



# International Workshop on Neutrino Factories, Super Beams and Beta Beams

Tuesday, August 20, 2013

WG1: Present and near future oscillation experiments - B326 (10:30 AM - 12:30 PM)

-Conveners: Alexandre Sousa; Enrique Fernandez-Martinez; Takeshi Nakadaira

time	[id]	title	presenter
10:30	[M73]	MINOS and MINOS+	Dr COELHO, Joao
10:55	[M74]	Status of the NOvA Experiment	Dr PALEY, Jonathan
11:20	[M76]	Status of the T2K Experiment	Dr FRIEND, Megan
11:45	[M75]	Resolving the octant of $\theta_{23}$ with T2K and NOvA	Prof. AGARWALLA, Sanjib Kumar

WG1: Proposals for next generation oscillation facilities I - B326 (4:00 PM - 5:30 PM)

-Conveners: Alexandre Sousa; Enrique Fernandez-Martinez; Takeshi Nakadaira

time	[id]	title	presenter
4:00 PM	[M77]	ENuMI	Prof. LANG, Karol
4:20 PM	[M78]	LBNE	STRAIT, James
4:40 PM	[M19]	The Laguna-LBNO neutrino oscillation project: status and plan	BLONDEL, Alain
5:00 PM	[M79]	ESS	Dr DRACOS, Marcos

# Wednesday, August 21, 2013

## WG1: Proposals for next generation oscillation facilities II - B326 (8:30 AM - 10:00 AM)

-Conveners: Alexandre Sousa; Enrique Fernandez-Martinez; Takeshi Nakadaira

time	[id]	title	presenter
8:30 AM	M101]	T2HK	Dr ISHIDA, Taku
8:50 AM	M04]	Physics Performance of a Low-Luminosity Low Energy Neutrino Factory	COLOMA, Pilar
9:10 AM	M36]	MIND: A Detector for Probing CP Violation at a Neutrino Factory.	Dr BAYES, Ryan
9:30 AM	M72]	Gain fractions of future neutrino oscillation facilities over T2K and NOvA	Dr BLENNOW, Mattias

## WG1: Mass hierarchy determination I - B326 (1:30 PM - 3:30 PM)

-Conveners: Alexandre Sousa; Enrique Fernandez-Martinez; Takeshi Nakadaira

time	[id]	title	presenter
1:30 PM	M37]	Challenges in resolving neutrino mass hierarchy in medium-baseline reactor experiments	Dr WANG, Wei
1:55 PM	M2]	Confidence in the Neutrino Mass Hierarchy	Prof. EVSLIN, Jarah
2:20 PM	M20]	Studying Low Energy Neutrinos at the South Pole with the PINGU Detector	Dr CLARK, Kenneth
2:45 PM	M71]	Determination of the neutrino mass ordering by combining PINGU and Daya Bay II	Dr BLENNOW, Mattias
3:10 PM	M198]	Oscillations and decoherence	Prof. MCDONALD, Kirk T

## WG1: Mass hierarchy determination II - B326 (4:00 PM - 5:30 PM)

-Conveners: Alexandre Sousa; Enrique Fernandez-Martinez; Takeshi Nakadaira

time	[id]	title	presenter
4:00 PM	M85]	Determining the mass hierarchy from Supernovae	Dr CHAKRABORTY, Sovan
4:20 PM	M55]	The neutrino mass hierarchy in KM3NeT - ORCA, a feasibility study.	Dr EBERL, Thomas
4:40 PM	M86]	INO physics potential	Dr CHOUBEY, Sandhya
5:00 PM	M87]	Determining neutrino masses from Cosmology	WONG, Yvonne

# Thursday, August 22, 2013

## WG1: Neutrinoless double beta decay - B326 (8:30 AM - 10:00 AM)

-Conveners: Alexandre Sousa; Enrique Fernandez-Martinez; Takeshi Nakadaira

time	[id]	title	presenter
8:30 AM	[M88]	Status of neutrinoless double beta decay searches	Prof. YANG, Liang
8:50 AM	[M89]	Sterile neutrino contribution to neutrinoless double beta decay	Dr JACOBO, Lopez Pavon
9:10 AM	[M90]	Systematic decomposition of the neutrinoless double beta decay operator	Dr OTA, Toshihiko
9:30 AM	[M190]	Anarchy, neutrinoless double beta decay and leptogenesis	Mr LU, Xiaochuan

## Friday, August 23, 2013

WG1: Sterile neutrinos and reactor oscillation results - B326 (10:30 AM - 12:30 PM)

-Conveners: Alexandre Sousa; Enrique Fernandez-Martinez; Takeshi Nakadaira

time	[id]	title	presenter
10:30	<del>A01</del>	Sterile neutrino searches in the US	Dr ZARKO, Pavlovic
10:50	<del>A03</del>	Sterile neutrino searches at J-PARC	Prof. MARUYAMA, Takasumi
11:10	<del>A02</del>	ICARUS status and results	SALA, paola
11:30	<del>A02</del>	Cosmological bounds on sterile neutrinos	Ms ARCHIDIACONO, Maria
11:50	<del>A06</del>	Double Chooz recent results	Ms SHARANKOVA, Ralitsa
12:10	<del>P01</del>	Daya Bay recent results	Dr JETTER, Soeren

WG1: Summary preparation - B326 (4:00 PM - 5:30 PM)

-Conveners: Alexandre Sousa; Enrique Fernandez-Martinez; Takeshi Nakadaira

time	[id]	title	presenter
4:00 P	<del>M157</del>	Summary preparation	