Posters for presentation at Gamma2016 (as of 01.07.2016)

1. Adamczyk, Katarzyna: Cloud transmission and its impact on the Cherenkov light density
2. Ambrogi, Lucia: On the potential of atmospheric Cherenkov telescope arrays to perform spectral studies of TeV gamma-ray sources
3. Angioni, Roberto: VLBI and gamma-ray studies of TANAMI radio galaxies
4. Anguner, Ekrem Oguzhan: HESS J1826-130: a very hard-spectrum gamma-ray source in the Galactic plane
5. Anjos, Rita: Gamma rays and magnetic fields as a probe for UHECR luminosity
6. Araya, Miguel: The GeV counterpart of VER J2019+407 in the shell of the SNR G78.2+2.1
7. Armstrong, Thomas: Detection of VHE AGN in Fermi-LAT Pass 8 Data Using DBSCAN
8. Baghmanyan, Vardan: Gamma-ray variability of NGC 1275
9. Banasinski, Piotr: Dynamical Inhomogeneous Model for High Energy Emission from blazars
10. Barkov, Maxim: Ultrafast VHE gamma-ray flares of AGN: Challenges and Implications
11. Becerril, Ana: Triggered Searches of GRBs with HAWC
12. Bernhard, Sabrina: Sensitivity and performance studies by simulating transient phenomena within the H.E.S.S. analysis framework
13. Bonnoli, Giacomo: Perspectives on observations of extra-galactic sources and fundamental physics studies with the ASTRI mini-array on the path towards the Cherenkov Telescope Array
14. Braiding, Catherine: The Mopra Southern Galactic Plane CO Survey
15. Bretz, Thomas: Design study of air-Cherenkov telescopes for harsh environments with efficient air-shower detection at 100 TeV
16. Bryan, Mark: RX J1713 with H.E.S.S.II
17. Burtovoi, Aleksandr: Prospects for PWNe and SNRs science with the ASTRI mini-array of pre-production small-sized telescopes of the Cherenkov Telescope Array
18. Capasso, Massimo: The TeV supernova remnant shell HESS J1731-347 and its surroundings
19. Carosi, Alessandro: Insight into the nature of the candidate extreme BL Lac object RBS0723 with the MAGIC telescopes
20. Carosi, Alessandro: Very high energy follow-up programs of GW and transient alerts with the MAGIC telescopes
21. Cerruti, Matteo: Hadronic modeling of TeV AGNs: gammas and neutrinos
22. Cerruti, Matteo: Target of Opportunity observations of blazars with H.E.S.S.
23. Costantini, Heide: Perspectives with the GCT end-to-end prototype of the Small-Sized Telescopes for the Cherenkov Telescope Array

24. Deil, Christoph: Gammapy - A Python package for gamma-ray astronomy
25. Deil, Christoph: Open high-level data formats and software for gamma-ray astronomy
26. Diebold, Sebastian: Actuator Development at IAAT for the Cherenkov Telescope Array Medium Size Telescopes
27. Djannati-Atai, Arache: Probing Vela Pulsar down to 20GeV with H.E.S.S. II observations
28. Dorner, Daniela: First study of combined blazar light curves from FACT and HAWC
29. Dorner, Daniela: M@TE - Monitoring at TeV Energies
30. DuVernois, Michael: Detector Considerations for a Southern Hemisphere HAWC Experiment
31. Eisenkolb, Felix: An efficient test facility for the Cherenkov Telescope Array FlashCam readout electronics production
32. Fernandez-Barral, Alba: MAGIC observations on pulsar wind nebulae around high spin-down power Fermi pulsars
33. Fernandez-Barral, Alba: VHE gamma-ray observations of the Type Ia Supernova SN 2014J with the MAGIC telescopes
34. Fruck, Christian: MAGIC observations of Sagittarius A* during the closest encounter with the G2 object
35. Giavitto, Gianluca: The upgrade of the H.E.S.S. cameras
36. Giomi, Matteo: Estimate of the LAT sensitivity for gamma-ray polarization
37. Giomi, Matteo: The second catalog of flaring gamma-ray sources from the Fermi All-sky Variability Analysis
38. Glicenstein, Jean-Francois: NectarCAM : a camera for the medium size telescopes of the Cherenkov Telescope Array
39. Gora, Dariusz: MAGIC gamma-ray telescopes hunting for tau neutrinos
40. Gottschall, Daniel: Discovery of new TeV supernova remnant shells in the Galactic plane with H.E.S.S.
41. Grimaldo, Emanuele: Combined magnetohydrodynamic- Monte Carlo simulations of proton acceleration in colliding wind binaries
42. Gros, Philippe: Measurement of polarisation asymmetry of gamma rays between 1.74 to 74 MeV with the HARPO TPC
43. Guembou Shouop, Cebastien Joel: Counting time measurement and statistics in gamma spectrometry: the balance
44. Hahn, Joachim: A Decade Of H.E.S.S. Observations Of The Crab Nebula
45. Hernandez Cadena, Sergio: Searching Dark Matter Signatures from the Virgo Cluster with HAWC
46. Jankowsky, David: TARGET, A Digitizing and Trigger ASIC for the Cherenkov Telescope Array
47. Jardin-Blicq, Armelle: HAWC Upgrade for Multi-TeV gamma-ray detection
48. Jaron, Frederic: Short-term radio variability from the gamma-ray emitting X-ray binary LS I +61°303

49. Kreter, Michael: Blazars as Potential High-Energy Neutrino Sources
50. Ksenofontov, Leonid: On the origin of gamma-ray emission from SN 1006
51. Lefaucheur, Julien: Research and characterisation of blazar candidates among the Fermi/LAT 3FGL catalogue using multivariate classifications
52. Lennarz, Dirk: Feasibility of Imaging Atmospheric Cherenkov Telescopes to Veto Air Showers for Neutrino Astronomy
53. Lennarz, Dirk: The HAWC GRB Programme
54. Maier, Gernot: Long-term TeV Observations of the Gamma-ray Binary HESS J0632+057 with VERITAS
55. Majumdar, Jhilik: Searches for modulation of gamma-ray spectra in the Galactic magnetic field as a signature of photon-ALPs mixing.
56. Marandon, Vincent: Observation of the W49B supernova remnant with Fermi-LAT and H.E.S.S.
57. Mariaud, Christian: VHE observations of the gamma-ray binary system LS 5039 with H.E.S.S.
58. Maxted, Nigel: A Mopra View of the Supernova Remnant HESS J1731-347 and the Unidentified Gamma-ray Source HESS J1729-345
59. Maxted, Nigel: Ammonia excitation imaging of shocked gas towards the W28 gamma-ray source HESS J1801-233
60. Mayer, Michael: GammaLib and ctools
61. Mitchell, Alison: Detailed VHE Studies of the Pulsar Wind Nebula HESS J1825-137
62. Mori, Masaki: Current status of the CALET mission
63. Mori, Masaki: Observability of gamma-ray spectral feature from Kaluza-Klein dark matter annihilation
64. Nathanail, Antonios: How a collapsing massive neutron star can produce a fast radio burst
65. Niederwanger, Felix: The use case of a new Interstellar Radiation Field for Diffuse Galactic Gamma-ray Emission Models
66. Oakes, Louise: Techniques and results for the calibration of the MST prototype for the Cherenkov Telescope Array
67. Osmanov, Zaza: Pulsed VHE emission from the Crab Pulsar in the context of magnetocentrifugal particle acceleration
68. Pandel, Dirk: Multiwavelength Studies of Galactic Fermi LAT Transients
69. Parsons, Robert: The H.E.S.S. II Gamma-ray Burst Observation Scheme
70. Pedaletti, Giovanna: The first detection of the blazar S4 0954+65 at very-high energies with the MAGIC Telescopes during an exceptionally high optical state
71. Pedaletti, Giovanna: VHE gamma-rays from the blazar S5 0716+714 during its brightest outburst
72. Pinter, Sandor: Infrared counterparts of Swift GRBs

73. Pita, Santiago: Redshift measurement of Fermi Blazars for the Cherenkov Telescope Array
74. Principe, Giacomo: Point Source Detection and Flux Estimation with PGWave
75. Prosekin, Anton: Cosmic ray propagation from the rectilinear to the diffusion regime
76. Prosekin, Anton: On the synchro-curvature radiation
77. Queiroz, Farinaldo: Probing Neutrinos Lines from Dark Matter Annihilation with the Cherenkov Telescope Array
78. Racz, Istvan I.: Relationship between the large scale structure of the Universe and spatial distribution of GRBs
79. Rieger, Frank: Non-thermal particle acceleration in astrophysical shear flows
80. Rodriguez Garcia, Jezabel: Pulsars with MAGIC using the new Sum-Trigger II
81. Romano, Patrizia: The Swift Supergiant Fast X-ray Transients outburst factory
82. Sahakyan, Narek: High energy gamma-rays from PKS 1441+25
83. Sano, Hidetoshi: Interstellar Gas in the Magellanic SNRs
84. Satalecka, Konstancja: IceCube real-time alert system
85. Satalecka, Konstancja: Observations of Ice Cube HESE track directions with the MAGIC telescopes
86. Schoorlemmer, Harm: Design consideration for wide field-of-view gamma ray observatory on the Southern Hemisphere
87. Schuessler, Fabian: Limits on the TeV gamma-ray afterglow of Fast Radio Bursts with H.E.S.S.
88. Schuessler, Fabian: The H.E.S.S. multi-messenger program: searches for TeV gamma-ray emission associated with high-energy neutrinos
89. Schulz, Anneli : Building Medium Size Telescope Structures for the Cherenkov Telescope Array
90. Schulz, Anneli: Observations of Bow Shocks of Runaway Stars with H.E.S.S.
91. Scott, Robyn: On the cosmic-ray driven firehose instability
92. Shahinyan, Karlen: VERITAS and VLBA Observations of the Likely Blazar HESS J1943+213
93. Strong, Andrew: COMPTEL Reloaded: new initiatives in gamma rays at MeV energies
94. Sun, Xiaona: Giant lobes of Centaurus A as seen in radio and gamma-ray images obtained with the Fermi -LAT and Planck satellites
95. Takamoto, Makoto: Cosmic-ray acceleration at perpendicular shocks and the effects of MHD turbulence
96. Temme, Fabian: Blazar Monitoring with the First G-APD Cherenkov Telescope
97. Temme, Fabian: Experience from almost five years operation of the first SiPM based camera for Cherenkov Telescopes

98. Tibaldo, Luigi: Observations and models of gamma-ray emission toward the Galactic Center: the case of the Fermi GeV excess
99. Tiziani, Domenico: A pointing solution for the medium size telescopes for the Cherenkov Telescope Array
100. Tollefson, Kirsten: Searches for Dark Matter and Primordial Black Holes with the HAWC Gamma-Ray Observatory
101. Torres-Alba, Nuria: Characterizing the stellar populations interacting with AGN jets
102. Voisin, Fabien: Detailed ISM studies towards several pulsar wind nebulae with Mopra and Nanten
103. Voruganti, Arjun: gamma-sky.net: Portal to the Gamma-Ray Sky
104. Wang, Kai: The Effective Penetration Distance of Ultrahigh Energy Photons in the Cosmic Background Radiation and the Related Neutrinos Production
105. Watson, Jason: Inauguration and first-light of the GCT-M prototype for the Cherenkov Telescope Array
106. Weisgarber, Thomas: A New Eye on the VHE Transient Universe with the HAWC Online Flare Monitor
107. Wendel, Christoph: Electromagnetic cascades in AGN-magnetospheres
108. Wojaczynski, Rafal: X-ray/gamma-ray correlation in Seyfert 2 galaxy NGC 4945
109. Yang, Ruizhi: On the GeV excess in the diffuse gamma-ray emission towards the Galactic Centre
110. Yoshiike, Satoshi: Interstellar Gas in the Middle-Aged SNRs
111. Zacharias, Michael: Implications of Time-dependent Injection in Relativistic Jets
112. Zacharias, Michael: The complex VHE and multiwavelength flaring activity of the FSRQ PKS 1510-089 in May 2015
113. Zargaryan, Davit: Gamma-ray emission from broad-line radio galaxy 3C 120
114. Zechlin, Hannes: Statistical Measurement of the Gamma-ray Source-count Distribution as a Function of Energy
115. Zwolinska, Anna: Development of experiment POLAR for Gamma-Ray Bursts Polarimetry
116. de Ona Wilhelmi, Emma: SAX J1808.4-3658, an accreting millisecond pulsar shining in gamma rays?
117. de Ona Wilhelmi, Emma: Unveiling the magnetic structure of VHE SNRs/PWNe with XIPE X-ray imaging-polarimetry satellite
118. del Palacio, Santiago: A model for the non-thermal emission of the very massive colliding-wind binary HD 93129A