

The Project X Physics Study

Saturday, 16 June 2012

Neutron-antineutron oscillations - WH3NE Conjectorium (09:00 - 10:30)

-Conveners: Albert Young; Chris Quigg

time	[id] title	presenter
09:00	[131] Theoretical motivation for neutron-antineutron oscillations	
09:25	[132] New processes at LHC and neutron-antineutron oscillations	Prof. GOGOLADZE, Ilia
09:40	[133] Experimental searches for neutron-antineutron oscillations in nuclei	Prof. KEARNS, Ed
10:00	[134] Neutron-antineutron oscillations vs nuclei stability	Prof. VAINSHTEIN, Arkady
10:15	[135] Future neutron-antineutron intranuclear searches vs vacuum oscillations	Prof. KAMYSHKOV, Yuri

Neutron-antineutron oscillations - WH3NE Conjectorium (14:00 - 15:30)

-Conveners: Albert Young; Chris Quigg

time	[id] title	presenter
14:00	[136] Neutron-antineutron oscillations with free neutrons	Prof. SNOW, W. M.
14:15	[137] Leptogenesis and Fundamental Symmetries of Nature	Prof. CHEN, Mu-chun
14:35	[138] Baryogenesis and neutron-antineutron oscillations	BABU, Ks
15:00	[139] Skyrme suppression or enhancement of neutron-antineutron oscillations	Dr STAVENGA, Gerben
15:15	[140] Lattice calculations of neutron-antineutron matrix elements	Dr BUCHOFF, Michael

Monday, 18 June 2012

Neutron-antineutron oscillations: (joint with Large-area cost-effective detectors) - WH3NE, Conjectorium (11:00 - 12:30)

-Conveners: Albert Young; Chris Quigg

time	[id] title	presenter
11:00	[205] Overview of free neutron-antineutron search experiment at ILL in 1991	Prof. DUBBERS, Dirk
11:40	[206] Overview of possible NNbarX configurations and staging	Prof. KAMYSHKOV, Yuri
12:10	[207] Discussion	

Neutron-antineutron oscillations: joint with Large-area, cost-effective detectors - WH3NE, Conjectorium (16:00 - 17:30)

-Conveners: Chris Quigg; Mayly Sanchez; Yuri Kamyshev; Albert Young

time	[id] title	presenter
16:00	[87] Super-mirrors and neutron focusing	SHIMIZU, H.
16:30	[89] Grooved moderator for N-Nbar-X	LIU
16:45	[91] Cold and ultra-cold source R&D	LIU, C.-Y.
17:00	[93] TPC tracker and magnetic shield for NNbar	BANERJEE, Sunanda

Tuesday, 19 June 2012

Neutron-antineutron oscillations - WH3SE, Conjectorium (09:00 - 18:00)

-Conveners: Albert Young; Chris Quigg