

Conference on Neutrino and Nuclear Physics (CNNP2017)

Monday, 16 October 2017

Plenary - Auditorium (08:30 - 11:00)

-Conveners: Dieter FREKERS

time	[id] title	presenter
08:30	[98] Istitutional welcome	
09:00	[118] Open questions in neutrino physics	Prof. IACHELLO, Francesco
09:30	[30] Experimental nuclear structure studies for neutrino physics	Prof. EJIRI, Hiro
10:00	[28] Favored neutrinoless double beta decay mechanisms and associated nuclear matrix elements	Prof. SIMKOVIC, Fedor
10:30	[129] The Sun and solar neutrinos	VILLANTE, Francesco Lorenzo

Plenary - Auditorium (11:30 - 13:00)

-Conveners: Alexei Smirnov

time	[id] title	presenter
11:30	[50] Status and Perspectives of Solar Neutrino Research at Super-Kamiokande	Dr SMY, Michael
12:00	[34] Probing Nuclear Beta-Decay by Heavy Ion Charge Exchange Reactions	Prof. LENSKE, Horst
12:30	[140] The CONUS coherent neutrino scattering experiment	LINDNER, Manfred

Plenary - Auditorium (16:20 - 18:20)

-Conveners: Valerio Pirronello

time	[id] title	presenter
16:20	[95] Neutrino mass from cosmological surveys	Prof. LAHAV, Ofer
16:50	[67] Investigation of rare nuclear decays by using scintillation detectors	Prof. DANEVICH, Fedor
17:20	[25] Probing Nuclear Correlations with Direct Reactions	Mr POTEL AGUILAR, Gregory

Tuesday, 17 October 2017

Plenary - Auditorium (09:00 - 11:00)

-Conveners: Manfred Lindner

time	[id] title	presenter
09:00	[84] Quenching of g_A in beta and double beta decays: A review	Prof. SUHONEN, Jouni
09:30	[80] EXO-200 results and status of the nEXO double beta decay experiments	Prof. GRATTA, Giorgio
10:00	[131] Testing creation of matter with neutrinoless double beta decay	VISSANI, Francesco
10:30	[55] The direct neutrino mass search with KATRIN	Prof. WEINHEIMER, Christian

Plenary - Auditorium (11:30 - 13:00)

-Conveners: Francesco Iachello

time	[id] title	presenter
11:30	[22] Direct neutrino mass measurement by the HOLMES experiment	Dr NUCCIOTTI, Angelo Enrico Lodovico
12:00	[59] The XENON1T Dark Matter Experiment at LNGS	Prof. APRILE, Elena
12:30	[139] Neutrino Collective Oscillation and Mass Hierarchy, and their Impact on Supernova Nucleosynthesis	Prof. KAJINO, Taka

Plenary - Auditorium (16:20 - 18:20)

-Conveners: Ofer Lahav

time	[id] title	presenter
16:20	[119] IBM approaches for $0\nu\beta\beta$ nuclear matrix elements	Dr BAREA, Jose
16:50	[23] Status and perspectives of the JUNO experiment	Dr RANUCCI, Gioacchino
17:20	[122] Exploring nuclear structure by double charge exchange reactions in Japan	Prof. YAKO, Kentaro

Wednesday, 18 October 2017

Plenary - Auditorium (09:00 - 10:30)

-Conveners: Antonio Masiero

time	[id] title	presenter
09:00	[14] PRECISION NUCLEAR MASS MEASUREMENTS: PRESENT AND FUTURE FOR NUCLEAR STRUCTURE, ASTROPHYSICS AND NEUTRINO PHYSICS STUDIES	Prof. BLAUM, Klaus
09:30	[10] New results on solar neutrinos from Borexino	Dr ZAVATARELLI, Sandra
10:00	[128] Experimental search of neutrinoless double-beta decay in ^{130}Te	CREMONESI, Oliviero

Plenary - Auditorium (11:00 - 12:30)

-Conveners: Elena Aprile

time	[id] title	presenter
11:00	[79] New results on the Be-8 anomaly	Prof. KRASZNAHORKAY, Attila
11:30	[92] Double Beta Decay Topology with NEMO-3 and SuperNEMO	Prof. SAAKYAN, Ruben
12:00	[3] Determination of the neutrino mass by electron capture in $^{163}\text{Holmium}$	Prof. FAESSLER, Amand

Thursday, 19 October 2017

Plenary - Auditorium (09:00 - 11:00)

-Conveners: Emilio Migneco

time	[id] title	presenter
09:00	[13] 3D Modelling of Supernovae: Status and Perspectives	Prof. JANKA, Hans-Thomas
09:30	[103] Study of 2- states in atomic nuclei and connection with double beta decay	Prof. AKIMUNE, Hidetoshi
10:00	[9] Neutrino astrophysics and cosmology in connection with nuclear physics	Dr VOLPE, Cristina
10:30	[52] Coherent Elastic Neutrino-Nucleus Scattering	Prof. SCHOLBERG, Kate

Plenary - Auditorium (11:30 - 13:00)

-Conveners: Horst Lenske

time	[id] title	presenter
11:30	[94] KM3NeT/ORCA: status and perspectives for measuring the neutrino mass hierarchy and other oscillation parameters (on behalf of the KM3NeT Collaboration)	Dr VAN ELEWYCK, Veronique
12:00	[144] New results from the NUMEN experiment	Ms CARBONE, Diana
12:30	[111] Oscillations Beyond Three-Neutrino Mixing	Dr GIUNTI, Carlo

Friday, 20 October 2017

Plenary - Auditorium (09:00 - 11:00)

-Conveners: Antonio Insolia

time	[id] title	presenter
09:00	[81] Prospects in neutrinoless double beta decay	Prof. SCHÖNERT, Stefan
09:30	[31] Geo-neutrino : experimental status and perspectives	Dr SMIRNOV, Oleg
10:00	[87] Project 8: Status and Update	Prof. FORMAGGIO, Joseph
10:30	[68] Theory of neutrino masses and mixing	Prof. SMIRNOV, Alexei

Plenary - Auditorium (11:30 - 13:00)

-Conveners: Hiro Ejiri

time	[id] title	presenter
11:30	[15] Low-energy neutrino experiment at Jinping	WANG, Zhe
12:00	[85] The HALO and HALO-1kT Supernova Detectors	Dr VIRTUE, Clarence
12:30	[141] The SOX experiment at LNGS for the search of sterile neutrinos	PALLAVICINI, Marco

Saturday, 21 October 2017

Plenary - Auditorium (09:00 - 11:40)

-Conveners: Giacomo Cuttone

time	[id] title	presenter
09:30	[7] DAMA/LIBRA results and perspectives	Prof. BERNABEI, Rita
10:00	[58] Novel approaches to the nuclear physics of double beta decay	Prof. FREKERS, Dieter
10:30	[71] Developments and applications of Micro-Pattern Gaseous Detectors (MPGD): a concise review.	Dr CORTESI, Marco
11:00	[70] Structure of proton-rich nuclei via mirror beta decay and charge exchange reactions	Dr ORRIGO, Sonja
11:30	[110] Conclusions and announcement of CNNP next edition	