



# ICHEP 2016 Chicago

## Thursday, 4 August 2016

### Neutrino Physics: Solar/Atm/SN - Chicago 6 (09:00 - 11:00)

-Conveners: Hiroyuki Sekiya

time	[id] title	presenter
09:00	[1517] Atmospheric Neutrino Results from Super-Kamiokande (15' + 2')	Mr LI, Zepeng
09:17	[1129] Solar neutrino results from Super-Kamiokande (15' + 3')	NAKANO, Yuuki
09:35	[140] Recent results from Borexino (25' + 5')	D'ANGELO, Davide
10:05	[710] Neutrino decay and Solar Neutrino Seasonal effect (15' + 2')	PERES, Orlando L. G.
10:22	[1313] $\nu_{\mu}$ Disappearance with IceCube/Deepcore (15' + 5')	HIGNIGHT, Joshua

### Neutrino Physics: Reactor - Chicago 6 (11:30 - 13:30)

-Conveners: Seon-Hee Seo

time	[id] title	presenter
11:30	[68] What is $\Delta m^2_{ee}$ ? (15' + 5')	PARKE, Stephen
11:50	[521] Precision Measurement of $\sin^2(2\theta_{13})$ and $ \Delta m^2_{ee} $ from Daya Bay (15' + 5')	Dr LING, Jiajie
12:10	[1031] Spectral measurement of $\theta_{13}$ and $ \Delta m^2_{ee} $ at RENO (15' + 5')	Dr CHOI, Jun-Ho
12:30	[1390] First double-detector results from Double Chooz experiment (15' + 5')	MATSUBARA, Tsunayuki
12:50	[640] Design, status and plans of JUNO & RENO-50 as a comprehensive neutrino program (15' + 5')	Prof. HENG, Yuekun
13:10	[1480] Theoretical motivations for the precision measurement of the oscillation parameters (15' + 5')	Dr ZHOU, Ye-Ling

### Neutrino Physics: VSBL reactor exp + Sterile - Chicago 6 (14:30 - 16:30)

-Conveners: Seon-Hee Seo

time	[id] title	presenter
14:30	[1021] Search for Sterile Neutrino at Short Baseline using a Nuclear Reactor (15' + 3')	Dr OH, Yoomin
14:48	[1447] PROSPECT: A Short-baseline Reactor Precision Spectrum and Oscillation Experiment (15' + 3')	MENDENHALL, Michael
15:06	[1231] SoLid: Search for Oscillations with a Lithium-6 Detector at the SCK•CEN BR2 reactor (15' + 3')	SAUNDERS, Dan
15:24	[139] SOX : Short Distance Neutrino Oscillations with Borexino (15' + 3')	NEUMAIR, Birgit
15:42	[1727] Status of the MicroBooNE Experiment (15' + 3')	Dr JOSHI, Jyoti
16:00	[1041] Neutrino-argon interactions in MicroBooNE (10' + 2')	LUO, Xiao
16:12	[1224] How to make the short baseline sterile neutrino compatible with cosmology (15' + 3')	LUNDKVIST, Rasmus Sloth

**Neutrino Physics: Sterile - Chicago 6 (17:00 - 19:00)****-Conveners: Seon-Hee Seo**

time	[id] title	presenter
17:00	[346] Results from the Search for eV-Sterile Neutrinos with IceCube (15' + 5')	Dr ARGÜELLES, Carlos
17:20	[1722] Sterile Neutrino Searches with MINOS/MINOS+ (15' + 5')	Dr WHITEHEAD, Leigh
17:40	[1728] The Short Baseline Neutrino (SBN) Oscillation Program at Fermilab (15' + 5')	BASS, Matthew
18:00	[744] Searching for a Sterile Neutrino at J-PARC MLF: JSNS <sup>2</sup> experiment (15' + 5')	Prof. MARUYAMA, Takasumi
18:20	[739] Opportunities With Decay-At-Rest Neutrinos From Decay-In-Flight Neutrino Beams (15' + 5')	GRANT, Christopher
18:40	[970] The front-end of IsoDAR (15' + 5')	AXANI, Spencer

# Friday, 5 August 2016

## Neutrino Physics: Neutrino models + collider tests - Chicago 6 (09:00 - 11:00)

-Conveners: Andre De Gouvea

time	[id] title	presenter
09:00	[166] Sterile Neutrinos in Models (15' + 3')	Dr RODEJOHANN, Werner
09:18	[631] Gauge Coupling Unification in Radiative Neutrino Mass Models (15' + 2')	RIAD, Stella
09:35	[277] Testing Neutrino Mass Models at the LHC and beyond (15' + 3')	Dr DEV, Bhupal
09:53	[602] Searches for heavy neutrinos at the LHC (30' + 4')	YANG, Un Ki YANG, Un-ki
10:27	[1221] Global constraints on heavy neutrino seesaw mixing (15' + 3')	HERNANDEZ, Josu
10:45	[425] Neutrino physics with SHIP (13' + 2')	VAN HERWIJNEN, Eric

## Neutrino Physics: DBD I - Chicago 6 (14:30 - 16:30)

-Conveners: Francesc Monrabal

time	[id] title	presenter
14:30	[1533] Nuclear Matrix Elements for Neutrinoless Double Beta Decay (15' + 5')	ENGEL, Jonathan
14:50	[1140] Results and Status from KamLAND-Zen (15' + 5')	OUELLET, Jonathan
15:10	[128] Search for Neutrinoless Double Beta Decay with the GERDA experiment: Phase II (15' + 5')	JANICKO CSATHY, Jozsef
15:30	[1362] Recent Results and Status of EXO-200 and the nEXO Experiment (15' + 5')	LICCIARDI, Caio
15:50	[954] Results of CUORE-0 and Prospects of the CUORE Experiment (15' + 5')	LIM, Kyungeun
16:10	[752] Status of the AMORE double beta decay experiment (15' + 5')	KIM, HongJoo

## Neutrino Physics: DBD II - Chicago 6 (17:00 - 19:00)

-Conveners: HongJoo Kim

time	[id] title	presenter
17:00	[647] The NEXT experiment to search for the neutrinoless double beta decay of Xe-136 (15' + 5')	MONRABAL, Francesc
17:20	[532] Search for neutrinoless double-beta decay and measurement of double beta decay with two neutrinos with the NEMO-3 detector (15' + 5')	CESAR, John
17:40	[435] Status of SuperNEMO demonstrator (15' + 5')	PERROT, Frédéric
18:00	[1004] The Status and Initial Results of the MAJORANA DEMONSTRATOR Neutrinoless Double-Beta Decay Experiment (15' + 5')	GUISEPPE, Vincente
18:20	[969] CUPID-0: the first prototype for a scintillating bolometer double beta decay experiment. (15' + 5')	PREVITALI, Ezio
18:40	[938] Cryogenic light detectors to search for double beta decay and dark matter: the CALDER project (15' + 5')	CARDANI, Laura

# Saturday, 6 August 2016

## Neutrino Physics: interaction, x-section - Chicago 6 (09:00 - 10:45)

-Conveners: William Detmold

time	[id] title	presenter
09:00	[82] Neutrino-Nucleon Interactions and Lattice QCD (15' + 2')	MEYER, Aaron
09:17	[142] Neutrino-Interactions with nuclei and Long Baseline Experiments (15' + 3')	MOSEL, Ulrich
09:35	[726] Model-independent determination of the axial mass parameter in quasielastic antineutrino-nucleon scattering (15' + 2')	PAZ, Gil
09:52	[1499] Axial-Current Matrix Elements in Light Nuclei from Lattice QCD (15' + 3')	SAVAGE, Martin
10:10	[1723] Flux and Cross-section Measurements in Minerva (18' + 2')	KORDOSKY, Michael KORDOSKY, Mike
10:30	[1724] Measurements of Neutrino Cross-sections on Different Nuclear Targets in Minerva (13' + 2')	FELIX, Julian

## Neutrino Physics: interaction, x-section+astrophysics/cosmology - Chicago 6 (11:15 - 13:00)

-Conveners: Yvonne Wong

time	[id] title	presenter
11:15	[978] Neutrino Interaction Cross Section Measurements at T2K (15' + 2')	MCCAULEY, Neil
11:32	[1326] COHERENT at the Spallation Neutron Source (15' + 2')	COOPER, Robert
11:49	[1657] Precision Measurements with Tritium End Point Experiments (18' + 2')	TULLY, Chris
12:09	[394] Search for dark matter neutrino interaction with IceCube cosmic neutrinos (15' + 2')	KHEIRANDISH, Ali
12:26	[662] Probing neutrino decay with ultra high energy neutrinos (15' + 2')	Dr RAUT, Sushant
12:43	[278] Leptogenesis: Improving predictions for experimental searches (15' + 2')	DREWES, Marco

## Neutrino Physics: LBL+R&D - Chicago 6 (14:00 - 15:55)

-Conveners: Sowjanya Gollapinni

time	[id] title	presenter
14:00	[975] First measurement using NOvA detectors of neutrino oscillation parameters $\sin^2\theta_{23}$ and $\Delta m^2_{32}$ (18' + 2')	MATERA, Keith
14:20	[123] Recent Results of Electron-Neutrino Appearance Measurement at NOvA (13' + 2')	BIAN, Jianming
14:35	[1662] Recent Results from T2K and Future Prospects (18' + 2')	IWAMOTO, Konosuke
14:55	[1036] Neutrino oscillation physics sensitivity of Hyper-Kamiokande (18' + 2')	GONIN, Michel
15:15	[516] Non-accelerator physics with Hyper-Kamiokande (13' + 2')	LABARGA, Luis
15:30	[1726] The Deep Underground Neutrino Experiment (DUNE) Physics Program (20' + 5')	WORCESTER, Elizabeth

## Neutrino Physics: R&D + pheno@future facilities - Chicago 6 (16:15 - 18:00)

-Conveners: Werner Rodejohann

time	[id] title	presenter
16:15	[71] Revisiting Neutrino Oscillation Probabilities in Matter (15' + 2')	DENTON, Peter
16:32	[1552] JUNO oscillation physics details (15' + 3')	ZHAN, Liang
16:50	[1309] Sterile Neutrinos at DUNE (15' + 3')	DE GOUVEA, Andre
17:08	[908] The impact of sterile neutrinos on long-baseline measurements (15' + 2')	Prof. GANDHI, Raj
17:25	[1558] DUNE sensitivities to New Physics affecting neutrino propagation (15' + 3')	COLOMA, Pilar
17:43	[130] CP-violation and non-standard neutrino interactions at long baseline experiments (15' + 2')	MEHTA, Poonam