New aspects of the Hadron and Astro/Nuclear Physics

Wednesday, 7 November 2018

Student Session II (16:20 - 18:00)

time	[id] title	presenter
16:20	[22] Determination of the asymptotic normalization coefficient (nuclear vertex constant) for $\alpha+d\rightarrow {}^6{\rm Li}$ from the new direct measured $d(\alpha,\gamma){}^6{\rm Li}$ data and its implication for extrapolating the $d(\alpha,\gamma){}^6{\rm Li}$ astrophysical S factor at extremely low energies	Mr TURSUNMAKHATOV, K.
16:40	[27] The role of the N/Z-ratio in colliding nuclei during the fusion of sulfur and lead	Mr KAYUMOV, Bakhodir
17:00	[34] ^{3}He(α, γ)^{7}Be and ^{3}H(α, γ)^{7}Li reaction rates and its implications for Big Bang nucleosynthesis	Mr TURAKULOV, Sobir
17:20	[38] Collision centrality dependencies of charged pion production in 12C+181Ta collisions at 4.2 A GeV/c	Ms KANAKOVA, Shakhnoza
17:40	[43] Modified activation method for measurement of the yield of astrophysical reactions	Mr TOJIBOYEV, Olimjon