

Poster Programme of RANC 2023

Time	Room: Session	TV	#	First name	Name	Title
Monday Mátyás: PLE						
Poster-1						
17:00	FOR	A	213	Oleksandr	Zhukov	90Sr Source Age Dating By Lsc And Icp-Ms Analysis
17:00		B	182	Zsolt	Varga	Age Dating Measurements By Laser Ablation Multi-Collector Icp-Ms In Uranium Materials
17:00		C	125	Csaba	Tóbi	Applicability Of Atomic Force Microscopy In Nuclear Forensic Examination
17:00		D	121	Tebogo Gilbert	Kupi	Lead Isotopic Ratios Analysis For Uranium Ore And U3O8 For Nuclear Forensics Purposes
17:00		E	202	Ranhee	Park	Study On Uranium Age-Dating Using 230Th/234U Radiochronometer With The Upgraded Chemical Separation Method
17:00	CMX	F	247	Robert	Steiner	Cmx-7: A Los Alamos National Laboratory Perspective
17:00		G	233	Tara	Kell	Use Of Laser Ablation Inductively Coupled Plasma Mass Spectrometry In The 7Th Collaborative Materials Exercise
17:00		H	181	Anne-Laure	Fauré	Advantages And Limitations Of Four Mass Spectrometry Techniques For Uranium Isotopic Measurement. Case Of The 7Th Collaborative Material Exercise Of The International Technical Working Group
17:00		I	054	Ivan	Elantsev	On The Determination Of Uranium Isotopic Composition Of Nuclear Forensic Samples Using Secondary Ion Mass Spectrometry
17:00		J	156	Samuel T J	Cross	An Overview Of Non-Destructive Analysis Of The Collaborative Materials Exchange Exercise Within The 24 Hour Reporting Window
17:00		K	046	Florin	Albota	Age And Elemental Impurities Determination In Nuclear Materials By Single Quadrupole Icp-Ms
17:00	ACT	L	265	Shan	Xing	Simultaneous Determination Of Transuranium Radionuclides For Nuclear Forensics By Compact Accelerator Mass Spectrometry
17:00		M	160	Shauni N	Williams	Current Capabilities At Lanl For Measuring Interstitial Elements, (C, O, N & H) In Plutonium Materials
17:00		N	061	Nicole A.	DiBlasi	Development Of Teva Resin Extraction Chromatography Separation For Np Determination In Pu Materials Using Gamma Spectrometry
17:00		O				
Poster-2						
17:45	ACT	A	022	Ernst	Artes	The Influence Of Water And Carbon Dioxide Content In Solvents On Molecular-Plating Produced Terbium Thin Films
17:45	PHA	B	260	Xiuyun	Chai	Development Of A Separation Method For The Medical Radionuclide 47Sc From Bulk Amounts Of Ti
17:45	ECO	C	195	Gabriele	Wallner	Influence Of Ba Concentration On Ra And Pb-210 Extraction From Aqueous Samples Using Empore Radium Rad Disk
17:45		D	170	Petros	Leivadarios	Xrf Elemental Analysis And 236/238U Ratios Of Samples From The Almyros' River Outflow In Crete
17:45		E	085	Ioannis	Ioannidis	Temperature Effect On Radionuclides (U-232 And Am-241) Removal From Environmental Waters By Pn6
17:45		F	051	Ana	Noguera	First Attempts To Assess The Radiological Risk Due To The Presence Of Natural Radionuclides In Construction And Building Materials Used In Uruguay.
17:45		G	013	Russel Rolphe	Moubakou Diahou	Radioactivity Measurement And Human Health Risk Assessment In The Most Consumed Staple In The Republic Of Congo
17:45		H	007	Malgorzata	Dymecka	Low-Level Tritium Measurements In Freshwater And Seawater Samples
17:45		I	004	Amina	Mikayilova	Protection Of Equipments From The Corrosion And Salt Deposition In Geothermal Systems Of Azerbaijan
17:45	NAA	J	256	Jan	Kučera	Modernized Control Of A Pneumatic Facility For Short-Time Naa At Lvr-15 Reactor In Řež, Czech Republic
17:45		K	242	Jifi	Mizera	Oxygen Determination In The Ti Certified Reference Material Erm Eb090B By Instrumental Photon Activation Analysis
17:45		L	232	Alena	Krechlerová	Availability Of Neutron Activation Facilities To Foreign Users At Research Center Řež, Czech Republic
17:45		M	228	Huaiyu Heather	Chen-Mayer	Inaa Of Concrete
17:45		N	208	Gwangmin	Sun	Chemical Composition Of Korean Geochemical Reference Materials By Inaa And Wd-Xrf
17:45		O	201	Amares	Chatt	Micelle-Mediated Extraction For Simultaneous Preconcentration Of Cadmium, Cobalt, Copper, Manganese, Nickel, And Zinc With 1-(2-Pyridylazo)-2-Naphthol And Their Determination By Neutron Acti
Tuesday Mátyás: PLE						
Poster-3						
17:00	NAA	A	165	Georg	Steinhauser	Characterization Of Silicone Wristbands As Passive Underwater Samplers For Radionuclides
17:00		B	129	Katalin	Gméling	Qualifying The Raw Materials Of Additive Manufacturing For Use In Neutron Activation Analysis
17:00		C	037	Igor Yu	Silachyov	Application Of Nuclear Physical Methods To Differentiate The Samples Of Medieval Ceramics From Shu-Talas Interfluv In Southern Kazakhstan
17:00		D	014	Yonggang	Yao	Perspective And Progress Of Neutron Activation Analysis At Carr
17:00	PGA	E	176	Massimo	Rogante	Applications Of Pgae To Investigate Cultural Heritage Items From The Marche Region, Italy
17:00		F	082	Tariq A	Al-Abdullah	Developing A Pgnaa Setup For Heavy Metal Detection In Solid Samples
17:00		G	178	János Gábor	Tarbay	Alloys Of West Hungarian Late Bronze Age Spearheads
17:00		H	033	Jonathan	Walg	Fast Neutron Measurement System Using Prompt Gamma Neutron Activation Converter: Monte Carlo Simulations
17:00	SEP	I	267	Susanta	Lahiri	Separation Of Long-Lived 108Mag From 152Eu And 60Co Using Environmentally Benign Peg Based Abs
17:00		J	262	Iga	Zuba	Magnetic Sorbent Fe3O4@Mno2: Preparation, Characterization And Adsorption Study Of Ruthenium From Aqueous Solutions
17:00		K	216	Daniel A	Stubbs	Hafnium Separation For High-Precision Isotopic Abundance Analysis
17:00		L	183	Jakub	Sochor	Electrochemical Adjustment Of The Oxidation State Of Short-Lived Nihonium Homologues
17:00		M	169	Alice	Bulíková	Microfluidic Liquid-Liquid Extraction Of Mo And W In Sub-Minute Contact Times
17:00		N				
17:00		O				
17:45 Poster-4						
17:45	SEP	A	145	Ji-young	Park	X
17:45		B	116	Edgars	Mamis	Production And Mass-Separation Of 44-47Sc Radionuclides At The Cern-Medicis Facility
17:45		C	109	Da young	Gam	Method Validation Of Radiochemical Analysis For The Bioshield Concrete Samples From Decommissioning Process Of Research Reactor
17:45		D	108	Katerina	Horova	Separation Of Molybdenum-93 In Waste From The Decommissioning Of Nuclear Power Plants And Determination Of Separation Efficiency By Cuvette Tests
17:45		E	095	Laura N	Lambert	Cern-Medicis: An Offline Mass Separation Facility Dedicated To Nuclear Medicine
17:45		F	081	Jan	Houzar	Liquid-Liquid Extraction Of Strontium From Acidic Solutions Into Ionic Liquids Using Crown Ethers
17:45		G	077	Jiangang	He	Improved Solid Phase Extraction Materials For Sr-90 And Cs-137
17:45		H	057	Jan	Gut	Use Of Inorganic Sorbents In The Treatment Of Liquid Radioactive Waste
17:45		I	041	Junqiang	Yang	Ultrafast And Selective Separation Of 99Mtc From Molybdenum Matrix Using Dbdq Deliberately Tailored Macrocyclic Crown-Ethers
17:45		J	006	Grażyna	Kaczyńska	The Study Of Distribution Coefficient Of Polonium Between Toluene Or Cyclohexane Solutions Of Tri-Octylphosphine Oxide (Topo) And Tri-Butylphosphate (Tbp) And Selected Inorganic Acids.
17:45		K	268	Junhua	Xu	Effect Of Different External Metals Of Hexacyanoferrate On Cesium Removal
17:45		L	155	Pavel	Bartl	Fast On-Line Kcl-Aerosol Dissolution For Liquid-Phase Chemistry With Homologues Of Superheavy Elements
17:45		M	148	Miroslava	Semelová	Enhancing Radionuclide Extraction By Using Ionic Liquids
17:45		N				
17:45		O				
Thursday Mátyás: PLE						
Poster-5						
17:00	FUE	A	185	Kuan-Ying	Hsieh	Study On Advection–Dispersion Behavior For Simulation Of Hto And Tc-99 Transport In Crushed Granite Of Column Experiments
17:00		B	038	Byung Gi	Park	A Study Of Reduction Reactions Of Sm(ii) And Eu(ii) Ions On Inert W Electrode In Molten LiCl-KCl Eutectic With Bi(iii) Ion
17:00	LON	C	186	Feng-chih	Chang	Determination Of 135Cs Activities In Spiked Radioactive Solids By Icp-Ms And Naa
17:00		D	127	Guosheng	Yang	Measurement Of Actinides And 90Sr In Faecal And Urinary Samples For Procorad 2022
17:00		E	021	Marina	Faure	Development Of A Method To Quantify Pd-107 In Radioactive Wastes
17:00		F	111	Ines	Llopart	For The Determination Of 41Ca In Concrete Samples: Comparison Of Different Counting Efficiency Calibration Methods For Liquid Scintillation Counting
17:00	MAS	G	263	Jakub	Kaizer	Accelerator Studies Of Tree Rings In Proximity Of Aluminium Processing Factory In Ladomerská Vieska (Slovakia)
17:00		H	231	Pavel	Povinec	Sources Of Metals And Plutonium Isotopes In Sediments Of The South-Eastern Baltic Sea
17:00		I	210	Jung Youn	Choi	Comparison And Optimization Of The Tims Analysis Method For Declared Information Verification Of Special Nuclear Material
17:00		J	152	Grisel	Mendez Garcia	Variations In Beam Currents Using Different Carrier Metals In Small Rain Samples For 10Be Measurements By Ams
17:00		K	113	Filip	Babčický	Mass Spectra Analysis Of Ions Produced From Ca And Ni Fluoride Target Materials By Caesium Sputtering
17:00		L	080	Janis	Wolf	Developing A Chemical Sample Preparation Procedure For Accelerator Mass Spectrometry Of 231Pa In Environmental Samples
17:00		M	035	Hyun Ju	Kim	Optimization Of Measurement Protocol For U Particles In Environmental Samples By Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry (La-Icp-Ms)
17:00		N	119	Makoto	Matsueda	Simultaneous Determination Of Actinide-Isotopes By Online Solid-Phase Extraction–Inductively Coupled Plasma–Mass Spectrometry
17:00		O	277	Jia	Tianyi	Sequential Separation Of Iodine Species In Nitric Acid Media For Speciation Analysis Of I-129 In A Purex Process Of Spent Nuclear Fuel Reprocessing
Poster-6						
17:45	PRO	A	206	Maryna	Hryhorenko	Alpha-Conversion Electron Coincidence In Alpha Spectra
17:45		B	132	Jan	Kujan	Low-Level Sr-90 Measurements Within The New Concept Of Radiation Monitoring Of Surface Waters In The Czech Republic
17:45		C	089	Katarzyna	Szarłowicz	Case Study: Background Fluctuations Of Gamma Detectors In Laboratories With A Modern Ventilation System
17:45		D	087	Catalin S.	Tuta	Laboratory Incinerator For Solid Tritium Waste
17:45		E	043	Mee	Jang	Response Function Evaluation Of The Beta Radiation For Semiconductor Detector Using Monte Carlo Simulation
17:45		F	114	Pablo	Serra Crespo	Radiation Resistant Chromium Metal-Organic Frameworks For The Production Of 51Cr By The Recoil Effect
17:45	EDU	G	177	Alžběta	Horynová	Optimizing Decontamination Procedures For Educational Applications
17:45		H	138	Eros	Mossini	A Radiochemistry Laboratory Exercise: Estimation Of Ba-137M Half-Life By Its Internal Conversion Electron
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We reserve the right to change the programme!