Neutrino and Dark Matter in Nuclear Physics 2015

Monday, 1 June 2015

Neutrinos in Nucleosynthesis and Astrophysics - YAA303 (14:30 - 16:00)

-Conveners: T. Suzuki

time	[id] title	presenter
14:30	[33] Rare nuclear single beta decays	HAARANEN, Mikko
15:00	[64] Decay spectroscopy of neutron-rich nuclei relevant to astrophysical r process	NISHIMURA, Shunji
15:30	[85] Nuclear weak processes in astrophysics studied with secondary particle beams	SHIMA, Tatsushi

Tuesday, 2 June 2015

Neutrinos in Nucleosynthesis and Astrophysics - FYS1 (08:30 - 11:00)

-Conveners: S. Nishimura

time	[id] title	presenter
08:30	[50] Neutrino-nucleus reactions and their role for supernova dynamics and nucleosynthesis	LANGANKE, Karlheinz
09:00	[43] Supernova neutrinos and nucleosynthesis	KAJINO, Toshitaka
09:30	[61] Neutrino interactions with nucleons and nuclei	MOSEL, Ulrich
10:00	[100] Formal and interdisciplinary aspects of neutrino flavour conversion in astrophysical environments	VOLPE, Cristina
10:30	[90] Spin responses in nuclear weak processes and nucleosynthesis	SUZUKI, Toshio

Wednesday, 3 June 2015

Neutrinos in Nucleosynthesis and Astrophysics - YAA303 (14:30 - 16:00)

-Conveners: T. Kajino

time	[id] title	presenter
14:30	[15] Neutrino induced reactions by QRPA and related topics	CHEOUN, Myung-Ki
15:00	[68] Supernova (anti)neutrino induced reactions in nuclei based on relativistic energy density functional	PAAR, Nils
15:30	[92] Nuclear response and gamma-emissivity studied by proton inelastic scattering	TAMII, Atsushi

Neutrinos in Nucleosynthesis and Astrophysics - YAA303 (16:30 - 19:00)

-Conveners: C. Volpe

time	[id] title	presenter
16:30	[36] Structure of nuclei with strangeness and neutron star	HIYAMA, Emiko
17:00	[46] Non-standard neutrino-nucleus interactions	KOSMAS, Theocharis
17:30	[94] Variational study of the equation of state for hyperonic neutron stars	TOGASHI, Hajime
17:50	[104] Neutrino-nucleus scattering at supernova energies	YDREFORS, Emanuel
18:10	[106] LBNO-DEMO (WA105): a large demonstrator of the liquid Argon double phase TPC	LOO, Kai