

ECAART14 Poster Presentation		Sibiu, July 17-23, 2022 – Romania
Session A, July 18th, 15:40-17:30		
	Name	Title
P-A-1	Amer Al-Qaaod	Contribution of Scatter Neutrons in the Neutron Source Calibration Facility at PTB
P-A-2	Radu-Florin ANDREI	<i>Studies on thermal treatment and ion implantation on memristive devices</i>
P-A-3	Iancu Decebal-Alexandru	<i>Ionization-induced annealing of preexisting defects in silicon single crystal</i>
P-A-4	Roxana Bugoi	Shedding new lights on Late Antique pottery from Histria, Romania
P-A-5	Gyula Nagy	Present status of the Uppsala scanning nuclear microprobe
P-A-6	Oana-Daniela Calancea	Reconstructing prehistoric diets by CT studies on coprolites from Schela Cladovei, Romania
P-A-7	Arnold Milenko Müller	Developments of the ETH/Ionplus Cs-Sputter Ion Source towards high Brightness
P-A-8	Pascal Daniela	Supplementary steps in the purification of quartz from geological samples used in surface exposure dating by Accelerator Mass Spectrometry with ¹⁰ Be and ²⁶ Al
P-A-9	Ferenc Ditrói	Radioactive tracers in industry: Thin Layer Activation of non-metallic materials
P-A-10	Melania Istrati	Early Middle Ages Metal Artefacts from Dobruja under PIXE and XRF Lenses
P-A-11	Michael EHRET	Enhancement of Tape Targets at VEGA
P-A-12	Akbar Hossain	Laser-assisted negative ion production in caesium sputter ion source
P-A-13	Wataru Kada	Development of SiC semiconductor-based dosimeter for the evaluation of clinical dose distribution in the carbon cancer therapy field
P-A-14	Wataru Kada	Measurement of radiation induced current (RIC) utilizing SiC Schottky Barrier Diode (SBD) in the clinical carbon therapy field
P-A-15	Mircea Lechintan	Tailoring Hydrogen Fuel Cells with keV-MeV Ions
P-A-16	Mircea Lechintan	Radiation Hardness Tests of YAP:Ce Detectors Used for CRYRING@ESR
P-A-17	Petr Malinsky	Poly(lactic acid)-based polymer containing gold nanoparticles produced by laser ablation in an organic solvent.
P-A-18	Petr Malinsky	The comparison of Au implanted GaN and ZnO channelling maps obtained using one Si-PIPS and new 680 mSr Hedgehog detector
P-A-19	Omar EL BOUNAGUI	Channeling electronic stopping power of Li ions in silicon crystal: Monte Carlo study
P-A-20	Eleni Ntemou	Lattice-site location of Mn in Mn-doped Sb ₂ Te ₃ topological insulators using MeV ion channeling
Session B, July 19th, 16:10-18:00		

P-B-1	Jaakko Julin	JaBS: Simulation and fitting code for RBS, EBS, NRA
P-B-2	Masoud Dialameh	Development of an experimental setup for ion beam analysis in the transmission geometry
P-B-3	Oscar Marchhart	Developments towards an advanced radiofrequency quadrupole for AMS
P-B-4	Mihon Mirela	Radiocarbon dating of historical bones from Târgșoru Vechi village
P-B-5	Josef Novak	The sensory and catalytic properties of graphene oxide, polyimide, polylactic acid and polyethylene terephthalate implanted by low energy copper ions
P-B-6	Alexandru Razvan Petre	Determination of Boron trace concentrations in graphite matrices by AMS
P-B-7	Mihaela Enachescu	Actual ¹²⁹ I concentration levels in the Black Sea
P-B-8	Mina Raileanu	Proton irradiation induced reactive oxygen species promote apoptosis and G2/M-phase arrest in HepG2 cells
P-B-9	Eva Štěpanovská	The sensory and catalytic properties of GO, PI, PLLA and PET implanted by 1500 keV Cu ions
P-B-10	Nicolae Tanase	Expertise and Capabilities held by Normal-Conducting Magnets Laboratory from ICPE-CA
P-B-11	Primož Vavpetič	Tandetron computer control upgrade
P-B-12	Mauricio Rodriguez	Analysis of the gain and the interpad distance of low gain avalanche diodes using an ion beam microprobe
P-B-13	Mauricio Rodriguez	Measurement of the stopping power in diamond for protons in the 1.6 - 6 MeV energy range
P-B-14	Janis Wolf	Anthropogenic Actinides as Potential Markers for the Anthropocene analyzed by AMS
P-B-15	Maria Ilie	A detailed chronology of the sedimentation in the Danube abyssal fan records the major episodes of the late-Holocene Black Sea evolution
P-B-16	Bogdan Corobean	Numerical study on the effects of laser pulse incidence angle on plasma mirror reflectivity
P-B-17	Johan Meersschaut	Characterization of self-supporting carbon nanotube membranes by means of Rutherford backscattering spectrometry
P-B-18	Rareș Iovănescu	Optimization of PIC simulations for LWFA
P-B-19	Afrodita Liliana Boldea	The importance of particle accelerators for studying the structure of asteroids and methods of teaching
P-B-20	Dan Enache	Resistive and Superconducting Magnets for Nuclear Physics
P-B-21	Ion Burducea	3 MeV He beam surface effects on polymeric nanocomposites