

Communications Program

Monday, June 27th

1. 18:00-18:20 O. V. Nitescu “*New calculations for phase space factors for β^+/β^- decay*”
2. 18:20-18:40 K. Kushal “*Study of nuclear fusion-fission dynamics via $^{16}\text{O}+^{194}\text{Pt}$ reaction*”
3. 18:40-19:00 A. Spiridon “*Upgrade of the TAMU MDM-Focal Plane Detector with MicroMegas Technology*”

Tuesday, June 28th

1. 17:10-17:35 A. Apostol “*Development of nuclear forensic science at IFIN-HH*”
2. 17:40-18:00 D. Choudhury “*Photofission Studies with the GBS facility at ELI-NP*”
3. 18:00-18:20 I. Stanciu “*Influence of thermal treatments on radiocarbon dating of groundwater samples*”
4. 18:20-18:40 A. Zhadan “*Experimental studies of the medical radioisotope production in neutron spectra generated by 660 MeV protons in massive uranium target*”
5. 18:40-19:00 T.N. Szegedi “*Thin-window gas cell for activation measurements*”

Wednesday, June 29th

1. 17:10-17:40 A. Olacel “*High precision neutron inelastic cross section measurements*”
2. 17:40-18:10 R. Margineanu “*Romanian ultralow radiation background laboratory*”
3. 18:15-18:35 Y. A. Kyei “*The uses of Ghana Research Reactor and the principles behind the operation*”

Thursday, June 30th

1. 18:05-18:25 A. Dumitrescu “*Description of Favored α -Transitions in Heavy Odd-Mass Nuclei*”
2. 18:25-18:45 S.R. Mirfayzi “*Laser driven fast and epithermal neutrons sources*”
3. 18:45-19:05 S. Balascuta “*Numerical calculations of the electron beam emittance for Laser plasma wakefield acceleration experiments at ELI-NP*”

Monday, July 4th

1. 18:00-18:20 A. Oprea “*Cross section measurements on p-nuclei*”
2. 18:20-18:40 H. Pasca “*Physical origin of the transition from symmetric to asymmetric fission fragment charge distribution*”
3. 18:40-19:00 A. Balaceanu “*Hardware development for WILLI-AIR experiment*”

Tuesday, July 5th

1. 17:10-17:30 A. Gherghel-Lascu “*KASCADE-Grande energy reconstruction based on the lateral density distribution using the QGSJet-II.04 interaction model*”
2. 17:30-17:50 I. Stefanescu “*In-beam measurements of $^{13}\text{C}+^{12}\text{C}$ fusion reaction cross section at energies around Coulomb barrier*”
3. 17:50-18:10 D. Tudor “*Activation measurements of $^{13}\text{C}+^{12}\text{C}$ fusion cross section at deep sub-barrier energies in IFIN-HH*”
4. 18:10-18:30 A. Sledneva “*Signature energetic analysis of accelerate electron beam after first acceleration station by accelerating stand of Joint Institute for Nuclear Research*”
5. 18:30-18:50 G. D’Agata “*AGB nucleosynthesis: the $^{19}\text{F}(\alpha,p)^{22}\text{Ne}$ reaction at astrophysical energies*”
6. 18:50-19:10 G.L. Guardo “*Study of the reaction $^{17}\text{O}(n,\alpha)^{14}\text{C}$: extension of the Trojan Horse Method to the neutrons induced reactions*”