

TAUP 2013

Sunday 08 September 2013 - Friday 13 September 2013

Asilomar, California
Programme

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Monday 09 September 2013

Cosmology I (14:00-15:40)

- **Conveners:** Abazajian, Kev; Pastor, Sergio

time	[id] title	presenter
14:00	[96] Planck results and neutrino physics: constraints and tensions (00h20')	LATTANZI, Massimiliano
14:20	[119] Cosmological bounds on active-sterile neutrino mixing after Planck data (00h20')	SAVIANO, Ninetta
14:40	[203] Measuring Neutrino Masses with Stage-IV CMB experiment (00h20')	KUO, Chao-Lin
15:00	[115] Cosmic Microwave Background Polarization and Fundamental Physics (00h20')	KEATING, Brian
15:20	[97] Light WIMPs And Equivalent Neutrinos (00h20')	STEIGMAN, Gary

Dark Matter I (14:00-15:40)

- **Conveners:** Sarsa, Maria Luisa; Calaprice, Frank; Gelmini, Graciela; Scopel, Stefano

time	[id] title	presenter
14:00	[86] Searching for Dark Matter with XENON100 and XENON1T (00h20')	BROWN, Ethan
14:20	[247] Final results of a Dark Matter Search with the Silicon Detectors of the CDMS II Experiment and future results from SuperCDMS Soudan (00h20')	BILLARD, Julien
14:40	[175] Search for an annual modulation in 3.4 years of CoGeNT data (00h20')	COLLAR, Juan
15:00	[64] A Dark Matter Search with The MAJORANA Low-Background Broad Energy Germanium Detector (00h20')	GIOVANETTI, Graham K.
15:20	[98] Recent progress in KIMS experiment (00h20')	KIM, Yeongduk

Double Beta Decay/ Neutrino Mass I (14:00-15:40)

- **Conveners:** Detwiler, Jason; Capelli, Silvia; Petcov, Serguey

time	[id] title	presenter
14:00	[105] The Origin of Neutrino Masses and Neutrinoless Double Beta Decay (00h40')	RODEJOHANN, Werner
14:40	[40] Results from the GERDA experiment (00h20')	SCHWINGENHEUER, B.
15:00	[109] Reaching higher sensitivities for neutrinoless double beta decay with GERDA phase II (00h20')	MAJOROVITS, Bela
15:20	[201] The Majorana Demonstrator for 0νββ: Current Status and Future Plans (00h20')	GREEN, Matthew

Low Energy Neutrinos I (14:00-16:00)

- **Conveners:** Kim, Soo-Bong; McDonald, Art; Pena-Garay, Carlos; Pixa, Michele

time	[id] title	presenter
14:00	[170] Past and present experiments of geoneutrinos (00h20')	SHIMIZU, Itaru
14:20	[244] Future Geo-Neutrino Experiments (00h20')	CHEN, Mark
14:40	[253] Geo-neutrinos and Earth Models (00h20')	DYE, Stephen
15:00	[41] Low-energy neutrino astronomy in LENA (00h20')	WURM, Michael
15:20	[176] CosI, a new approach to coherent neutrino detection at the SNS (00h20')	COLLAR, Juan

Dark Matter II (16:00-18:00)**- Conveners: Sarsa, Maria Luisa; Calaprice, Frank; Gelmini, Graciela; Scopel, Stefano**

time	[id] title	presenter
16:00	[100] Searching for Dark Matter with PICASSO (00h20')	JACKSON, Christopher
16:20	[112] Observation of the Dependence of Scintillation from Nuclear Recoils in Liquid Argon on Drift Field (00h20')	CAO, Huajie
16:40	[249] PICOLite: A bubble chamber to search for light WIMPs (00h20')	NEILSON, Russell
17:00	[45] Dark Matter search with CUORE-0 and CUORE (00h20')	GORLA, Paolo
17:20	[220] First results from subkeV energy threshold spherical gaseous detector for light Dark Matter identification (00h20')	GERBIER, Gilles
17:40	[46] A maximum-likelihood-method search for low-mass WIMPs using the CDMS II experiment (00h20')	NELSON, Robert

Double Beta Decay/ Neutrino Mass II (16:00-18:00)**- Conveners: Detwiler, Jason; Capelli, Silvia; Petcov, Serguey**

time	[id] title	presenter
16:00	[151] Status and perspectives of the COBRA experiment (00h20')	WONSAK, Bjoern
16:20	[29] Status and Perspectives of the KATRIN Experiment (00h20')	MERTENS, Susanne
16:40	[157] The status of the MARE experiment with ^{187}Re and ^{163}Ho isotopes (00h20')	FERRI, Elena
17:00	[83] The Electron Capture ^{163}Ho experiment ECHo (00h20')	GASTALDO, Loredana
17:20	[225] The Project 8 radiofrequency tritium neutrino experiment (00h20')	MONREAL, Benjamin

High Energy Astrophysics I (16:00-17:40)**- Conveners: Gaisser, Tom; Latronico, Luca**

time	[id] title	presenter
16:00	[84] TA and TALE - Results and Plans (00h20')	SOKOLSKY, Pierre
16:20	[71] Large-scale cosmic-ray anisotropy studies at the Pierre Auger Observatory at EeV energies (00h20')	GHIA, Piera Luisa
16:40	[211] Recent Highlights from ARGO-YBJ (00h20')	DI SCIASCIO, Giuseppe
17:00	[197] Development of Source Catalogs for the Fermi Large Area Telescope (00h20')	DIGEL, Seth
17:20	[58] Results from the ANTARES neutrino telescope after 5 years of data (00h20')	SPURIO, Maurizio

Neutrino Oscillations/ Neutrino Beams I: Appearance and disappearance oscillation results (16:00-17:40)**- Conveners: Conrad, Janet; Lisi, Eligio; Wojcicki, Stan**

time	[id] title	presenter
16:00	[70] Recent results from the OPERA experiment (00h20')	DUCHESNEAU, Dominique
16:20	[235] The latest results from T2K on the neutrino oscillation (00h20')	KAMEDA, Jun
16:40	[178] MINOS/MINOS+ (00h20')	VAHLE, Patricia
17:00	[189] Reactor Rate Modulation Analysis in Double Chooz (00h20')	NOVELLA, Pau
17:20	[233] The ICARUS Experiment; latest results (00h20')	ANTONELLO, Maddalena

Tuesday 10 September 2013

Atmospheric Neutrinos I (14:00-15:40)

- **Conveners:** Resconi, Elisa; Itow, Yoshitaka

time	[id] title	presenter
14:00	[51] Atmospheric neutrino calculations (00h20')	GAISSER, Tom
14:20	[139] Neutrino oscillations in moving and accelerating matter (00h20')	STUDENIKIN, Alexander
14:40	[163] Measuring the flavor ratio of atmospheric neutrinos with IceCube (00h20')	VAN SANTEN, Jakob
15:00	[156] Search for a diffuse flux of cosmic neutrinos with ANTARES (00h20')	SCHNABEL, Jutta
15:20	[166] Search for Diffuse Astrophysical Muon Neutrinos with Two Years of IceCube Data (00h20')	WEAVER, Christopher

Cosmology II (14:00-16:00)

- **Conveners:** Pastor, Sergio; Abazajian, Kev

time	[id] title	presenter
14:00	[200] The Dark Energy Survey: First Results (00h20')	JELTEMA, Tesla
14:20	[226] Neutrino and Dark Energy Constraints for BOSS/eBOSS/DESI (00h20')	PALANQUE-DELABROUILLE, Nathalie
14:40	[81] Angular and redshift issues for large galaxy surveys (00h20')	CUNHA, Carlos
15:00	[69] Cosmological Simulations with Self-Interacting Dark Matter (00h20')	ROCHA, Miguel
15:20	[60] Light milli-charged dark matter and the origin of large scale cosmic fields. (00h20')	DOLGOV, A.D.

Dark Matter III (14:00-15:40)

- **Conveners:** Sarsa, Maria Luisa; Calaprice, Frank; Gelmini, Graciela; Scopel, Stefano

time	[id] title	presenter
14:00	[181] The LUX Experiment (00h20')	GIBSON, Karen
14:20	[74] Status of XMASS experiment (00h20')	MORIYAMA, Shigetaki
14:40	[187] The EDELWEISS Dark Matter search (00h20')	EITEL, Klaus
15:00	[152] DarkSide-50: a two-phase argon TPC for a direct WIMP search (00h20')	MEYERS, Peter
15:20	[144] DEAP-3600 Dark Matter Search with Argon (00h20')	BOULAY, Mark

Low Energy Neutrinos II (14:00-15:40)

- **Conveners:** Pena-Garay, Carlos; McDonald, Art; Kim, Soo-Bong

time	[id] title	presenter
14:00	[242] Solar Neutrino Results and Future Opportunities with Borexino (00h20')	CALAPRICE, Frank
14:20	[72] Recent Solar Neutrino Results From Super-Kamiokande (00h20')	RENSHAW, Andrew
14:40	[210] SNO+ experiment (00h20')	KASPAR, Jarek
15:00	[26] Solar models and solar neutrinos: a quantitative analysis of the solar composition problem (00h20')	VILLANTE, F.L.
15:20	[117] Neutrino mass hierarchy and neutrino oscillation parameters with 100,000 reactor events (00h20')	MARRONE, Antonio

Dark Matter IV (16:00-18:00)**- Conveners: Sarsa, Maria Luisa; Calaprice, Frank; Gelmini, Graciela; Scopel, Stefano**

time	[id] title	presenter
16:00	[221] The unbearable lightness of being: CDMS versus XENON (00h20')	KAHLHOEFER, Felix
16:20	[204] Halo Independent Comparison of Direct Dark Matter Detection Data (00h20')	DEL NOBILE, Eugenio
16:40	[85] Dark Matter Detection Prospects for the Cherenkov Telescope Array (00h20')	NIETO, Daniel
17:00	[188] Dirac sneutrino as a light dark matter (00h20')	SETO, Osamu
17:20	[87] Model-Independent Analyses of Dark Matter Particle Interactions (00h20')	HAXTON, Wick
17:40	[129] Searching for Sub-Gev Dark Matter at Fixed Target Neutrino Experiments (00h20')	DENIVERVILLE, Patrick

Double Beta Decay/ Neutrino Mass III (16:00-17:50)**- Conveners: Detwiler, Jason; Capelli, Silvia; Petcov, Serguey**

time	[id] title	presenter
16:00	[138] Recent Results from the KamLAND-Zen Experiment (00h20')	DECOWSKI, M. Patrick
16:20	[126] Recent results from EXO-200 (00h20')	DANIELS, Tim
16:40	[102] nEXO: a multi-ton detector for neutrino less double-beta decay (00h20')	TWELKER, Karl Twelker
17:00	[63] Status of NEXT-100 (00h20')	HERNANDO, Jose A.
17:20	[77] Non-Standard Mechanisms for Double Beta Decay (00h30')	DEPPISCH, Frank

High Energy Astrophysics II (16:00-17:40)**- Conveners: Latronico, Luca; Gaisser, Tom**

time	[id] title	presenter
16:00	[143] First Evidence of High-Energy Extraterrestrial Neutrinos at IceCube (00h20')	KOPPER, Claudio
16:20	[150] Measurement of the diffuse neutrino flux by a global fit to multiple IceCube results (00h20')	MOHRMANN, Lars
16:40	[133] Revealing Deaths of Massive Stars with High-Energy Neutrinos (00h20')	MURASE, Kohta
17:00	[52] Studying the chemical composition of the highest energy cosmic rays with the Pierre Auger Observatory (00h20')	BELLIDO, J.
17:20	[106] Constraints and measurements of hadronic interactions in extensive air showers with the Pierre Auger Observatory (00h20')	CAZON, Lorenzo

Neutrino Oscillations/ Neutrino Beams II: Towards CP violation, hierarchy, and matter effects (16:00-17:40)**- Conveners: Conrad, Janet; Lisi, Eligio; Wojcicki, Stan**

time	[id] title	presenter
16:00	[34] DAE δ ALUS/IsoDAR: A Phased Neutrino Physics Program Using Cyclotron Decay-at-Rest Neutrino Sources (00h20')	TOUPS, Matt
16:20	[39] The European Spallation Source Neutrino Super Beam (00h20')	DRACOS, Marcos
16:40	[208] The NOvA Experiment (00h20')	VAHLE, Patricia
17:00	[153] Neutrino flavor sensitivity of large scintillator detectors (00h20')	LOO, Kai

17:20	[30] Analytic approach to three-neutrino oscillations in the Earth (00h20')	ACERO, Mario A.
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Wednesday 11 September 2013

Dark Matter V (14:00-15:40)

- **Conveners:** Sarsa, Maria Luisa; Calaprice, Frank; Gelmini, Graciela; Scopel, Stefano; Pixa, Michele

time	[id] title	presenter
14:00	[193] LZ: A 2nd Generation Dark Matter Direct-search Experiment (00h20')	TRIPATHI, Mani
14:20	[62] A CDMS low ionization threshold experiment and SuperCDMS SNOLAB (00h20')	HALL, Jeter
14:40	[118] Progress and results from COUPP60 (00h20')	LIPPINCOTT, Hugh
15:00	[89] Update on the MiniCLEAN Dark Matter Experiment (00h20')	RIELAGE, Keith
15:20	[148] Characterization of Nuclear Recoils in High-Pressure Xenon Gas: Towards a Simultaneous Search for WIMP Dark Matter and Neutrinoless Double Beta Decay (00h20')	RENNER, Joshua

Gravitational Waves I: Detectors (14:00-15:40)

- **Conveners:** Katsavounidis, Erik; Marx, Jay

time	[id] title	presenter
14:00	[238] Gravitational Wave Detection with Pulsar Timing Arrays: Prospects and Status (00h20')	BURKE SPOLAOR, Sarah
14:20	[236] From installation to integration: phase transitions in Advanced LIGO (00h20')	LANDRY, Michael
14:40	[215] Seismic shock damper: New in-air seismic attenuation system for the Advanced Virgo gravitational wave detector (00h20')	BLOM, Matheus
15:00	[237] Status of Space-based Gravitational-wave Observatories (00h20')	LIVAS, Jeff
15:20	[240] Stochastic Gravitational Waves in the Advanced Detector Era (00h20')	THRANE, Eric

Low Energy Neutrinos III (14:00-15:40)

- **Conveners:** Kim, Soo-Bong; McDonald, Art; Pena-Garay, Carlos

time	[id] title	presenter
14:00	[146] Status of the Precision IceCube Next Generation Upgrade (PINGU) (00h20')	GRANT, Darren
14:20	[48] Search for Supernova Relic Neutrinos with 2.2MeV gamma Tagging at Super-Kamiokande-IV (00h20')	ZHANG, Yang
14:40	[27] Neutrino(Antineutrino) Cross Sections in some Nuclear Targets at Supernova Neutrino Energies (00h20')	CHAUHAN, S.
15:00	[25] Fast time variations of supernova neutrino fluxes and detection perspectives (00h20')	TAMBORRA, Irene
15:20	[136] GADZOOKS! (00h20')	KOSHIO, Yusuke

Nuclear and Particle Astrophysics (14:00-15:40)

- **Conveners:** Sinclair, David; Bertou, Xavier

time	[id] title	presenter
14:00	[218] DIANA - An Underground Accelerator Facility for Nuclear Astrophysics Status Report (00h20')	ROBERTSON, Daniel
14:20	[20] Latest Updates on the International AXion Observatory (IAXO) (00h20')	VOGEL, Julia K.

14:40	[245] B-Factory Constraints on Low-Mass Dark Matter (00h20')	KOLOMENSKY, Yury
15:00	[167] Coherent Inverse Primakoff-Bragg Conversion of Solar Axions in Single Crystal Bolometers (00h20')	CRESWICK, Richard
15:20	[125] Production of ^{51}Cr neutrino and ^{144}Ce antineutrino sources for SOX and CeLAND experiments (00h00')	KORNOUKHOV, Vasily

Dark Matter VI (16:00-18:00)

- **Conveners:** Sarsa, Maria Luisa; Calaprice, Frank; Gelmini, Graciela; Scopel, Stefano; Pixa, Michele

time	[id] title	presenter
16:00	[88] Virtual Internal Bremsstrahlung of Dark Matter and Connection with AMS-02 Result (00h20')	TOMA, Takashi
16:20	[55] Antiproton Limits on Decaying Gravitino Dark Matter (00h20')	GREFE, Michael
16:40	[22] Halo-independent tests relevant for inelastic dark matter scattering (00h20')	BOZORGNIA, Nassim
17:00	[78] The DRIFT Directional Dark Matter Detector (00h20')	MILLER, Eric
17:20	[195] DAMIC at SNOLAB: toward DAMIC100 (00h20')	CHAVARRIA, Alvaro
17:40	[250] Updates from the DMTPC directional dark matter experiment (00h20')	DEACONU, Cosmin

Double Beta Decay/ Neutrino Mass IV (16:00-17:50)

- **Conveners:** Petcov, Serguey; Capelli, Silvia; Detwiler, Jason

time	[id] title	presenter
16:00	[36] First data from CUORE-0 (00h20')	VIGNANI, Marco
16:20	[37] CUORE and beyond: bolometry techniques to explore inverted neutrino mass hierarchy (00h20')	HAN, Ke
16:40	[142] The SNO+ Experiment (00h20')	BILLER, Steven
17:00	[135] The AMoRE project to search for neutrinoless double decay of ^{100}Mo using cryogenic CaMoO_4 detectors (00h20')	KIM, Yong-Hamb
17:20	[47] Uncovering Multiple Mechanisms of $\text{bb}0\nu$ Decay (00h30')	AURORA, Meroni

High Energy Astrophysics III (16:00-17:40)

- **Conveners:** Gaisser, Tom; Latronico, Luca

time	[id] title	presenter
16:00	[59] High-Energy Cosmogenic Neutrinos (00h20')	AHLERS, Markus
16:20	[68] Measurement of cosmic ray energy spectrum and composition with IceCube (00h20')	RUZYBAYEV, Bakhtiyar
16:40	[186] Cosmic Rays from the Knee to the Ankle (00h20')	HAUNGS, Andreas
17:00	[252] 5 minute poster previews (00h40')	

Neutrino Oscillations/ Neutrino Beams III: Sterile neutrinos and nonstandard properties (16:00-17:40)

- **Conveners:** Conrad, Janet; Lisi, Eligio; Wojcicki, Stan

time	[id] title	presenter
16:00	[49] Sterile neutrino oscillations: the global picture (00h20')	KOPP, Joachim

16:20	[91] CeLAND: PBq source in KamLAND and short baseline neutrino oscillations prospects (00h20')	MARICIC, Jelena
16:40	[141] SOX: Short distance neutrino Oscillations with BoreXino (00h20')	SMIRNOV, Oleg
17:00	[108] Latest results and current status of the MEG and Mu2e charged lepton flavor violation experiments (00h20')	LIM, Gordon
17:20	[18] Electromagnetic interactions of neutrinos (00h20')	STUDENIKIN, Alexander

Poster Session (19:30-22:00)

- Conveners: Haxton, Wick; Pixa, Michele

Thursday 12 September 2013

Atmospheric Neutrinos II (14:00-15:40)

- **Conveners:** Resconi, Elisa; Itow, Yoshitaka; Pixa, Michele

time	[id] title	presenter
14:00	[66] Atmospheric neutrino oscillation and mass hierarchy determination in Super-Kamiokande (00h20')	OKUMURA, Kimihiro
14:20	[217] Measurement of atmospheric neutrino oscillations with IceCube (00h20')	EULER, Sebastian
14:40	[42] New Limits on Sterile Neutrino Mixing with Atmospheric Neutrinos (00h20')	HIMMEL, Alexander
15:00	[104] Status of the KM3NeT project (00h20')	CONIGLIONE, Rosa
15:20	[137] Self-induced flavor evolution of supernova neutrinos without axial symmetry (00h20')	MIRIZZI, Alessandro

Dark Matter VII (14:00-15:40)

- **Conveners:** Sarsa, Maria Luisa; Calaprice, Frank; Gelmini, Graciela; Scopel, Stefano

time	[id] title	presenter
14:00	[246] Dark matter searches at the LHC (00h20')	APRESYAN, Artur
14:20	[123] Indirect Searches for Dark Matter with the Fermi Large Area Telescope (00h20')	ALBERT, Andrea
14:40	[213] Latest Results on Searches for Dark Matter from IceCube (00h20')	DANNINGER, Matthias
15:00	[44] Search for the light WIMP captured in the Sun using contained events in Super-Kamiokande (00h20')	CHOI, Koun
15:20	[173] The Search for Dark Matter with The High Altitude Water Cherenkov (HAWC) Observatory (00h20')	HARDING, J. Patrick

Gravitational Waves II: Multi-messenger Analysis (14:00-15:40)

- **Conveners:** Katsavounidis, Erik; Marx, Jay

time	[id] title	presenter
14:00	[174] The explosion dynamics of core-collapse supernovae and its multi-messenger signatures (00h20')	KOTAKE, Kei
14:20	[207] Observing Gravitational Waves from the Next Nearby Core-Collapse Supernova (00h20')	GOSSAN, Sarah
14:40	[147] Delayed Outflows from Accretion Disks formed in Neutron Star Binary Mergers (00h20')	FERNANDEZ, Rodrigo
15:00	[239] Detection and Localization of Gravitational Wave Transients: The Early Years (00h20')	PRICE, Larry
15:20	[76] General-relativistic Simulations of Three-dimensional Core-collapse Supernovae (00h20')	ABDIKAMALOV, Ernazar

Low Energy Neutrinos IV (14:00-15:40)

- **Conveners:** Kim, Soo-Bong; McDonald, Art; Pena-Garay, Carlos

time	[id] title	presenter
14:00	[75] Daya Bay Reactor Antineutrino Experiment (00h20')	LU, Haoqi
14:20	[57] Double Chooz latest results (00h20')	MARIANI, Camillo

14:40	[121] Recent Results from RENO (00h20')	SEO, Seon-Hee
15:00	[241] Reexamination of the Reactor Antineutrino Anomaly (00h20')	HAYES, Anna
15:20	[219] Future reactor neutrino experiments (00h20')	JAFFE, David

Underground Laboratories/ Large Detectors I (14:00-15:40)

- **Conveners: Bertou, Xavier; Sinclair, David; Bonifacio, Lady; Pixa, Michele**

time	[id] title	presenter
14:20	[158] Activites at Modane Underground Laboratory (00h20')	PIQUEMAL, Fabrice
14:40	[216] The SNOLAB Science Programme (00h20')	SINCLAIR, David
15:00	[127] ANDES: an underground laboratory in South America (00h20')	DIB, Claudio
15:20	[162] Towards a South African Underground Laboratory (00h20')	WYNGAARDT, Shaun
15:40	[230] The Second-Phase Development of the China JinPing Underground Laboratory for Physics Rare-Event Detectors and Multi-Disciplinary Sensors (00h00')	WANG, Joseph S.Y.

Dark Matter VIII (16:00-18:00)

- **Conveners: Sarsa, Maria Luisa; Calaprice, Frank; Gelmini, Graciela; Scopel, Stefano; Pixa, Michele**

time	[id] title	presenter
16:00	[73] PRELIMINARY RESULTS OF ANAIS-25 AT THE CANFRANC UNDERGROUND LABORATORY (00h20')	SARSA, Maria Luisa
16:20	[94] SABRE: A new NaI(Tl) dark matter direct detection experiment (00h20')	SHIELDS, Emily
16:40	[120] KamLAND-PICO Dark Matter Search Project (00h20')	FUSHIMI, Ken-Ichi
17:00	[54] Limits on spin-independent couplings of WIMP dark matter with a p-type point-contact germanium detector (00h20')	LIN, Shin-Ted
17:20	[21] Recent constraints on axion-photon and axion-electron couplings with the CAST experiment (00h20')	RUZ, Jaime
17:40	[134] The recent status and prospect of CDEX experiment and China Jinping underground laboratory (00h20')	YUE, Qian

Double Beta Decay/ Neutrino Mass V (16:00-17:50)

- **Conveners: Detwiler, Jason; Capelli, Silvia; Petcov, Serguey**

time	[id] title	presenter
16:00	[79] Search for Neutrino-less Double Beta Decay with CANDLES (00h20')	UMEHARA, Saori
16:20	[53] Latest Results of the NEMO-3 Experiment and Status of SuperNEMO (00h20')	BONGRAND, Mathieu
16:40	[172] Investigation of double beta decay of 100Mo to excited final states of 100Ru (00h20')	BARABASH, Alexander
17:00	[114] Status of the DCBA/MTD experiment (00h20')	KAKUNO, Hidekazu
17:20	[101] The Nuclear Matrix Elements for 0nbb-Decay: Current Status (00h30')	SIMKOVIC, Fedor

High Energy Astrophysics IV (16:00-17:40)

- **Conveners: Latronico, Luca; Gaisser, Tom**

time	[id] title	presenter
16:00	[234] High-energy observations of Supernova remnants (00h20')	FUNK, Stefan

16:20	[95] First Results from the High-Altitude Water Cherenkov Observatory (00h20')	BENZVI, Segev
16:40	[93] LOFAR: air shower Xmax measurements with radio antennas (00h20')	BUITINK, Stijn
17:00	[169] The mass composition of ultra-high energy cosmic rays measured by new fluorescence detectors in Telescope Array experiment (00h20')	FUJII, Toshihiro
17:20	[80] Measurement of the Muon Content of Air Showers with IceTop (00h20')	GONZALEZ, Javier

Neutrino Oscillations/ Neutrino Beams IV: Neutrino interactions and detection (16:00-17:40)

- **Conveners: Wojcicki, Stan; Conrad, Janet; Lisi, Eligio**

time	[id] title	presenter
16:00	[160] Neutrino Induced Dimuons and Coherent-Rho in NOMAD (00h20')	CAMILLERI, Leslie
16:20	[128] The MicroBooNE and ArgoNeuT Experiments (00h20')	ASAADI, Jonathan
16:40	[232] Improving Dark Matter Searches by Measuring the Nucleon Axial Form Factor: perspectives from MicroBooNE (00h20')	MICELI, Tia
17:00	[214] The Cryogenic Apparatus for Precision Tests of Argon Interactions with Neutrino (00h20')	LIU, Qiuguang
17:20	[65] Neutron detection and distinguishing high energy Anti-neutrinos in Super-Kamiokande (00h20')	IRVINE, Tristan

Underground Laboratories/ Large Detectors II (16:00-17:40)

- **Conveners: Bertou, Xavier; Sinclair, David**

time	[id] title	presenter
16:00	[131] Future of Super-Kamiokande and Hyper-Kamiokande (00h20')	NAKAHATA, Masayuki
16:20	[43] The LAGUNA-LBNO Project (00h20')	BUIZZA AVANZINI, Margherita
16:40	[33] GLACIER for LBNO: Physics motivation and R results (00h20')	MURPHY, Sebastian
17:00	[32] Testing the Pauli Exclusion Principle for Electrons at LNGS (00h20')	MARTON, Johann
17:20	[248] The Sanford Underground Research Facility (SURF) (00h20')	LESKO, Kevin