

TeV Particle Astrophysics 2016

Monday, September 12, 2016

Cosmic rays: I - 40/S2-D01 - Salle Dirac (2:00 PM - 4:00 PM)

-Conveners: Manuela Vecchi

| time | [id] title | presenter |
|---------|---|----------------------|
| 2:00 PM | [243] Measurement of the Proton and Helium Flux in Cosmic Rays with the Alpha Magnetic Spectrometer: Results and Interpretations. | TOMASSETTI, Nicola |
| 2:20 PM | [11] Electron and Positron Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the International Space Station | ZIMMERMANN, Nikolas |
| 2:40 PM | [16] Antiproton Flux and Antiproton-to-Proton Flux Ration Measured by with the Alpha Magnetic Spectrometer on the International Space Station | BACHLECHNER, Andreas |
| 3:00 PM | [12] Global analysis of cosmic-ray propagation in the light of AMS-02 and the impact on indirect detection of dark matter | KORSMEIER, Michael |
| 3:20 PM | [03] Constraining the production of cosmic rays by pulsars | IVANOV, Mikhail |
| 3:40 PM | [00] Possible interpretations to AMS-02 electron and positron data | DI MAURO, mattia |

Tuesday, September 13, 2016

Cosmic rays: II - 13-2-005 (2:00 PM - 4:00 PM)

-Conveners: Nicola Tomassetti

| time | [id] title | presenter |
|---------|---|------------------|
| 2:00 PM | [M05] New results from PAMELA space mission after 10 years in orbit | MARTUCCI, Matteo |
| 2:20 PM | [M50] Precision Measurement of Nuclei Fluxes and their Ratios in Cosmic Rays with the Alpha Magnetic Spectrometer on the International Space Station | YAN, Qi |
| 2:40 PM | [M03] Effect of the primary cosmic ray flux uncertainties on the secondary positron flux | VECCHI, Manuela |
| 3:00 PM | [M] Bayesian analysis of Cosmic Ray Propagation Parameters of Spatial Dependent Model: antiproton-to-proton ratio is consistent with Two-Halo-Model prediction. | FENG, Jie |
| 3:20 PM | [M71] May spectral features of cosmic ray fluxes be explained by a conspiracy of the sources in space-time? | GENOLINI, yoann |
| 3:40 PM | [M19] Antideuterons in cosmic rays: Sources and discovery potential | HERMS, Johannes |

Thursday, September 15, 2016

Cosmic rays: III - 6/2-024 - BE Auditorium Meyrin (4:30 PM - 6:35 PM)

-Conveners: Damiano Caprioli

| time | [id] title | presenter |
|--------|--|------------------------|
| 4:30 P | [127] New Insights on the Origin of Cosmic Rays | CAPRIOLI, Damiano |
| 4:45 P | [170] Non-linear diffusion of cosmic rays escaping from supernova remnants | NAVA, Lara |
| 5:00 P | [177] Stochastic Acceleration by Turbulence in the Fermi Bubbles | MERTSCH, Philipp |
| 5:15 P | [19] Innovative features in modeling CR transport with DRAGON2: hadrons and diffuse gamma rays | GAGGERO, Daniele |
| 5:30 P | [206] Main results of the Pierre Auger Observatory after 10 years of operation | Dr SETTIMO, Mariangela |
| 5:45 P | [237] Recent Observations with the Telescope Array | BELZ, John |
| 6:05 P | [43] Nuclear physics meets the sources of the ultra-high energy cosmic rays | BONCIOLI, denise |
| 6:20 P | [84] Cosmogenic Neutrinos Challenge the Cosmic Ray Proton Dip Model | HEINZE, Jonas |

Friday, September 16, 2016

Cosmic rays: IV - 500/1-001 - Main Auditorium (2:00 PM - 4:00 PM)

-Conveners: Philipp Mertsch

| time | [id] title | presenter |
|--------|--|----------------------|
| 2:00 P | [M04] Measurements of Cosmic-ray Anisotropy with HAWC | FIORINO, Daniel |
| 2:20 P | [M08] Anisotropy in Cosmic-Ray Arrival Directions with Six Years of Data from the IceCube Detector | MCNALLY, Frank |
| 2:40 P | [M40] Search for Cosmic Ray Anisotropy with the Alpha Magnetic Spectrometer on the International Space Station | ZEISSLER, Stefan |
| 3:00 P | [M3] Deciphering the Dipole Anisotropy of Galactic Cosmic Rays | AHLERS, Markus |
| 3:20 P | [M11] Electron and positron fluxes: the role of anisotropies from known astrophysical sources | MANCONI, Silvia |
| 3:40 P | [M38] TeV-PeV Cosmic-Ray Anisotropy as a Probe of Interstellar Turbulence | Dr GIACINTI, Gwenael |