

Nuclei in the Cosmos XV

Monday, 25 June 2018

Cosmology and big bang nucleosynthesis - "E. Fermi" conference room (14:30 - 16:15)

-Conveners: Shigeru Kubono

time	[id] title	presenter
14:30	[34] Data for S process from n TOF	MASSIMI, Cristian
15:00	[128] Cross sections of $7\text{Be}+d$ measured at low energies and implications for Big-Bang nucleosynthesis	WIEDENHOEVER, Ingo
15:15	[183] A new measurement of the $2\text{H}(p,\gamma)3\text{He}$ cross section in the BBN energy range at LUNA	ZAVATARELLI, Sandra Maria
15:30	[26] Few-Nucleon Reactions of Astrophysical Interest: a Review	MARCUCCI, Laura Elisa
15:45	[173] The study of $6\text{Li}(p, g)7\text{Be}$ reaction at LUNA	PIATTI, Denise
16:00	[138] Non-extensive solution to the cosmological lithium problem	HOU, Suqing

Wednesday, 27 June 2018

Cosmology and big bang nucleosynthesis - "E. Fermi" conference room (09:00 - 11:00)

-Conveners: Oscar Straniero

time	[id] title	presenter
09:00	[82] Experimental Challenge to the Cosmological Li Problem in the Big-Bang Model	KUBONO, Shigeru
09:30	[104] Connecting Nuclear Astrophysics to Cosmological Structure Formation	CÔTÉ, Benoit
10:00	[4] ${}^7\text{Be}(n,p)$ cross section measurement for the Cosmological Lithium Problem at the n_TOF facility at CERN	DAMONE, Lucia Anna
10:15	[124] Cross section measurements of the ${}^7\text{Be}(n,p){}^7\text{Li}$ and the ${}^7\text{Be}(n,\alpha){}^4\text{He}$ reactions covering the Big-Bang nucleosynthesis energy range by the Trojan Horse method at CRIB	HAYAKAWA, Seiya
10:30	[16] The cosmologically relevant ${}^7\text{Be}(n,\alpha){}^4\text{He}$ reaction in view of the recent THM investigations	LAMIA, Livio