

Second NEu2012 Annual Meeting

May 10, Paris, CNRS Headquarters

		minutes
09:00 Welcome	V. Palladino	5'
09:05 Introduction	I. Efthymiopoulos	10'
09:15 Motivation for neutrino physics		
Motivation for neutrino accelerator experiments	S. King tbc	15'
Neutrinos and the LHC	G. Senjanovic tbc	15'
The role of neutrino physics in the quest for physics Beyond the Standard Model:	B. Gavela tbc	15'
10:00 Break		
10:30 NEu2012 Task 2: Existing European Neutrino Facilities		
CNGS and its future	A. Ereditato, tbc	15'
LAGUNA-LBNO SPS-based-beams	C. Rubbia, tbc	15'
Rebuilding the PS neutrino beam	I. Efthymiopoulos	15'
	Speaker to be confirmed, c/o I. Efthymiopoulos	15'
11:30 NEu2012 Task 3: Future European Neutrino Facilities		
1 Accelerator technologies towards future neutrino beams		
EUROnu SPL Superbeam	M. Zito tbc	20+10'
EUROnu Betabeam	E. Wildner	20+10'
EUROnu and IDS-NF Neutrino factory	J. Pozimski tbc	20+10'
13:00 Lunch		
14:00 2 Detector technologies in future neutrino experiments		
Water Cerenkov	A. Tonazzo tbc	15+5'
Fully Active Scintillator	Y. Kudenko tbc	15+5'
Magnetized Iron Detectors	P. Soler tbc	15+5'
Liquid Argon	C. Rubbia tbc	15+5'
15:30 Break		
16:00 3 Neutrino installations and safety & environmental issues		
High power superbeam and neutrino factory targets (EUROnu)	I. Efthymiopoulos	10'
Beta beam accelerators and storage rings (EUROnu)	Speaker to be confirmed, c/o E. Wildner	10'
Detector Issues (LAGUNA)	A. Rubbia tbc	10'
16:30 Conclusions		
European neutrino physicists in international collaborations	V. Palladino	10'
Synergetic staged options for Europe (both short and long term perspectives)		
Low energy Option I: SPL Superbeam then Beta-beam to Fréjus	M. Mezzetto tbc	20'
High energy Option II: SPS beam then neutrino factory	Speaker to be confirmed	20'
Strategy process, road to choices	T. Nakada, E. Fernandez tbc	20'
18:00 Round up discussion		