF TRACE ELEMENTS IN AIRBORNE PARTICULATE MATTER BY USING LA-ICP-MS.

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TuPo29. ANALYTICAL EFFICIENCY OF IN TORCH LA-ICP-MS

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TuPo30. LASER ABLATION-ICP-MS: QUANTIFICATION OF FEMTOSECOND LASER ABLATION GENERATED AEROSOLS USING SOLUTIONS FOR CALIBRATION

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TuPo31. IMPROVED TIME RESOLVED ANALYSIS (TRA) SOFTWARE FOR LA-ICP-MS.

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TuPo32. TRACE ELEMENT IMAGING OF 6-OHDA INDUCED PARKINSON'S DISEASE IN RAT BRAINS USING LASER ABLATION ICP-MS

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TuPo33. AERODYNAMIC LENS SYSTEMS FOR LASER ABLATION-INDUCTIVELY COUPLED PLASMA-MASS SPECTROMETRY

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TuPo34. SPECIFIC DETECTION OF SELENOPROTEINS IN GEL ELECTROPHORESIS BY FEMTOSECOND LASER-ICP-MS PRIOR TO IDENTIFICATION BY NANOHPIC-ICP-MS AND NANOHPIC-ESI-MS

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TuPo35. DEVELOPMENTS OF AN ONLINE QUANTIFICATION METHOD TO CHARACTERISE CeO₂ NANOPARTICLE UPTAKE INTO LUNG CELLS

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TuPo36. APPLICATION OF A HIGH REPETITION RATE FEMTOSECOND LASER ABLATION - ICPMS FOR GEMSTONES CERTIFICATION AND HIGH RESOLUTION IN-DEPTH ANALYSIS.

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TuPo37. DIRECT DETERMINATION OF TRACE ELEMENTS IN SOILS USING ISOTOPE-DILUTION FEMTOSECOND LASER ABLATION ICP-MS

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TuPo38. CATCHING THE DUST - STUDY OF PLASMA-INDUCED ELEMENTAL FRACTIONATION BY COLLECTING SOLID PARTICLES IN THE ICP REGION

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TuPo39. MEASUREMENT AND MAPPING OF PROTEIN BIOMARKERS VIA LA-ICP-MS

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TuPo40. CHARACTERIZATION OF HISTORICAL ARTEFACTS BY (LA)-(MC)-ICPMS

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TuPo41. LA-ICP MS AND NANO HPLC-ICP MS FOR THE DETECTION AND IDENTIFICATION OF SELENIUM-CONTAINING PROTEINS IN SELENIUM-RICH YEAST

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TuPo42. PROVENANCE DETERMINATION OF FLINT TOOLS FROM THE STONE AGE BY MEANS OF LA-ICPMS

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TuPo43. TRACE ELEMENT MAPPING IN BIOLOGICAL SAMPLES WITH LASER ABLATION-ICPMS

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TuPo44. PRE-CONCENTRATION AND DETERMINATION OF TRACE METALS TRAPPED ON CENTRIFUGAL MICROFLUIDIC DEVICES BY LASER ABLATION INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (LA-ICP-MS)

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TuPo45. ELEMENTAL ANALYSIS OF SRMS BY FEMTOSECOND LASER ABLATION INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY FS-LA-ICP-MS AT 785 nm 393 nm

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TuPo46. BIODIESEL TESTING USING A SIMULTANEOUS ICP SPECTROMETER
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TuPo47. REQUIREMENTS AND CHALLENGES IN THE ICP-OES ANALYSIS OF BIO-FUELS

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TuPo48. TRACE ELEMENT ANALYSIS OF ALTERNATIVE FUELS USING ICP.

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TuPo49. THE EFFECTS OF WEEE/ROHS LEGISLATION IN PLACE AND ITS ANALYTICAL CHALLENGES FOR SCREENING AND FULLY QUANTITATIVE ANALYSES.

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TuPo50. WHICH TRACE ELEMENT ANALYSIS TECHNIQUE FOR MULTI-ELEMENT MCERTS ACCREDITED ANALYSIS OF SOILS?

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TuPo51. IMPROVED LA-ICP-MS ANALYSIS BY USING A SOLID-STATE 193 NM LASER, MPI-DING GLASSES AND GEOREM DATABASE

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TuPo52. EMISSION FROM LASER INDUCED PLASMA OF PREHEATED COPPER SAMPLE

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TuPo53. COMPARISON BETWEEN THE CADMIUM, ZINC, SELENIUM, IRON AND ARSENIC CONTENT IN FRESH AND PARAFFIN-EMBEDDED TISSUE SPECIMEN

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TuPo54. PATTERNS OF RARE EARTH ELEMENTS IN PUMPKIN SEED OILS BASED ON ICP-MS DETERMINATIONS

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TuPo55. EVALUATION OF REFERENCE MATERIALS FOR THE APPLICATION IN LA-ICP-MS

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TuPo56. ANTIMONY DETERMINATIONS IN TRAFFIC-RELATED AIRBORNE PARTICULATE BY AFS AND ICP-MS

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TuPo57. ICP-MS TRACE ELEMENT DATA FROM ALLUVIAL AU AND ITS USE IN MINERAL EXPLORATION

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TuPo58. THE DISTRIBUTION OF DISSOLVED AND PARTICULATE IRON IN A COASTAL ENVIRONMENT USING ICP-MS

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TuPo59. DETERMINATION OF SELECTED ELEMENTS IN SNOW SAMPLES

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TuPo60. MERCURY POLLUTION DETERMINATION IN RIGA BY ZEEMAN ATOMIC ABSORPTION SPECTROSCOPY

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TuPo61. DETERMINATION OF PLATINUM GROUP ELEMENTS IN LAGOON SEDIMENTS BY ICP-MS WITH A SENSITIVITY ENHANCING SPRAY CHAMBER

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TuPo62. APPLICATION OF ICP-MS AS A TOOL FOR ENVIRONMENTAL MONITORING.

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TuPo63. ANALYSIS OF SEAWATER USING DIFFERENT ICP-MS TECHNOLOGIES

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TuPo64. NEW LIGHT THROUGH OLD WINDOWS: AN INVESTIGATION OF POLYATOMIC INTERFERENCES AND MATRIX INDUCED SUPPRESSION IN MARINE SEDIMENT ANALYSIS BY HR-ICP-MS

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TuPo65. DIRECT ANALYSIS OF DILUTED AND UNDILUTED SEAWATER BY HR-ICP-MS M. P. Field,

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TuPo66. INTERCOMPARISON EXERCISES FOR TRACE METALS DETERMINATION IN WATER SAMPLES BY ICP-MS

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TuPo67. METAL CONTENT TO ASSESS THE SEDIMENT QUALITY STATUS OF A PROTECTED MARINE AREA

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TuPo68. IMPLEMENTATION AND VALIDATION OF A METHOD FOR DETERMINATION OF METALS IN DRINKING WATER BY ICP-MS

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TuPo69. EXTENSION OF EN13656* STANDARD MICROWAVE DIGESTION METHOD TO TRACE ELEMENTS MEASUREMENTS IN SEDIMENTS BY ICP-MS: VALIDATION AND UNCERTAINTY CALCULATION

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TuPo70. DETERMINATION OF CHROMIUM, IRON AND SELENIUM IN FOODSTUFFS OF ANIMAL ORIGIN BY COLLISION CELL TECHNOLOGY, INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY, AFTER CLOSED VESSEL MICROWAVE DIGESTION

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TuPo71. MICROWAVE DIGESTION FOR THE DETERMINATION OF AVAILABLE ALUMINA AND REACTIVE SILICA IN BAUXITE

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TuPo72. MICROWAVE ASSISTED PRECONCENTRATION AND SEPARATION OF Pt AND Pd FROM LIQUID SAMPLES FOR ICP-MS DETERMINATION

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TuPo73. OPEN DIGESTION UNDER REFLUX FOR THE DETERMINATION OF TOTAL ARSENIC IN SEAFOOD BY INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPECTROMETRY WITH HYDRIDE GENERATION

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TuPo74. CLEAN LABORATORY TECHNIQUES FOR TRACE METAL ANALYSIS

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TuPo75. DEVELOPMENT AND PERFORMANCE OF LOW-COST CLEANROOM DEVICES.

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TuPo76. APPLICATIONS OF HIGH-SPATIAL RESOLUTION TRACE METAL ANALYSIS OF *PERNA* SHELLS BY LASER ABLATION ICP-MS IN MARINE POLLUTION MONITORING.

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TuPo77. DIRECT SPECTROMETRIC DETERMINATION OF TOTAL FLUORINE IN GEOLOGICAL MATERIALS BY CONTINUOUS POWDER INTRODUCTION INTO HELIUM MICROWAVE INDUCED PLASMA

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TuPo78. DEVELOPMENT AND APPLICATION OF MICROANALYTICAL METHOD FOR INVESTIGATION OF BRAIN TISSUE BY LA-ICP-MS

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TuPo79. NEW STAINING TECHNIQUE IN MEDICINE USING HEAVY METALS: IMAGING OF URANIUM AND NEODYMIUM IN RAT BRAIN SECTIONS BY LA-ICP-MS

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TuPo80. IMAGING OF SELENIUM, COPPER AND ZINC IN THIN SECTIONS OF BIOLOGICAL TISSUES (SLUGS – GENUS ARION) MEASURED BY LA-ICP-MS

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