

2018 European Nuclear Physics Conference

Tuesday, 4 September 2018

Nuclear Astrophysics: AULA 2 (Ground Floor) (14:00 - 16:30)

-Conveners: Frank Günsing; Zsolt Fulop

time	[id] title	presenter
14:00	[181] Nuclear challenges for nucleosynthesis studies	GORIELY, Stephane
14:25	[23] Experimental studies of explosive heavy element nucleosynthesis	Dr KISS, Gabor Gyula
14:50	[72] Underground Measurement of Proton-Induced Reactions on ${}^6\text{Li}$ at LUNA	Mr CHILLERY, Thomas
15:07	[32] Stellar Modelling for Nuclear Astrophysics: Constraining the astrophysical origin of the p-nuclei	Dr BATTINO, Umberto
15:24	[69] Direct capture cross section and low-energy resonances in the ${}^{22}\text{Ne}(p,\gamma){}^{23}\text{Na}$ reaction	FERRARO, Federico
15:41	[38] Alpha particle induced reactions on Sr isotopes	Dr OPREA, Andreea
15:58	[59] Activation cross section measurements of the ${}^{92,94,100}\text{Mo}(a,n){}^{95,97,103}\text{Ru}$ reactions and optical potentials for modelling explosive nucleosynthesis scenarios	Mr SZEGEDI, Tibor Norbert
16:14	[82] A new measurements at LUNA of the ${}^2\text{H}(p,\gamma){}^3\text{He}$ cross section at BBN energies	ZAVATARELLI, Sandra

Thursday, 6 September 2018

Nuclear Astrophysics: AULA 2 (14:00 - 16:30)

-Conveners: Frank Gunsing; Zsolt Fulop

time	[id] title	presenter
14:00	[189] Fusion in massive stars: Pushing the $^{12}\text{C}+^{12}\text{C}$ cross-section to the limits with the STELLA experiment at IPN Orsay	JENKINS, David Jenkins
14:25	[21] Nuclear astrophysics at the n_TOF facility: some key cases in low mass stars evolution.	Dr CRISTALLO, Sergio
14:43	[131] Proton deuteron fusion reaction in the energy range between 60 and 300 keV	Dr LIPOGLAVSEK, Matej
15:00	[110] Recent THM investigation of the $^7\text{Be}(n,\alpha)^4\text{He}$ reaction relevant for cosmology	LAMIA, Livio
15:19	[41] Measurement of the ^{154}Gd neutron capture cross-section at n_TOF (CERN), and its astrophysical implications	Dr MAZZONE, Annamaria
15:37	[93] Exploring Neutron Channel Solutions for the Cosmological Lithium Problem at CERN/n_TOF	MENGONI, Alberto MASSIMI, Cristian
15:55	[98] Measurement of the $^{12}\text{C}(p,\gamma)^{13}\text{N}$ S-factor in inverse kinematics	REINICKE, Stefan
16:13	[140] Equations of state of nuclear matter tested by simulating the merger of two neutron stars	TRAVERSI, Silvia