



# TeV Particle Astrophysics 2016

## Monday, September 12, 2016

### Neutrinos: I - 13-2-005 (4:30 PM - 6:50 PM)

-Conveners: Kohta Murase; Irene Tamborra; Markus Ahlers

time	[id] title	presenter
4:30 PM	[110] Neutrino Physics with the PINGU extension of IceCube	KOSKINEN, David Jason
4:50 PM	[200] Ultra-high Energy Neutrinos, Antarctica, Greenland, and the Askaryan Effect: A Summary	HANSON, Jordan
5:10 PM	[209] Status and perspectives of KM3NeT	BARRIOS MARTÍ, Javier
5:30 PM	[151] Probing the high energy neutrino universe with ANTARES	Dr PRADIER, Thierry
5:50 PM	[108] Time dependent searches for point source emissions of Neutrinos with the IceCube Neutrino Observatory	CHRISTOV, Asen
6:10 PM	[202] Prompt atmospheric neutrinos in the era of LHC and IceCube	Dr BHATTACHARYA, Atri
6:30 PM	[246] Towards CP violation: from T2K to HyperK.	BLONDEL, Alain

# Tuesday, September 13, 2016

## **Neutrinos: II - 500/1-001 - Main Auditorium (2:00 PM - 4:00 PM)**

**-Conveners: Kohta Murase; Markus Ahlers; Irene Tamborra**

time	[id] title	presenter
2:00 PM	[149] Status of LBNF and DUNE	GARCIA-GAMEZ, Diego
2:20 PM	[64] Latest results and current status of KamLAND-Zen	Dr KOZLOV, Alexandre
2:40 PM	[42] First results from Phase II of the neutrinoless double beta decay experiment GERDA	Dr MANESCHG, Werner
3:00 PM	[176] Testing the seesaw mechanism	DREWES, Marco
3:20 PM	[100] Testable Leptogenesis	LOPEZ PAVON, Jacobo
3:40 PM	[207] The JUNO reactor experiment	BAUSSAN, Eric

## **Neutrinos: III - 500/1-001 - Main Auditorium (4:30 PM - 6:30 PM)**

**-Conveners: Markus Ahlers; Kohta Murase; Irene Tamborra**

time	[id] title	presenter
4:30 PM	[154] High-energy neutrinos from newborn pulsars and magnetars	KOTERA, Kumiko
4:50 PM	[134] Evidence against star-forming galaxies as the dominant source of IceCube neutrinos	BECHTOL, Keith
5:10 PM	[49] Dim Jets as Very High Energy Neutrino Sources	SENNO, NICHOLAS BENJAMIN
5:30 PM	[31] Multi-messenger light curves from gamma-ray bursts	BUSTAMANTE, Mauricio
5:50 PM	[201] Neutrino emission from blazars in quiescence and flaring periods	Dr PETROPOULOU, Maria
6:10 PM	[36] Constraining Dark Matter Explanations of the Icecube Neutrino Flux with Fermi-LAT	RODD, Nicholas

# Thursday, September 15, 2016

## Neutrinos: IV - 6/2-024 - BE Auditorium Meyrin (2:00 PM - 4:00 PM)

-Conveners: Kohta Murase; Markus Ahlers; Irene Tamborra

time	[id] title	presenter
2:00 PM	[135] Neutrinos in cosmology	ARCHIDIACONO, Maria
2:20 PM	[34] Atmospheric Neutrino Oscillations for Earth Tomography	WINTER, Walter
2:40 PM	[203] Results from the Search for eV-Sterile Neutrinos with IceCube	ARGUELLES, Carlos
3:00 PM	[61] The standard solar model up to date: recent developments	SERENELLI, Aldo
3:20 PM	[180] Supernova Neutrino Physics with Xenon Dark Matter Detectors	REICHARD, Shayne
3:40 PM	[74] Probing neutrinos (and axions) with the next galactic supernova	MIRIZZI, Alessandro