

**Poster Session and Coffee Break - (15:45-16:45)**

| title   | presenter               | board |
|---|-------------------------|-------|
| <b>TeV gamma and Cr anisotropy partially correlated to UHECR map?</b>   | FARGION, Daniele        | CR01  |
| <b>Fermi particle acceleration in trans-relativistic shocks with magnetic field amplification</b>                             | ELLISON, Don            | CR02  |
| <b>The experimental complex for complementary investigations of inclined EAS generated in cosmic ray nuclear interactions</b> | ZADEBA, Egor            | CR03  |
| <b>Scintillator upgrade of IceTop: An extension of the IceCube surface detector array</b>                                     | HUBER, Thomas           | CR04  |
| <b>First light of the HAWC high energy upgrade</b>  | JARDIN-BLICQ, Armelle   | CR05  |
| <b>On the Spectra of Secondary Cosmic-Ray Nuclei Accelerated at the Supernova Remnants</b>                                    | KAWANAKA, Norita        | CR06  |
| <b>Neutron star merger remnants as sources of cosmic rays below the “ankle”</b>   | RODRIGUES, Xavier       | CR07  |
| <b>Mathematical aspects of inflationary cosmology</b>   | NARITA, Makoto          | CR08  |
| <b>Baryogenesis via leptogenesis in multi-field inflation</b>   | VIDELA, Nelson          | CR09  |
| <b>Bounds on Inelastic Dark Matter from Neutrino Detectors</b>  | EBY, Joshua             | DM01  |
| <b>Colored scotogenic</b>   | RESTREPO, Diego         | DM02  |
| <b>Investigating the M31 extended gamma-ray emission from different perspectives</b>  | ECKNER, Christopher     | DM03  |
| <b>Photon emission from dark mediators in White Dwarfs</b>  | CERMEÑO GAVILÁN, Marina | DM04  |
| <b>Directional Search for Dark Matter Using Nuclear Emulsion</b>  | GULER, A. MURAT         | DM05  |
| <b>Dark matter relic density for a light vector mediator</b>  |                         | DM06  |
| <b>A Dark Matter Detector Based on the Simultaneous Measurement of Phonons at low temperature.</b>                            | TALBAOUI, said          |       |
| <b>Reheating neutron stars with the annihilation of self-interacting dark matter</b>  | CHEN, Chian-Shu         | DM08  |
| <b>Constraints on MeV dark matter using neutrino detectors and their implication for the 21-cm results</b>                    | KLOP, Niki              | DM09  |
| <b>Sudakov log resummation for indirect detection of heavy WIMP dark matter</b>   | VOLLMANN, Martin        | DM10  |
| <b>All-Sky Dark Matter Searches with HAWC</b>   | LUNDEEN, Joseph         | DM11  |
| <b>Mass or Model! New ways to quantify the Signal Diversity in (Direct) Dark Matter Searches</b>                              | EDWARDS, Thomas         | DM12  |
| <b>Dark Matter Accretion in Neutron Stars</b>   | GÉNOLINI, Yoann         | DM13  |
| <b>Velocity dependent dark matter constraints from conversion of cross section in EFT.</b>                                    | ZHANG, Chao             | DM14  |
| <b>Boosting the Annihilation Rate with Ultracompact Minihalos</b>   | FOSTER, Joshua          | DM15  |
| <b>The Impact on Dark Matter Abundances from an Early Kinetic Decoupling</b>  | GUSTAFSSON, Michael     | DM16  |
| <b>A Likelihood Approach for Dark Matter Searches Around the Galactic Center with VERITAS</b>                                 | KELLEY-HOSKINS, Nathan  | DM17  |
| <b>Point Sources at the Galactic Center</b>   | LEANE, Rebecca          | DM18  |
| <b>Powerful Solar Signatures of Long-Lived Dark Mediators</b>   | LEANE, Rebecca          | DM19  |
| <b>Strongly interacting dark matter cannot explain DAMA</b>   | LALETIN, Maxim          | DM20  |

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| <b>Long-term study of TeV blazars</b>   | KURTANIDZE, Omar                    | EG01 |
| <b>TeV-candidate extreme blazars among Swift-BAT sources</b>  | FOFFANO, Luca                       | EG02 |
| <b>Intrinsic spectral timelags in blazar TeV flares</b>   | PERENNES, Cédric                    | EG03 |
| <b>Truncation of AGN jets by their interaction with an stellar cluster</b>  | ARAUDO, Anabella                    | EG04 |
| <b>GRB Observations with H.E.S.S II</b>   | EDNA, Ruiz-Velasco                  | EG05 |
| <b>A Catalog Pipeline for Sources in the CTA Galactic Plane Survey</b>  | CARDENZANA, Joshua                  | G01  |
| <b>A HAWC's Eye View on Supernova Remnants</b>  | FLEISCHHACK, Henrike<br>Fleischhack | G02  |
| <b>Diffusive shock acceleration in the young supernova remnant G1.9+0.3</b>   |                                     | G03  |
| <b>Searching for TeV Halos in a HAWC Stack</b>  | BRISBOIS, Chad                      | G04  |
| <b>Modeling of the spatially resolved non-thermal emission from the Vela Jr. supernova remnant</b>  | SUSHCH, Iurii                       | G05  |
| <b>TeV particles in protostellar jets</b>   | ARAUDO, Anabella                    | G06  |
| <b>CTA Potential in PeVatron Search</b>   | ANGÜNER, Ekrem Oguzhan              | G07  |
| <b>Pair plasma generation and pulsar gamma-ray emission</b>   | TIMOKHIN, Andrey                    | G08  |
| <b>Hadronic radiation from the rotation powered white dwarf within the binary system AR Scorpii</b>   | BEDNAREK, Wlodek                    | GR01 |
| <b>Gamma-rays from radio galaxies produced in the external blob radiation model</b>   | BEDNAREK, Wlodek                    | GR02 |
| <b>Gas active targets: a window to high-energy gamma-ray polarimetry with conversions to e<sup>+</sup>e<sup>-</sup>; experimental demonstration with the HARPO TPC (time projection chamber) prototype.</b> | BERNARD, Denis                      | GR03 |
| <b>Search for PeV photons associated with IceCube neutrino events: Carpet-2 first results and Carpet-3 prospects</b>  | TROITSKY, Sergey                    | GR04 |
| <b>Towards multi-instrument and reproducible gamma-ray analysis</b>   | NIGRO, Cosimo                       | GR05 |
| <b>H.E.S.S. observations of the FSRQ PKS 1510-089 and its long-term evolution</b>   | ZACHARIAS, Michael                  | GR06 |
| <b>Inverse compton scattering model of the Crab Nebula</b>  | DIRSON, Ludmilla                    | GR07 |
| <b>Cherenkov Telescope Array event reconstruction with ImPACT</b>   | PÜRCKHAUER, Sabina                  | GR08 |
| <b>H.E.S.S. searches for TeV gamma-rays associated to high-energy neutrinos with H.E.S.S.: the case of IceCube-170922A / TXS 0506-056</b>   | SCHUSSLER, Fabian                   | GR12 |
| <b>Science with the Southern Gamma-ray Survey Observatory (SGSO)</b>  | SCHUSSLER, Fabian                   | GR11 |
| <b>High-energy analysis optimisation for imaging atmospheric Cherenkov telescopes beyond 10 TeV</b>   | LYPOVA, Iryna                       | GR12 |
| <b>Energy dependent time lag search in blazar emissions with H.E.S.S.</b>   | PERENNES, Cédric                    | GR13 |
| <b>Estimating Spectra with the Dortmund Spectrum Estimation Algorithm</b>   | BUNSE, Mirko                        | GR14 |
| <b>X-ray/gamma-ray flux correlations in the BL Lac Mrk 421 using HAWC data</b>  | GARCIA-GONZALEZ, Jose<br>Andres     | GR15 |
| <b>Galactic Gamma-Ray Astronomy with the Southern Gamma-Ray Survey Observatory</b>  | FLEISCHHACK, Henrike<br>Fleischhack | GR16 |
| <b>Numerical multi-zone leptohadronic models of gamma rays and neutrino emission by magnetic reconnection</b>   | ALVES BATISTA, Rafael               | GR17 |
| <b>Hadronic processes in structured jets of Cygnus X-1</b>  | KANTZAS, Dimitrios                  | GR18 |

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| <b>A Reconstruction Method for Extensive Air Shower Arrays Using Monte Carlo Based Templates with a Likelihood Approach</b>                                      | JOSHI, Vikas  | GR19 |
| <b>Extragalactic photon--axion-like particle oscillations</b>  | GALANTI, Giorgio  | GR20 |
| <b>SENSE - Ultimate Low Light-Level Sensor Development</b>   | LINK, Katrin  | GR21 |
| <b>Construction of a Schwarzschild-Couder telescope as a candidate for the Cherenkov Telescope Array: status and performance of the optical alignment system</b> | PETRASHYK, Andrii   | GR22 |
| <b>H.E.S.S. observations of the flaring gravitationally lensed galaxy PKS 1830-211</b>   | GLICENSTEIN, Jean-François  | GR23 |
| <b>On photon splitting bound on Lorentz-violating mass scale from multi-TeV photon observations</b>  | SATUNIN, Petr   | GR24 |
| <b>Modeling the non-thermal emission from stellar bow shocks</b>   | DEL VALLE, Maria Victoria   | GR25 |
| <b>Status of the AMEGO Subsystem Development</b>   |   | GR26 |
| <b>Multivariate analysis to identify photon ensembles in cosmic-ray background</b>   | ALMEIDA CHEMINANT, Kevin  | GR27 |
| <b>Multi-wavelength correlations within the SSC one-zone model for high-peaked BL Lacs</b>   | GONZALEZ, Maria Magdalena<br>FRAIJA, Nissim   | GR28 |
| <b>Inverse Compton scattering and short Gamma-ray bursts</b>   | FRAIJA, Nissim  | GR29 |
| <b>Primordial Anisotropies in the Gravitational Wave Background from Cosmological Phase Transitions</b>  | MICHAEL, Geller   | GW01 |
| <b>Search of very high energy emission from GRBs with HAWC</b>   | DICHIARA, Simone<br>GONZÁLEZ SÁNCHEZ, Maria Magdalena<br>FRAIJA CABRERA, Nissim<br>Illich | GW02 |
| <b>Black Holes' Dark Dress: The impact of local Dark Matter halos on the mergers of primordial black hole binaries</b>   | KAVANAGH, Bradley   | GW03 |
| <b>AMON coincidence analysis of sub-threshold events from HAWC and LIGO-Virgo</b>  |   | GW04 |
| <b>Robust measurement of supernova <math>\nu_e</math> spectra with future neutrino detectors</b>   | LAHA, Ranjan  | N01  |
| <b>Flavor And Energy Inference For The High-Energy IceCube Neutrinos And Applications In Quantum Spacetime Models</b>  | D'AMICO, Giacomo  | N02  |
| <b>AGN outflows as neutrino sources: an observational test</b>   | TURCATI, Andrea   | N03  |
| <b>Improving the directional reconstruction of PeV hadronic cascades in IceCube</b>  | HAACK, Christian  | N04  |
| <b>The IceCube enhanced starting track event selection and realtime stream</b>   | MANCINA, Sarah  | N05  |
| <b>Probing the Tidal Disruption of Stars by Supermassive Black Holes with the IceCube Neutrino Observatory</b>   | STEIN, Robert   | N06  |
| <b>GRAND: The Giant Radio Array for Neutrino Detection</b>   | BUSTAMANTE, Mauricio  | N07  |
| <b>All-Sky Search for Transient Neutrino Sources with IceCube in Real-Time</b>   | KINTSCHER, Thomas   | N08  |
| <b>Exploring the privileged status of TXS 0506+056 as an emitter of astrophysical neutrinos</b>  | SHARMA, Ankur   | N09  |
| <b>Precision constraints on radiative neutrino decay with CMB spectral distortion</b>  | REEMST, Marnix<br>VAN ARNEMAN, Dylan  | N10  |
| <b>Leptohadronic one-zone modelling of the blazar TXS 0506+056</b>   |   | N11  |
| <b>SModelS - Development towards signatures beyond missing energy</b>  | WONGEL, Alicia  | PP01 |

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| <b>Astroparticle constraints from lensing time delay measurements at different wavelengths</b>                      | GLICENSTEIN, Jean-François | PP02 |
| <b>An improved photo-nuclear cross section model for simulations of UHECR sources and extragalactic propagation</b> | MOREJON, Leonel            | PP03 |
| <b>First Engineering Results from the First Micro-X Sounding Rocket Flight</b>                                      | HUBBARD, Antonia           | PP04 |