



# EPS HEP 2015

## Thursday, July 23, 2015

### Neutrino Physics - HS7 (9:00 AM - 11:00 AM)

time	[id] title	presenter
9:00 AM	[M64] Global fits to neutrino oscillations: status and prospects	MARRONE, Antonio
9:15 AM	[M57] Status of Double Chooz experiment	Dr CHAUVEAU, Emmanuel
9:30 AM	[M63] Recent progress from Daya Bay	Ji, Xiangpan
9:45 AM	[M71] Observation of energy dependent disappearance of reactor neutrinos from RENO & Future RENO-50	SEO, Seon-Hee
10:00 AM	[M12] Antineutrino oscillations with T2K	RAVONEL, Melody
10:22 AM	[M9] Results from the OPERA experiment at the CNGS beam	SIRRI, Gabriele
10:45 AM	[M8] The NOvA Experiment	HABIG, Alec

### Neutrino Physics - HS7 (11:30 AM - 1:00 PM)

time	[id] title	presenter
11:30 AM	[M7] Theoretical models of neutrino-nucleus cross sections	MARTINI, Marco
11:45 AM	[M6] Flux and Neutrino interaction model constraints using the T2K near detectors	ZAMBELLI, Laura Amelie
12:00 PM	[M0] Neutrino – Nucleus Interaction Measurements at MINERvA	BRAVAR, Sandro
12:15 PM	[M7] Hadron production measurements from NA61/SHINE for LBL neutrino experiments	KORZENEV, Alexander
12:30 PM	[M7] Bimaximal Neutrino Mixing and GUT's	Dr MELONI, Davide
12:45 PM	[M1] Non-Zero $\theta_{13}$ and $\delta_{CP}$ in a Neutrino Mass Model with $A_4$ Symmetry	Prof. UMASANKAR, Sankagiri

### Neutrino Physics - HS7 (2:30 PM - 4:00 PM)

time	[id] title	presenter
2:30 PM	[M92] Status of Light Sterile Neutrinos	GIUNTI, Carlo
2:45 PM	[M84] Search for sterile neutrinos at Long Baselines	STANCO, Luca
3:00 PM	[M80] STEREO: search for a sterile neutrino at the ILL Grenoble reactor	DEL AMO SANCHEZ, Pablo
3:15 PM	[M69] First results of the deployment of a SoLid detector module at the SCK•CEN BR2 reactor	RYDER, Nick
3:30 PM	[M29] SOX : Short Distance Neutrino Oscillations with Borexino	Dr AGOSTINI, Matteo
3:45 PM	[M62] nuMSM: the model, its predictions and experimental tests	GORBUNOV, Dmitry GORBUNOV, Dmitry

**Neutrino Physics: neutrinos - HS7 (4:30 PM - 6:00 PM)**

time	[id] title	presenter
4:30 PM	[M95] Heavy neutrinos in particle physics and cosmology	DREWES, Marco
4:45 PM	[M98] Searches for leptoquarks and heavy leptons with the ATLAS detector at the LHC	GRANCAGNOLO, Sergio
5:00 PM	[M81] Indirect searches for sterile neutrinos at a high-luminosity Z-factory	DE ROMERI, Valentina
5:15 PM	[M58] Global fit to right-handed neutrino mixing at 1 loop	Mr HERNANDEZ, Josu
5:30 PM	[M77] Radiative Origin of Majorana Neutrino Masses	ARISTIZABAL, Diego
5:45 PM	[M55] Neutrino mass generation in connection with Dark Matter	Dr RIVERA, Maximiliano

## Friday, July 24, 2015

### Neutrino Physics - HS7 (9:00 AM - 11:00 AM)

time	[id] title	presenter
9:00 AM	[M03] GERDA Phase II and the future of Ge-76 experiments	Dr AGOSTINI, Matteo
9:15 AM	[M27] Status of SuperNEMO experiment and last results of NEMO3	Dr REMOTO, Alberto
9:30 AM	[M12] Neutrinoless double beta decay results from CUORE-0 and status of the CUORE experiment	TERRANOVA, Francesco
9:45 AM	[M08] Neutrinoless double beta decay, nuclear environment and structure	SIMKOVIC, Fedor
10:15 AM	[M0] NEXT: Searching for the $\beta\beta_{0n}$ decay in the Canfranc Underground Laboratory	NOVELLA, Pau
10:30 AM	[M72] Status of the SNO+ Experiment	PRIOR, Gersende
10:45 AM	[M07] Impact of Neutrinoless Double Beta Decay on Models of Baryogenesis	HARZ, Julia

### Neutrino Physics - HS7 (11:30 AM - 1:00 PM)

time	[id] title	presenter
11:30 AM	[M43] Status of the neutrino mass experiments KATRIN and Project 8	FRAENKLE, Florian
11:45 AM	[M9] The Electron Capture in $^{163}\text{Ho}$ experiment	SCHOLL, Stephan
12:00 PM	[P30] Borexino: recent solar and terrestrial neutrino results	MANESCHG, Werner
12:15 PM	[M7] Future prospects of neutrino oscillation experiments	Dr RAUT, Sushant
12:30 PM	[P09] An Experimental Program in Neutrinos, Nucleon Decay and Astroparticle Physics Enabled by the Fermilab Long-Baseline Neutrino Facility	HABIG, Alec
12:45 PM	[P08] Neutrino oscillation physics potential of Hyper-Kamiokande	CREMONESI, Linda

### Neutrino Physics - HS7 (2:30 PM - 4:00 PM)

time	[id] title	presenter
2:30 PM	[M64] LBNO-DEMO (WA105): a large demonstrator of the Liquid Argon double phase TPC	GALYMOV, Vyacheslav
2:45 PM	[M30] Stokes-shift engineered colloidal quantum dots as wavelength downshifters for detection of VUV light in Lar and LXe detectors	BONESINI, Maurizio
3:00 PM	[M17] Predicting the Leptonic Dirac CP Violation Phase from Sum Rules	Mr TITOV, Arsenii
3:15 PM	[M43] Neutrino CP violating phase from $\mu$ decay at rest	Prof. CIUFFOLI, Emilio
3:30 PM	[M21] Neutrino Super Beam for lepton CP violation discovery based on the European Spallation Source	BAUSSAN, Eric
3:45 PM	[M06] Probing non-standard neutrino interactions at ESSnuSB	Dr RAUT, Sushant

### Neutrino Physics - HS7 (4:30 PM - 6:00 PM)

time	[id] title	presenter
4:30 PM	[M45] Statistical issues in future neutrino oscillation experiments	TONAZZO, Alessandra

4:45 P	[M75] The Jiangmen Underground Neutrino Observatory	Prof. WANG, Wei
5:00 P	[M93] The PINGU detector	EHRHARDT, Thomas
5:15 P	[M58] KM3NeT/ORCA: Measuring the neutrino mass hierarchy in the Mediterranean sea	Dr PRADIER, Thierry
5:30 P	[M82] Status of the neutrinos from STOREd Muons (nuSTORM) facility	BROSS, Alan
5:45 P	[M91] SHiP: a new facility with a dedicated detector for studying $\nu_\tau$ properties and nucleon structure functions	DE LELLIS, Giovanni