

NNN08

Thursday 11 September 2008 - Saturday 13 September 2008

Laboratoire APC
Programme

Table of contents

Thursday 11 September 2008	3
Opening address / announcements	3
Proton Decay	3
Supernova Neutrinos	3
Current & Near Future Neutrino Experiments	3
Friday 12 September 2008	4
Towards next generation projects	4
R towards Large Scale Detector	4
Saturday 13 September 2008	5
Geoneutrinos	5
Lepton Flavour Violation	5
Engineering & Discussion	5
Neutrino and proton decay what can we learn FOR FUNDAMENTAL PHYSICS AND COSMOLOGY	5
Y. Totsuka's memorial talk	5

Thursday 11 September 2008

Opening address / announcements - Amphithéâtre Buffon (09:00-09:10)

Proton Decay - Amphithéâtre Buffon (09:10-10:30)

time	[id] title	presenter
09:10	[22] Proton decay theory	
09:40	[23] Proton Decay Search in Super-Kamiokande-I and II	
10:10	[24] Proton decay and neutrino astrophysics with the future LENA detector	

Supernova Neutrinos - Amphithéâtre Buffon (11:00-13:30)

time	[id] title	presenter
11:00	[25] Current understanding of core-collapse supernovae and neutrino emission	
11:30	[26] Relic cosmological and astrophysical neutrinos	
12:00	[27] A process to detect neutrinos of vanishing kinetic energy by means of unstable target nuclei.	
12:20	[28] Extracting neutrino and SN parameters from a galactic supernova.	
12:40	[29] Possible CP-Violation effects in core-collapse Supernovae	

Current & Near Future Neutrino Experiments - Amphithéâtre Buffon (14:30-19:10)

time	[id] title	presenter
14:30	[30] Theoretical models of neutrino parameters	
15:00	[31] HARP / NA61	
15:20	[32] MINOS	
15:40	[33] OPERA	
16:00	[34] Super Kamiokande latest results	
16:20	Coffee	
16:50	[35] Characterising the T2K neutrino beam: Status of the T2K Near Detectors	
17:10	[36] Status and Prospects of the NOvA Experiment	
17:30	[37] ICARUS T600	
17:50	[38] BOREXINO	
18:10	[39] KamLAND general talk	
18:30	[40] DOUBLE CHOOZ and RENO	
18:50	[41] Daya Bay	

Friday 12 September 2008

Towards next generation projects - Amphithéâtre Buffon (09:00-12:45)

time	[id] title	presenter
09:00	[42] FNAL to HOMESTAKE beam plan	
09:30	[43] European neutrino beam plans	
10:00	[44] J-PARC neutrino beam	
10:30	Coffee	
11:00	[45] LAGUNA	
11:30	[46] SNOLAB	
11:50	[47] INO	
12:10	[48] HANOHANO	
12:30	[49] ANTARES, lessons learned from its completion	

R towards Large Scale Detector - Amphithéâtre Buffon (14:00-18:25)

time	[id] title	presenter
14:00	[50] R in Japan	
14:20	[51] GADZOOKS	
14:40	[52] R WC US	
15:00	[54] R WC Europe	
15:20	[53] LAr Time Projection Chambers: U.S. R&D	
15:40	[55] R plan towards 100 kton LAr detector (I)	
16:10	[56] R plan towards 100 kton LAr detector (II)	
16:25	[57] MODULAR	
16:40	Coffee	
17:05	[58] R Scintillators in EU	
17:25	[59] R HPD Japan	
17:45	[60] PARISROC	
18:05	[61] Massive PM production by Photonis	

Saturday 13 September 2008

Geoneutrinos - Amphithéâtre Buffon (09:00-09:20)

Lepton Flavour Violation - Amphithéâtre Buffon (09:20-09:40)

Engineering & Discussion - Amphithéâtre Buffon (09:40-12:00)

time	[id]	title	presenter
09:40	[64]	Pre-feasibility study at Pyhasalmi	
10:00	[65]	Large underground cavities in a salt mine from Slanic-Prahova, Romania	
10:20	[66]	US DUSEL	
10:40	[67]	NSF point of view	
10:55		Coffee	
11:15	[68]	Roundtable on ways of coordination	

Neutrino and proton decay what can we learn FOR FUNDAMENTAL PHYSICS AND COSMOLOGY - Amphithéâtre Buffon (12:00-12:30)

Y. Totsuka's memorial talk - Amphithéâtre Buffon (12:30-13:00)