

Session 2: Neutrino physics

Session conveners:

Alexander Olchevski (JINR)
Alexei Smirnov (ICTP)

Red Hall

Friday, July 28, 2006

Session I

09:00 – 11:00

Chair: **M.Spiro**

Secretaries: **Alexander Bednyakov**
Alexey Nechaev

09:00–09:05	Opening	
09:05–09:20	New Results using Atmospheric Neutrinos from Super-Kamiokande	Ch. Walter (Duke U. Durham)
09:20–09:40	First results from the Minos Experiment	G. Pearce (Rutherford Appleton)
09:40–09:55	SNO (exact title TBA)	K. Graham (Carleton U. Ottawa)
09:55–10:10	Status and perspectives of gallium experiments	V. Gorbachev (INR RAS)
10:10–10:25	Updated solar neutrino results from Super-Kamiokande	Y. Takeuchi (Kamioka)
10:25–10:40	KAMLAND (exact title TBA)	K. Nakamura (Tohoku)
10:40–10:55	The Latest from MiniBooNE	H.Tanaka (Princeton)

Session II

11:30 – 13:00

Chair: **G.Drexlin**

Secretaries: **Alexander Bednyakov**
Alexey Nechaev

11:30–11:42	HARP (exact title TBA)	L. Howlett (Sheffield)
11:42–11:57	Double beta decay: last results from NEMO-3	A. Barabash (ITEP)
11:57–12:12	Last results of CUORICINO and R&D for CUORE	S. Capelli (Milano Bicocca)
12:12–12:35	A global analysis of neutrino oscillations	A. M. Marrone (Bari)
12:35–12:50	Can we learn something more on oscillations from atmospheric neutrinos?	Th. Schwetz-Mangold (SISSA)

Session III**14:30 – 16:00**Chair: **J. Arafune**Secretaries: **Alexander Bednyakov**
Alexey Nechaev

14:30–14:45	Constraining flavor-dependent long range forces from neutrino experiments	A. Dighe (Tata)
14:45–15:00	Observable $N\text{-}\bar{N}$ Oscillation in High Scale Seesaw Models	B. Dutta (Texas)
15:00–15:15	TeV Leptogenesis in the Minimal Seesaw Model	Zhi-zhong Xing (IHEP Beijing)
15:15–15:30	A new type of mu-tau symmetry and its implications for CP-violation searches	Y. Farzan (Tehran)
15:30–15:45	Phenomenology of Minimal Lepton Flavor Violation	B. Grinstein (California)
15:45–16:00	Minimal Flavour Violation and leptogenesis	V. Porretti (Roma)

Session IV**16:30 – 18:30**Chair: **C. Froggatt**Secretaries: **Alexander Bednyakov**
Alexey Nechaev

16:30–16:45	Parameterization of the Pontecorvo, Maki, Nakagawa, Sakata Neutrino Mixing Matrix	S. Rajpoot (California)
16:45–17:00	From Unified Theories to Precision Neutrino Experiments	S. Antusch (Madrid)
17:00–17:20	Realizations of mu-tau interchange symmetry	W. Grimus (Vienna)
17:20–17:40	A_4 flavour symmetry breaking scheme for understanding neutrino and quark mixing angles	R. Volkas (Melbourne)
17:40–17:55	Large Neutrino mixing and Fermion Mass Hierarchy in the NMSGUT	C. Aulakh (Panjab)
17:55–18:10	A New Model for Neutrino and Charged Lepton Masses in Extra Dimensions	S. Nandi (Oklahoma)
18:10–18:25	eV Seesaw with Four Generations and 3+3 scenario	A. Soddu (Weizmann)

Main hall

Saturday, July 29, 2006

Session V

11:30 – 13:00

Chair: F.Dydak

**Secretaries: *Andrey Radzhabov*
*Grigory Vartanov***

11:30–11:42	OPERA-status of the experiment	Yu. Gornushkin (JINR)
11:42–11:54	Double Chooz oscillation experiment	V. Sinev (CEA/Saclay)
11:54–12:06	Daya Bay Neutrino Experiment	Y. Wang (IHEP Beijing)
12:06–12:18	The NOvA Long Baseline Neutrino Experiment Status	L. Mualem (Minnesota)
12:18–12:30	The KATRIN Experiment	M. Beck (Muenster)
12:30–12:42	India-based Neutrino Observatory (INO) Proposal	N. Mondal (Tata)
12:42–12:54	Research Program towards the first observation neutrino-nucleus coherent scattering	Hau-Bin Li (Taipei)