

## Contributions accepted for oral presentation at Gamma2012

(update:19/06/2012)

1. Ajello, Marco : Contribution of BL Lacertae Objects to the Extragalactic Gamma-ray Background above 10 GeV.
2. Aliu, Ester : Resolving Milagro Diffuse TeV sources with VERITAS.
3. Araudo, Anabella : Jets of massive protostars as gamma-ray sources.
4. Arlen, Timothy : VHE observations of AGN and intergalactic magnetic fields.
5. Arons, Jonathan : Auroral Particle Acceleration in Pulsar Magnetospheres.
6. Bellicke, Matthias : The Galactic Center Region Imaged by VERITAS from 2010-2013.
7. Bernard, Denis : A thin detector as a high angular resolution gamma ray telescope and polarimeter, in the MeV-TeV energy range.
8. Bretz, Thomas : Experience with the 'First G-APD Cherenkov Telescope'
9. Biteau, Jonathan : The EBL imprint on H.E.S.S. blazars spectra.
10. Bogovalov, Sergey : MHD flows in the binary system PSR1259-63/SS2883 and its possible impact on the gamma-ray radiation.
11. Caprioli, Damiano : Fermi acceleration at supernova remnant shocks.
12. Cardillo, Martina : CR acceleration and propagation mechanism study in the SNRs W28 and W44, based on the AGILE and Fermi-LAT results.
13. Cerutti, Benoit : Rapid high-energy emission variability in relativistic pair plasma reconnection.
14. Colin, Pierre : Study of gamma-ray emissions from the Perseus Cluster of Galaxies with MAGIC.
15. Derishev, Evgeny : A model for gamma-ray binaries, based on the effect of pair production feedback in shocked pulsar winds.
16. Dwarkadas, Vikram : On the Maximum Energy and Escape of Accelerated Particles in Young Supernova Remnants.
17. Foschini, Luigi : Gamma-ray emission from Narrow-Line Seyfert 1 Galaxies and implications on the relativistic jet generation.
18. Fossati, Giovanni : Multiwavelength variability of blazars for external Compton and SSC models by time-dependent multi-zone simulations.
19. Funk, Stefan : Comparison of Fermi-LAT and CTA in the region between 10-100 GeV.
20. Gasparrini, Dario : Fermi-LAT 2-years AGN Catalog.
21. Georganopoulos, Markos : Locating the GeV emission site in powerful blazars Fermi variability.
22. Giavitto, Gianluca : VHE gamma-ray measurements of the Crab Nebula and Pulsar by MAGIC.
23. Gilmore, Rudy : Semi-Analytic Modeling of the EBL and Consequences for Extragalactic Gamma-ray Spectra.
24. Giordano, Francesco : Towards the first SNR Catalog with Fermi-LAT.
25. Inoue, Susumu : High-energy gamma rays from Galactic accretion events and implications for unidentified GeV-TeV sources.
26. Kachelriess, Michael : Filamentary Diffusion of Cosmic Rays on Small Scales.
27. Kalapotharakos, Constantinos : Gamma-ray light curves from realistic pulsar magnetospheres.
28. Kissmann, Ralf : Physics and parameters in galactic CR transport models.
29. Ksenofontov, Leonid : Nonthermal emission of supernova remnant SN 1006 revisited: theoretical model and the H.E.S.S. results.
30. Krause, Julian : Ongoing cosmic ray acceleration in the supernova remnant W51C revealed with the MAGIC Telescopes.
31. Kusenko, Alexander : Intergalactic cascades, and the implications for EBL, IGMF, and the time variability of blazars.
32. Lemoine-Goumard, Marianne : Fermi-LAT and WMAP observations of the Puppis A supernova remnant.
33. Lyutikov, Maxim : Gamma-ray emission from the Crab pulsar and the nebula: paradigm shifts?
34. Maier, Gernot : Observation of binary systems at very-high energies with VERITAS.
35. Mastichiadis, Apostolos : A comparison of temporal behaviour between leptonic and hadronic models as applied to AGN.
36. Morlino, Giovanni : Non-linear shock acceleration and Gamma-ray emission from Tycho's SNR.
37. Paneque, David : The Fermi-LAT Catalog of Sources Above 10 GeV.

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38. Pfrommer, Christoph : The Physics and Cosmology of TeV Blazars.
39. Raue, Martin : How recent limits on the extragalactic background light constrain the star formation history.
40. Renaud, Matthieu : Particle acceleration in radio supernovae and the associated hadronic signatures.
41. Reville, Brian : The role of non-linear magnetic fields amplification at SNR shocks.
42. Romero, Gustavo E. : Non-thermal radiation from bowshocks of massive runaway stars.
43. Rowell, Gavin : Discovery of steady and extended TeV gamma-ray emission towards the magnetar SGR1806-20 and stellar cluster C1 1806-20.
44. Sandoval, Andres : The HAWC gamma ray Observatory.
45. Saz Parkinson, Pablo : Fermi LAT Detection of Gamma-ray Pulsars above 10 GeV.
46. Sushch, Iurii : TeV Observations of the Binary System PSR B1259-63/LS 2883 with H.E.S.S. around the 2010/2011 Periastron Passage.
47. Terrier, Regis : Follow-up of the Galactic centre outburst echoes.
48. Tramacere, Andrea : Signatures of stochastic acceleration in the spectral distributions of Synchro-Self-Compton sources: A self consistent modeling of TeV blazars' flare.
49. van Eldik, Christopher : Search for photon line-like signatures from Dark Matter annihilations with H.E.S.S.
50. van Soelen, Brian : Anisotropic inverse Compton scattering from the circumstellar disc in PSR B1259-63.
51. Vercellone, Stefano : The ASTRI project: prototype status and future plans for a dual mirror small Cherenkov telescope array.
52. Weniger, Christoph : A tentative gamma-ray line from dark matter annihilation at the Fermi Large Area Telescope.
53. Yusef-Zadeh, Farhad : The Origin of Diffuse Radio, X-ray and Gamma-ray Emission from the Galactic Center.
54. Zacharias, Michael : Modelling of blazar SEDs with the nonlinear SSC cooling process.
55. Zitzer, Benjamin : VERITAS Observations of the Crab Pulsar.