

Astroparticle Physics - A Joint TeVPA/ IDM Conference

Tuesday 24 June 2014

Neutrinos: IceCube Neutrino Signal - Room 5 (14:30 - 16:00)

-Conveners: Walter Winter

| time | [id] title | presenter |
|-------|--|----------------------|
| 14:30 | [123] Galactic Sources of High-Energy Neutrinos | AHLERS, Markus |
| 14:50 | [105] On the interpretation of the IceCube astrophysical neutrino signal | TJUS, Julia |
| 15:10 | [124] A revised view of the ultra-high energy cosmic ray-neutrino connection: the case of gamma-ray bursts | BUSTAMANTE, Mauricio |
| 15:30 | [71] Diffuse Neutrino Flux from Star-forming Galaxies | TAMBORRA, Irene |
| 15:45 | [194] Neutrinos from Galactic Sources in the Light of Recent Results in Gamma Ray and Neutrino Astronomy | NIRO, Viviana |

Neutrinos: Astrophysics Neutrino Searches - Room 5 (16:30 - 18:30)

-Conveners: Carlos de los Heros

| time | [id] title | presenter |
|-------|--|-----------------------|
| 16:30 | [111] Latest Results on Searches for Point and Extended Sources with Time Integrated and Time Dependent emissions of Neutrinos with the IceCube Neutrino Observatory | CHRISTOV, Asen |
| 16:50 | [129] Searches for point sources and small-scale anisotropies in IceCube | BERNHARD, Anna |
| 17:05 | [135] A search for partially contained neutrino induced particle showers with IceCube | Mr STOESSL, Achim |
| 17:20 | [257] Results from the ANTARES Neutrino Telescope | HEIJBOER, aart |
| 17:40 | [218] Search for a diffuse cosmic neutrino flux using the ANTARES data from 2007-2012 | FOLGER, Florian |
| 17:55 | [263] Multi-Messenger analyses with the ANTARES High Energy Neutrino Telescope | SÁNCHEZ LOSA, Agustín |
| 18:10 | [246] ANTARES constraints on the neutrino flux from the Milky Way | VISSER, Erwin |

Wednesday 25 June 2014

Neutrinos: Neutrino Physics, Atmospheric Neutrinos - Room 5 (14:30 - 16:00)

-Conveners: Walter Winter

| time | [id] title | presenter |
|-------|--|------------------------|
| 14:30 | [128] Global status of neutrino oscillations | Dr PALAZZO, Antonio |
| 14:50 | [171] Neutrino Physics with Super-Kamiokande | KEARNS, Edward |
| 15:05 | [254] Latest results from the OPERA experiment | BÜTTNER, Benjamin |
| 15:20 | [120] Models for atmospheric neutrinos and muons, prompt component | ENBERG, Rikard |
| 15:40 | [117] Oscillation physics with atmospheric neutrinos | Prof. MALTONI, Michele |

Neutrinos: Future Prospects - Room 5 (16:30 - 18:00)

-Conveners: Carlos de los Heros

| time | [id] title | presenter |
|-------|---|---------------------------|
| 16:30 | [139] Results and future prospects of Borexino | MEYER, Mikko |
| 16:50 | [118] Hyper-Kamiokande project | SEKIYA, Hiroyuki |
| 17:10 | [238] Ultra-High Energy Neutrino Radio Frequency Detectors | Dr PFENDNER, Carl Gilbert |
| 17:30 | [225] The prospects and development of the third ANITA flight | Dr SCHOORLEMMER, Harm |

Friday 27 June 2014

Neutrinos: Sterile Neutrinos - Room 4 (14:30 - 16:00)

-Conveners: Carsten Rott

| time | [id] title | presenter |
|-------|--|-------------------------|
| 14:30 | [134] Are there sterile neutrinos at the eV scale? | SCHWETZ-MANGOLD, Thomas |
| 14:50 | [96] Constraining light sterile neutrinos with cosmological data | ARCHIDIACONO, Maria |
| 15:10 | [64] Sterile neutrinos at neutrino telescopes | ESMAILI TAKLIMI, Arman |
| 15:30 | [92] Search for sterile neutrinos with the STEREO experiment | LAMBLIN, Jacob |
| 15:45 | [179] Effects of sterile states on lepton dipole moments | DE ROMERI, Valentina |

Neutrinos: Neutrino Properties - Room 4 (16:30 - 18:30)

-Conveners: Carsten Rott

| time | [id] title | presenter |
|-------|---|---------------------|
| 16:30 | [141] PINGU and the Neutrino Mass Hierarchy | COWEN, Douglas |
| 16:50 | [162] Origin of Neutrino Mass and the LHC | SCHMIDT, Michael |
| 17:10 | [121] The Majorana nature of massive neutrinos as a possible hint for new physics | MERONI, Aurora |
| 17:30 | [61] Towards a common origin of neutrino and dark matter | MORISI, Stefano |
| 17:50 | [165] Probation of flavor transition mechanism with cosmogenic neutrinos | Dr LAI, Kwang-Chang |
| 18:10 | [170] Determination of (sterile/active) neutrino absolute masses in Hyper-K by detecting SN neutrinos | KOHRI, Kazunori |