

ν Mass 2013 Program
Dipartimento di Fisica "G. Occhialini", Room U2-02

Monday, February 4

10:00	Registration	-		120	-
12:00	Lunch	-		90	-
13:30	Welcome	-		15	-
	<i>Session Chairman</i>	<i>S. Ragazzi (INFN - LNGS / U. Milano-Bicocca)</i>			
13:45	G. Senjanovic	General	Neutrino mass models	30	10
14:25	E. Lisi	General	Neutrino masses from oscillation experiments	30	10
15:05	W. Rodejohann	Double Beta Decay	Neutrinoless Double Beta Decay and Neutrino Mass	30	10
15:45	Coffee break	-		30	-
	<i>Session Chairman</i>	<i>M. Colpi (U. Milano-Bicocca)</i>			
16:15	A. Melchiorri	Astrophysics Measurements	Constraints on Neutrino Physics from Cosmology	30	10
16:55	H. De Vega	Sterile Neutrinos	Galaxy and cosmological motivations to the search of warm dark matter sterile neutrinos	30	10
17:35	C. Yang	Mass Hierarchy	Perspectives for the measurement of mass hierarchy with the Daya Bay II experiment	20	5
18:00	G. Barker	Mass Hierarchy	Establishing the neutrino mass hierarchy at accelerators	20	5

Tuesday, February 5

	<i>Session Chairman</i>	<i>F. Terranova (U. Milano-Bicocca)</i>			
09:30	Th. Lasserre	Sterile Neutrinos	Sterile neutrinos	30	10
10:10	E. Figueroa-Feliciano	Sterile Neutrinos	Ricochet: Coherent Neutrino Scattering with Cryogenic Athermal Detectors	20	5
10:35	Coffee break	-		30	-
	<i>Session Chairman</i>	<i>A. Nucciotti (U. Milano-Bicocca)</i>			
11:05	A. De Rujula	Direct measurements	Progress towards measurements of the neutrino mass in single and double electron-capture beta-decays	35	10
11:50	Ch. Weinheimer	Direct measurements	Direct neutrino mass measurements	35	10
12:35	Lunch	-		85	-
	<i>Session Chairman</i>	<i>K. Heeger (UW Madison)</i>			
14:00	N. Wandkowsky	Direct measurements	KATRIN - Status of spectrometer commissioning	20	5
14:25	L. Gastaldo	Direct measurements	The ECHO Experiment	20	5
14:50	F. Gatti	Direct measurements	MARE Experiment	20	5
15:15	Coffee break	-		30	-
	<i>Session Chairman</i>	<i>C. Brofferio (U. Milano-Bicocca)</i>			
15:45	J. Formaggio	Direct measurements	Project 8	20	5
16:10	M. Yoshimura	Direct measurements	Neutrino mass spectroscopy using atoms and molecules	30	5
16:45	T. Ota	Mass Hierarchy	Collider-testable neutrino mass generation mechanisms	20	5
17:10	Open session	Direct measurements	Open session	60	-

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Wednesday, February 6

Session Chairman E. Fiorini (U. Milano-Bicocca)

09:30	J. Wilkerson	Double Beta Decay	Neutrinoless Double Beta Decay and Neutrino Mass	35	10
10:15	P. Gorla	Double Beta Decay	First CUORE-0 measurement on the way to CUORE	20	5
10:40	Coffee break		-	30	-

Session Chairman O. Cremonesi (INFN Milano-Bicocca)

11:10	M. Marino	Double Beta Decay	EXO	20	5
11:35	C. Cattadori	Double Beta Decay	Results and status report of the GERDA experiment at LNGS	20	5
12:00	F. Avignone	Double Beta Decay	Excited State Search for Neutrinoless Double Beta Decay with CUORE	15	5
12:20	Lunch		-	90	-

13:50	M. Sisti	Double Beta Decay	The future of neutrinoless double beta decay searches with thermal detectors	20	5
14:15	M. Sorel	Double Beta Decay	The NEXT Experiment	20	5

Session Chairman P. K. Day (JPL/Caltech)

14:40	P. Ranitzsch	Direct measurements	Calorimetric measurement of the ^{163}Ho electron capture spectrum	15	5
15:00	M. Faverrani	Direct measurements	Status of the MARE-1 experiment	15	5
15:20	J. Fowler	Direct measurements	Large Microcalorimeter Arrays for Beta Decay Spectroscopy	15	5
15:40	Coffee break		-	30	-

Session Chairman M. Ribeiro-Gomez (University of Lisbon)

16:10	U. Koester	Direct measurements	Production and separation of ^{163}Ho	15	5
16:30	L. Lahiri	Direct measurements	Alternative Production routes and new separation methods for no-carrier-added ^{163}Ho	15	5
16:50	M. Rabin	Direct measurements	Chemistry and materials issues for embedding radioisotopes into low-temperature microcalorimeters	15	5
17:10	J. Engle	Direct measurements	Comparison of methods for ^{163}Ho production for neutrino mass measurement	15	5
17:30	Open session	Double Beta Decay	open session	60	-

Thursday, February 7

Session Chairman M. Gervasi (U. Milano-Bicocca)

09:00	P. De Bernardis	Astrophysics Measurements	Neutrino mass from cosmological observations	40	10
09:50	F. Vissani	Astrophysics Measurements	Neutrino properties from Supernovae	30	10
10:30	Coffee break		-	30	-

Session Chairman E. Previtali (INFN Milano-Bicocca)

11:00	M. Biassoni	Astrophysics Measurements	The CUORE experiment potential as a supernova neutrinos observatory	15	5
11:20	D. Fargion	Astrophysics Measurements	Timing extragalactic Supernova neutrino burst delay with Gravity wave	15	5
11:40	Open session	General	White Paper/Conclusions	90	-