

W. Hofmann

Publications

Dec. 2007

Publications in journals

1. H.E.S.S. collaboration, F. Aharonian et al.
Upper Limits from HESS AGN Observations in 2005-2007
Astron. & Astrophys. in press, arXiv:0711.3196
2. H.E.S.S. collaboration, F. Aharonian et al.
Observations of the Sagittarius Dwarf galaxy by the H.E.S.S. experiment and search for a Dark Matter signal
Astroparticle Phys. in press, arXiv:0711.2369
3. H.E.S.S. collaboration, F. Aharonian et al.
HESS Observations and VLT Spectroscopy of PG 1553+113
Astron. & Astrophys. 477 (2007) 481
4. H.E.S.S. collaboration, F. Aharonian et al.
H.E.S.S. VHE gamma-ray sources without identified counterparts
Astron. & Astrophys. 477 (2007) 353
5. H.E.S.S. collaboration, F. Aharonian et al.
New constraints on the Mid-IR EBL from the HESS discovery of VHE gamma rays from 1ES 0229+200
Astron. & Astrophys. 475 (2007) L9
6. H.E.S.S. collaboration, F. Aharonian et al.
Discovery of VHE gamma-rays from the distant BL Lac 1ES 0347-121
Astron. & Astrophys. 473 (2007) L25
7. H.E.S.S. collaboration, F. Aharonian et al.
An exceptional VHE gamma-ray flare of PKS 2155-304
Astrophys. Journal Lett. 664 (2007) L71
8. S. Funk, J.A. Hinton, G. Pühlhofer, F.A. Aharonian, W. Hofmann, O. Reimer, S. Wagner
XMM-Newton observations reveal the X-ray counterpart of the very-high-energy gamma-ray source HESSJ1640-465
Astrophys. Journal 662 (2007) 517
9. H.E.S.S. collaboration, F. Aharonian et al.
Discovery of two candidate pulsar wind nebulae in very-high-energy gamma rays
Astron. & Astrophys. 472 (2007) 489
10. H.E.S.S. collaboration, F. Aharonian et al.
Detection of VHE gamma-ray emission from the distant blazar 1ES 1101-232 with H.E.S.S. and broadband characterisation
Astron. & Astrophys. 470 (2007) 249

11. S. Funk, J. A. Hinton, Y. Moriguchi, F. A. Aharonian, Y. Fukui, W. Hofmann, D. Horns, G. Pühlhofer, O. Reimer, G. Rowell, R. Terrier, J. Vink, S. Wagner
XMM-Newton observations of HESS J1813-178 reveal a composite Supernova remnant
Astron. & Astrophys. 470 (2007) 475
12. H.E.S.S. collaboration, F. Aharonian et al.
Discovery of a point-like very-high-energy gamma-ray source in Monoceros
Astron. & Astrophys. 469 (2007) L1
13. H.E.S.S. collaboration, F. Aharonian et al.
Detection of extended very-high-energy gamma-ray emission towards the young stellar cluster Westerlund 2
Astron. & Astrophys. 467 (2007) 1075
14. H.E.S.S. collaboration, F. Aharonian et al.
H.E.S.S. observations of the supernova remnant RX J0852.0-4622: shell-type morphology and spectrum of a widely extended VHE gamma-ray source
Astrophys. Journal 661 (2007) 236
15. H.E.S.S. collaboration, F. Aharonian et al.
Search for pulsed VHE gamma-ray emission from young pulsars with H.E.S.S.
Astron. & Astrophys. 466 (2007) 543
16. H.E.S.S. collaboration, F. Aharonian et al.
First ground based measurement of atmospheric Cherenkov light from cosmic rays
Phys. Rev. D 75 (2007) 042004
17. H.E.S.S. collaboration, F. Aharonian et al.
Primary particle acceleration above 100 TeV in the shell-type supernova remnant RX J1713.7-3946 with deep H.E.S.S. observations
Astron. & Astrophys. 464 (2007) 235
18. HERA-B Collaboration, I. Abt et al.
Bottom production cross section from double muonic decays of b-hadrons in 920-GeV proton nucleus collisions
Phys. Lett. B 650 (2007) 103
19. HERA-B Collaboration, I. Abt et al.
Measurement of D^0 , D^+ , D_s^+ and D^{*+} Production in Fixed Target 920 GeV Proton-Nucleus Collisions
Eur. Phys. J. C 52 (2007) 531
20. HERA-B Collaboration, I. Abt et al.
 K^{*0} and Phi meson production in proton nucleus interactions at $\sqrt{s} = 41.6$ GeV
Eur. Phys. J. C 50 (2007) 315
21. HERA-B Collaboration, I. Abt et al.
A measurement of the ψ' to J/ψ production ratio in 920-GeV proton nucleus interactions
Eur. Phys. J. C 49 (2007) 545

22. H.E.S.S. collaboration, F. Aharonian et al.
3.9 day orbital modulation in the TeV gamma-ray flux and spectrum from the X-ray binary LS 5039
Astron. & Astrophys. 460 (2006) 743
23. H.E.S.S. collaboration, F. Aharonian et al.
Energy dependent gamma-ray morphology in the Pulsar wind nebula HESSJ1825-137
Astron. & Astrophys. 460 (2006) 365
24. H.E.S.S. collaboration, F. Aharonian et al.
H.E.S.S. observations of the Galactic Center region and their possible dark matter interpretation
Phys. Rev. Lett. 97 (2006) 221102
25. H.E.S.S. collaboration, F. Aharonian et al.
Fast variability of Tera-Electron Volt gamma-rays from the radio galaxy M87
Science 314 (2006) 1424
26. H.E.S.S. collaboration, F. Aharonian et al.
Observations of the Crab Nebula with H.E.S.S.
Astron. & Astrophys. 457 (2006) 899
27. H.E.S.S. collaboration, F. Aharonian et al.
Discovery of the two wings of the Kookaburra complex in VHE gamma-rays with H.E.S.S.
Astron. & Astrophys. 456 (2006) 245
28. H.E.S.S. collaboration, F. Aharonian et al.
Discovery of Very High Energy Gamma-Ray Emission from the BL Lac Object H2356-309 with the H.E.S.S. Cherenkov Telescopes
Astron. & Astrophys. 455 (2006) 461
29. H.E.S.S. collaboration, F. Aharonian et al.
A low level of extragalactic background light as revealed by gamma-rays from blazars
Nature 440 (2006) 1018
30. H.E.S.S. collaboration, F. Aharonian et al.
A detailed spectral and morphological study of the gamma-ray supernova remnant RX J1713.7-3946 with H.E.S.S.
Astron. & Astrophys. 449 (2006) 223
31. H.E.S.S. collaboration, F. Aharonian et al.
First detection of a VHE gamma-ray spectral maximum from a Cosmic source: H.E.S.S. discovery of the Vela X nebula
Astron. & Astrophys. 448 (2006) L43
32. H.E.S.S. collaboration, F. Aharonian et al.
Evidence for VHE gamma-ray emission from the distant BL Lac PG 1553+113
Astron. & Astrophys. 448 (2006) L19

33. H.E.S.S. collaboration, F. Aharonian et al.
Discovery of very-high-energy gamma-rays from the Galactic Centre ridge
Nature 439 (2006) 695
34. H.E.S.S. collaboration, F. Aharonian et al.
The H.E.S.S. survey of the Inner Galaxy in very high-energy gamma-rays
Astrophys. Journal 636 (2006) 777
35. HERA-B Collaboration, I. Abt et al.
Polarization of Λ and $\bar{\Lambda}$ in 920-GeV fixed-target proton nucleus collisions
Phys. Lett. B 638 (2006) 415
36. HERA-B Collaboration, I. Abt et al.
Measurement of the J/ψ production cross section in 920-GeV/c fixed-target proton nucleus interactions
Phys. Lett. B 638 (2006) 407
37. HERA-B Collaboration, I. Abt et al.
Measurement of the Upsilon production cross section in 920-GeV fixed-target proton nucleus collisions
Phys. Lett. B 638 (2006) 13
38. HERA-B Collaboration, I. Abt et al.
Improved measurement of the $b\bar{b}$ production cross section in 920-GeV fixed-target proton nucleus collisions
Phys. Rev. D 73 (2006) 052005
39. H.E.S.S. collaboration, F. Aharonian et al.
A possible association of the new VHE gamma-ray source HESS J1825-137 with the pulsar wind nebula G18.0-0.7
Astron. & Astrophys. 442 (2005) L25
40. H.E.S.S. collaboration, F. Aharonian et al.
Multi-wavelength observations of PKS 2155-304 with H.E.S.S.
Astron. & Astrophys. 442 (2005) 895
41. H.E.S.S. collaboration, F. Aharonian et al.
Discovery of very high energy gamma rays associated with an X-ray binary
Science 309 (2005) 746
42. H.E.S.S. collaboration, F. Aharonian et al.
A search for very high energy gamma-ray emission from the starburst galaxy NGC 253 with H.E.S.S.
Astron. & Astrophys. 442 (2005) 177
43. H.E.S.S. collaboration, F. Aharonian et al., and S. Johnston, J.G. Kirk, O. Skjaer-aasen
Discovery of the binary pulsar PSR B1259-63 in very-high-energy gamma rays around periastron with H.E.S.S.
Astron. & Astrophys. 442 (2005) 1

44. H.E.S.S. collaboration, F. Aharonian et al.
Observations of Selected AGN with H.E.S.S.
Astron. & Astrophys. 441 (2005) 465
45. H.E.S.S. collaboration, F. Aharonian et al.
Serendipitous discovery of the unidentified extended TeV gamma-ray source HESS J1303-631
Astron. & Astrophys. 439 (2005) 1013
46. HEGRA collaboration, F. Aharonian et al.
TeV gamma-ray observations of SS-433 and a survey of the surrounding field with the HEGRA IACT-System
Astron. & Astrophys. 439 (2005) 635
47. H.E.S.S. collaboration, F. Aharonian et al.
Upper limits to the SN1006 multi-TeV gamma-ray flux from H.E.S.S. observations
Astron. & Astrophys. 437 (2005) 135
48. H.E.S.S. collaboration, F. Aharonian et al.
Observations of Mkn 421 in 2004 with HESS at large zenith angles
Astron. & Astrophys. 437 (2005) 95
49. H.E.S.S. collaboration, F. Aharonian et al.
Detection of TeV gamma-ray emission from the shell-type supernova remnant RX J0852.0-4622 with H.E.S.S.
Astron. & Astrophys. 437 (2005) L7
50. H.E.S.S. collaboration, F. Aharonian et al.
Discovery of VHE gamma rays from PKS 2005-489
Astron. & Astrophys. 436 (2005) L17
51. H.E.S.S. collaboration, F. Aharonian et al.
A new population of very high energy gamma-ray sources in the Milky Way
Science 307 (2005) 1938
52. H.E.S.S. collaboration, F. Aharonian et al.
Discovery of extended VHE gamma-ray emission from the asymmetric pulsar wind nebula in MSH 15-52 with H.E.S.S.
Astron. & Astrophys. 435 (2005) L17
53. H.E.S.S. collaboration, F. Aharonian et al.
Very high energy gamma rays from the composite SNR G0.9+0.1
Astron. & Astrophys. 432 (2005) L25
54. H.E.S.S. collaboration, F. Aharonian et al.
Search for TeV emission from the region around PSR B1706-44 with the H.E.S.S. experiment
Astron. & Astrophys. 432 (2005) L9

55. HEGRA collaboration, F. Aharonian et al.
The unidentified TeV source (TeV J2032+4130) and surrounding field: Final HEGRA IACT-System results
Astron. & Astrophys. 431 (2005) 197
56. H.E.S.S. collaboration, F. Aharonian et al.
H.E.S.S. observations of PKS 2155-304
Astron. & Astrophys. 430 (2005) 865
57. HERA-B Collaboration, A. Zoccoli et al.
Charm, beauty and charmonium production at HERA-B
Eur. Phys. J. C43 (2005) 179
58. B. Adeva et al.
The LHCb silicon tracker
Nucl.Instrum.Meth. A 546 (2005) 76
59. H.E.S.S. Collaboration, F.A. Aharonian et al.
High-energy particle acceleration in the shell of a supernova remnant
Nature 432 (2004) 75
60. H.E.S.S. Collaboration, F.A. Aharonian et al.
Very high energy gamma rays from the direction of Sagittarius A*
Astron. & Astrophys. 425 (2004) L13
61. HEGRA Collaboration, F.A. Aharonian et al.
Observations of 54 active galactic nuclei with the HEGRA system of Cherenkov telescopes
Astron. & Astrophys. 421 (2004) 529
62. HEGRA Collaboration, F.A. Aharonian et al.
Observation of the Monoceros Loop SNR region with the HEGRA system of IACTs
Astron. & Astrophys. 417 (2004) 973
63. HEGRA Collaboration, F.A. Aharonian et al.
The Crab Nebula and pulsar between 500 GeV and 80 TeV: Observations with the HEGRA stereoscopic air Cerenkov telescopes
Astrophys. Journal 614 (2004) 897
64. HERA-B Collaboration, I. Abt et al.
Limits for the central production of the Θ^+ and Ξ^- pentaquarks in 920 GeV pA collisions
Phys. Rev. Lett. 93 (2004) 212003
65. HERA-B Collaboration, I. Abt et al.
Search for the flavor-changing neutral current decay $D^0 \rightarrow \mu^+ \mu^-$ with the HERA-B detector
Phys. Lett. B596 (2004) 173

66. S. Funk, G. Hermann, J. Hinton, D. Berge, K. Bernlöhner, W. Hofmann, P. Nayman, F. Toussenel, P. Vincent
The trigger system of the H.E.S.S. telescope array
Astropart. Phys. 22 (2004) 285
67. H.E.S.S. Collaboration, F.A. Aharonian et al.
Calibration of cameras of the H.E.S.S. detector
Astropart. Phys. 22 (2004) 109
68. M. Agari, N. van Bakel, C. Bauer, D. Baumeister, M. van Beuzekom, M. Feuerstack-Raible, N. Harnew, W. Hofmann, E. Jans, S. Klous, K.T. Knöpfle, S. Löchner, M. Schmelling, E. Sexauer, N. Smale, U. Trunk, H. Verkooijen
Beetle: a radiation hard readout chip for the LHCb experiment
Nucl. Instr. Meth. A518 (2004) 468
69. HERA-B Collaboration, I. Abt et al.
Inclusive V_0 production cross sections from 920 GeV fixed-target proton-nucleus collisions
Europ. Phys. Journal C 29 (2003) 181
70. HERA-B Collaboration, I. Abt et al.
Measurement of the $b\bar{b}$ production cross section in 920 GeV fixed-target proton-nucleus collisions
Europ. Phys. Journal C 26 (2003) 345
71. HERA-B Collaboration, I. Abt et al.
 J/Ψ production via χ_c decays in 920 GeV pA interactions
Phys. Lett. B561 (2003) 61
72. I. Abt, T. Perschke, S. Schaller, S. Masciocchi, C. Bauer, M. Bräuer, W. Hofmann, T. Jagla, K. Knöpfle, M.A. Pleier, K. Reeves, M. Schmelling, B. Schwingenheuer, F. Sciacca
Update on the performance of the HERA-B vertex detector system
Nucl. Instr. Meth. A511 (2003) 24
73. C. Bauer, M. Bräuer, T. Glebe, W. Hofmann, T. Jagla, K.T. Knöpfle, M.A. Pleier, V. Pugatch, M. Schmelling, B. Schwingenheuer, F. Sciacca, U. Trunk, M. Zavertiaev, I. Abt, M. Dressel, I. Kisel, S. Masciocchi, T. Perschke, M. Sang, S. Schaller
Performance of the HERA-B vertex detector system
Nucl. Instr. Meth. A501 (2003) 39
74. HEGRA Collaboration, G. Pühlhofer et al.
The technical performance of the HEGRA system of imaging air Cherenkov telescopes
Astropart. Phys. 20 (2003) 267
75. R. Cornils, S. Gillessen, I. Jung, W. Hofmann, M. Beilicke, K. Bernlöhner, O. Carrol, S. Elfahem, G. Heinzemann, G. Hermann, D. Horns, R. Kankanyan, A. Katona, H. Krawczynski, M. Panter, S. Rayner, G. Rowell, M. Tluczykont, R. van Staa
The optical system of the H.E.S.S. imaging atmospheric Cherenkov telescopes.

Part II: mirror alignment and point spread function
Astropart. Phys. 20 (2003) 129

76. K. Bernlöhr, O. Carrol, R. Cornils, S. Elfahem, P. Espigat, S. Gillessen, G. Heinzelmann, G. Hermann, W. Hofmann, D. Horns, I. Jung, R. Kankanyan, A. Katorna, B. Khelifi, H. Krawczynski, M. Panter, M. Punch, S. Rayner, G. Rowell, M. Tluczykont, R. van Staa
The optical system of the H.E.S.S. imaging atmospheric Cherenkov telescopes.
Part I: layout and components of the system
Astropart. Phys. 20 (2003) 111
77. W. Hofmann
Intercalibration of Cherenkov telescopes in telescope arrays
Astropart. Phys. 20 (2003) 1
78. F. Lucarelli, A. Konopelko, F. Aharonian, W. Hofmann, A. Kohnle, H. Lampeitl, V. Fonseca
Observations of the Crab Nebula with the HEGRA system of IACTs in convergent mode using a topological trigger
Astropart. Phys. 19 (2003) 339
79. HEGRA Collaboration, F.A. Aharonian et al.
TeV gamma-ray light curve and energy spectrum of Mkn 421 during its 2001 flare as measured with HEGRA CT1
Astron. & Astrophys. 410 (2003) 813
80. HEGRA Collaboration, F.A. Aharonian et al.
Detection of TeV gamma-rays from the BL Lac 1ES 1959+650 in its low states and during a major outburst in 2002
Astron. & Astrophys. 406 (2003) L9
81. HEGRA Collaboration, F.A. Aharonian et al.
Observations of H1426+428 with HEGRA - Observations in 2002 and reanalysis of 1999 & 2000 data
Astron. & Astrophys. 403 (2003) 523
82. HEGRA Collaboration, F.A. Aharonian et al.
Is the giant radio galaxy M87 a TeV gamma-ray emitter?
Astron. & Astrophys. 403 (2003) L1
83. HEGRA Collaboration, F.A. Aharonian et al.
Search for TeV gamma ray emission from the Andromeda galaxy
Astron. & Astrophys. 400 (2003) 153
84. A. Konopelko, F. Lucarelli, H. Lampeitl, W. Hofmann
Monte Carlo studies on the sensitivity of the HEGRA imaging atmospheric Cherenkov telescope system in observations of extended γ -ray sources
J. Phys. G: Nucl. Part. Phys. 28 (2002) 2755

85. HEGRA Collaboration, F.A. Aharonian et al.
Limits on the TeV flux of diffuse gamma rays as measured with the HEGRA air shower array
Astropart. Phys. 17 (2002) 459
86. HEGRA Collaboration, F.A. Aharonian et al.
A search for TeV gamma-ray emission from SNRs, pulsars and unidentified GeV sources in the Galactic plane in the longitude range between -2 and 85 degrees
Astron. & Astrophys. 395 (2002) 803
87. HEGRA Collaboration, F.A. Aharonian et al.
Variations of the TeV energy spectrum at different flux levels of Mkn 421 observed with the HEGRA system of Cherenkov telescopes
Astron. & Astrophys. 393 (2002) 89
88. HEGRA Collaboration, F.A. Aharonian et al.
An unidentified TeV source in the vicinity of Cygnus OB2
Astron. & Astrophys. 393 (2002) L37
89. HEGRA Collaboration, F.A. Aharonian et al.
Search for point sources of gamma radiation above 15 TeV with the HEGRA AIRO-BICC array
Astron. & Astrophys. 390 (2002) 39
90. HEGRA Collaboration, F.A. Aharonian et al.
TeV gamma rays from the blazar H 1426+428 and the diffuse extragalactic background radiation
Astron. & Astrophys. 384 (2002) L23
91. S. Preuß, G. Hermann, W. Hofmann, A. Kohnle
Study of the photon flux from the night sky at La Palma and Namibia, in the wavelength region relevant for imaging atmospheric Cherenkov telescopes
Nucl. Instr. Meth. A481 (2002) 229
92. W. Hofmann
How to focus a Cherenkov telescope
J. of Phys. G: Nucl. Part. Phys. 27 (2001) 933
93. HEGRA Collaboration, F.A. Aharonian et al.
A search for gamma-ray emission from the Galactic plane in the longitude range between 37° and 43°
Astron. & Astrophys. 375 (2001) 1008
94. HEGRA Collaboration, F.A. Aharonian et al.
A study of Tycho's SNR at TeV energies with the HEGRA CT-System
Astron. & Astrophys. 373 (2001) 292
95. HEGRA Collaboration, H. Krawczynski, R. Sambruna, A. Kohnle, P.S. Coppi et al.
Simultaneous X-ray and TeV gamma-ray observation of the TeV blazar Markarian 421 during 2000 February and May
Astrophys. Journal 559 (2001) 187

96. B. M. Schäfer, W. Hofmann, H. Lampeitl, M. Hemberger
Particle identification by multifractal parameters in γ -astronomy with the HEGRA-Cerenkov-telescopes
Nucl. Instr. Meth. A465 (2001) 394
97. HEGRA Collaboration, F.A. Aharonian et al.
The TeV energy spectrum of Markarian 501 measured with the stereoscopic telescope system of HEGRA during 1998 and 1999
Astrophys. Journal 546 (2001) 898
98. HEGRA Collaboration, F.A. Aharonian et al.
Evidence for TeV gamma ray emission from Cassiopeia A
Astron. & Astrophys. 370 (2001) 112
99. HEGRA Collaboration, F.A. Aharonian et al.
Search for a TeV gamma-ray halo of Mkn 501
Astron. & Astrophys. 366 (2001) 746
100. HEGRA Collaboration, F.A. Aharonian et al.
Reanalysis of the high energy cutoff of the 1997 Mkn 501 TeV spectrum
Astron. & Astrophys. 366 (2001) 62
101. HEGRA Collaboration, F.A. Aharonian et al.
Rejection of the hypothesis that Markarian 501 TeV photons are pure Bose-Einstein condensates
Astrophys. Journal 543 (2000) L39
102. C. Bauer, M. Bräuer, T. Glebe, W. Hofmann, T. Jagla, F. Klefenz, K.T. Knöpfle, V. Pugatch, M. Schmelling, B. Schwingenheuer, E. Sexauer, U. Trunk, R. Wanke, F. Zurheide, I. Abt, M. Dressel, I. Kisel, S. Masciocchi, B. Moshous, T. Perschke, M. Sang, S. Schaller, W. Wagner
The HERA-B vertex detector system
Nucl. Instr. Meth. A453 (2000) 103
103. ARGUS Collaboration: H. Albrecht et al.
A search for the electric dipole moment of the τ -lepton
Phys. Lett. B485 (2000) 37
104. ARGUS Collaboration: H. Albrecht et al.
Measurement of $K^* \bar{K}^*$ production in two-photon interactions
Eur. Phys. J. C 16 (2000) 435
105. C. Bauer, M. Bräuer, T. Glebe, W. Hofmann, T. Jagla, K.T. Knöpfle, V. Pugatch, M. Schmelling, B. Schwingenheuer, E. Sexauer, L. Seybold, U. Trunk, R. Wanke, I. Abt, M. Dressel, S. Masciocchi, B. Moshous, T. Perschke, K. Riechmann, M. Sang, S. Schaller, W. Wagner, M. Merk, M. Mevius, A. van den Brink
Status of the HERA-B vertex detector
Nucl. Instr. Meth. A447 (2000) 61

106. A. Kohnle, J. Mattes, G. Hermann, W. Hofmann, and M. Panter
Photodetectors for HESS
Nucl. Instr. Meth. A442 (2000) 322
107. HEGRA Collaboration, F.A. Aharonian et al.
Optimizing the angular resolution of the HEGRA telescope system to study the emission region of VHE gamma rays in the Crab Nebula
Astron. & Astrophys. 361 (2000) 1073
108. HEGRA Collaboration, F.A. Aharonian et al.
HEGRA search for TeV emission from BL Lacertae objects
Astron. & Astrophys. 353 (2000) 847
109. HEGRA Collaboration, W. Hofmann et al.
On the optimum spacing of stereoscopic imaging atmospheric Cherenkov telescopes
Astropart. Phys. 13 (2000) 253
110. HEGRA Collaboration, F.A. Aharonian et al.
The energy spectrum of TeV Gamma-Rays from the Crab Nebula as measured by the HEGRA system of imaging air Cerenkov telescopes
Astrophys. Journal 539 (2000) 317
111. HEGRA Collaboration, R.M. Sambruna et al.
Correlated intense X-ray and TeV activity of Markarian 501 in 1998 June
Astrophys. Journal 538 (2000) 127
112. W. Hofmann, H. Lampeitl, A.K. Konopelko, H. Krawczynski
Improved energy resolution for VHE gamma-ray astronomy with systems of Cherenkov telescopes
Astropart. Phys. 12 (2000) 207
113. A. Konopelko, F. Aharonian, M. Hemberger, W. Hofmann, J. Kettler, G. Pühlhofer, H.J. Völk
Effectiveness of TeV γ -ray observations at large zenith angles with a stereoscopic system of imaging atmospheric Cherenkov telescopes
J. Phys. G: Nucl. Part. Phys. 25 (1999) 1989
114. HEGRA Collaboration, F.A. Aharonian et al.
Observations of Mkn 421 during 1997 and 1998 in the energy range above 500 GeV with the HEGRA stereoscopic Cherenkov telescope system
Astron. & Astrophys. 350 (1999) 757
115. W. Hofmann, I. Jung, A.K. Konopelko, H. Krawczynski, H. Lampeitl, G. Pühlhofer
Comparison of techniques to reconstruct VHE gamma-ray showers from multiple stereoscopic Cherenkov images
Astropart. Phys. 12 (1999) 135
116. HEGRA Collaboration, D. Kranich et al.
TeV γ -ray observations of the Crab and Mkn 501 during moonshine and twilight
Astropart. Phys. 12 (1999) 65

117. HEGRA Collaboration, F. Aharonian et al.
Cosmic ray proton spectrum determined with the imaging atmospheric Cherenkov technique
Phys. Rev. D59 (1999) 092003
118. HEGRA Collaboration, F. Aharonian et al.
The temporal characteristics of the TeV gamma emission from Mkn 501 in 1997 - Part II: Results from HEGRA CT1 and CT2
Astron. & Astrophys. 349 (1999) 29
119. HEGRA Collaboration, F.A. Aharonian et al.
The time averaged TeV energy spectrum of Mkn 501 of the extraordinary 1997 outburst as measured with the stereoscopic Cherenkov telescope system of HEGRA
Astron. & Astrophys. 349 (1999) 11
120. HEGRA Collaboration, F. Aharonian et al.
Phase-resolved TeV gamma-ray characteristics of the Crab and Geminga pulsars
Astron. & Astrophys. 346 (1999) 913
121. HEGRA Collaboration, F. Aharonian et al.
The temporal characteristics of the TeV gamma-radiation from Mkn 501 in 1997, I: Data from the stereoscopic imaging atmospheric Cherenkov telescope system of HEGRA
Astron. & Astrophys. 342 (1999) 69
122. HEGRA Collaboration, M. Heß et al.
The time structure of Cherenkov images generated by TeV γ - rays and by cosmic rays
Astropart. Phys. 11 (1999) 363
123. HEGRA Collaboration, A. Konopelko et al.
Performance of the stereoscopic system of the HEGRA imaging air Cerenkov telescopes: Monte Carlo simulations and observations
Astropart. Phys. 10 (1999) 275
124. HEGRA Collaboration, F.A. Aharonian et al.
Measurement of the radial distribution of Cherenkov light generated by TeV γ -ray air showers
Astropart. Phys. 10 (1999) 21
125. V. Pugatch, I. Abt, C. Bauer, M. Bräuer, M. Dressel, T. Glebe, W. Hofmann, K.T. Knöpfle, S. Masciocchi, B. Moshous, T. Perschke, K. Riechmann, S. Schaller, M. Schmelling, B. Schwingenheuer, E. Sexauer, U. Trunk, R. Wanke, W. Wagner, F. Zurheide
Radiation Hardness of the HERA-B Silicon Microstrip Detectors
Il Nuovo Cimento Vol. 112 A (1999) 1383
126. C. Bauer, I. Baumann, M. Bräuer, M. Eberle, W. Fallot-Burghardt, E. Grigoriev, W. Hofmann, A. Hüpper, F. Klefenz, K.T. Knöpfle, G. Leffers, T. Perschke, J. Rieling, M. Schmelling, B. Schwingenheuer, E. Sexauer,

- L. Seybold, J. Spengler, R. StDenis, U. Trunk, R. Wanke, I. Abt,
H. Fox, B. Moshous, K. Riechmann, M. Rietz, R. Rübsam, W. Wagner
First experience and results from the HERA-B vertex detector system
Nucl. Instr. Meth. A418 (1998) 65
127. ARGUS Collaboration, H. Albrecht et al.
Determination of the Michel parameters ρ , χ , and δ in τ -lepton decays with $\tau \rightarrow \rho\nu$
tags
Phys. Lett. B431 (1998) 179
128. K. Bernlöhr, W. Hofmann, G. Leffers, V. Matheis, M. Panter, R. Zink
Changes of the cosmic-ray mass composition in the $10^{14} - 10^{16}$ eV energy range
Astropart. Phys. 8 (1998) 253
129. N. Bulian, A. Daum, G. Hermann, M. Heß, W. Hofmann, H. Lampeitl, G.
Pühlhofer, M. Panter, M. Stein, G. Börst, G. Rauterberg, M. Samorski, C. Sauer-
land, W. Stamm
Characteristics of the multi-telescope coincidence trigger of the HEGRA IACT sys-
tem
Astropart. Phys. 8 (1998) 223
130. A.V. Plyasheshnikov, F.A. Aharonian, M. Hemberger, W. Hofmann,
A.K. Konopelko, H.J. Völk
Study of mass composition and energy spectrum of primary cosmic radiation by the
imaging atmospheric Cherenkov technique
J. Phys. G: Nucl. Part. Phys. 24 (1998) 653
131. ARGUS Collaboration, H. Albrecht et al.
Evidence for $\Lambda_c(2593)^+$ production
Phys. Lett. B402 (1997) 207
132. ARGUS Collaboration, H. Albrecht et al.
A partial wave analysis of the reaction $\gamma\gamma \rightarrow \pi^+\pi^-\pi^0$
Z. Phys. C 74 (1997) 469
133. R. Harr, C. Liapis, P. Karchin, C. Biino, S. Erhan, W. Hofmann, P. Kreuzer,
D. Lynn, M. Medinnis, S. Palestini, L. Pesando, M. Punturo, P. Schlein, B. Wilkens,
J. Zweizig
Pseudorapidity distribution of charged particles in $\bar{p}p$ collisions at $\sqrt{s} = 630$ GeV
Phys. Lett. B401 (1997) 176
134. HEGRA Collaboration, F. Aharonian et al.
Measurement of the flux, spectrum, and variability of TeV γ -rays from MKN-501
during a state of high activity
Astron. & Astrophys. 327 (1997) L5
135. G. Pühlhofer, A. Daum, G. Hermann, M. Heß, W. Hofmann, C. Köhler, M. Panter
Locating TeV γ -ray sources with sub-arcminute precision: the pointing calibration
of the HEGRA system of imaging atmospheric Cherenkov telescopes
Astropart. Phys. 8 (1997) 101

136. M. Ulrich, A. Daum, G. Hermann, W. Hofmann
An improved technique for the determination of shower geometry from single and stereo IACT images
J. Phys. G: Nucl. Part. Phys. 24 (1998) 883
137. A. Fraß, C. Köhler, G. Hermann, M. Heß, W. Hofmann
Calibration of the sensitivity of imaging atmospheric Cherenkov telescopes using a reference light source
Astropart. Phys. 8 (1997) 91
138. HEGRA Collaboration, A. Daum et al.
First results on the performance of the HEGRA IACT array
Astropart. Phys. 8 (1997) 1
139. HEGRA Collaboration, S.M. Bradbury et al.
Detection of gamma rays above 1.5 TeV from Mkn 501
Astron. & Astrophys. 320 (1997) L5
140. F. Aharonian, W. Hofmann, A.K. Konopelko, H.J. Völk
The potential of ground based arrays of imaging atmospheric Cherenkov Telescopes. II) Gamma ray flux sensitivities
Astropart. Phys. 6 (1997) 369
141. F. Aharonian, W. Hofmann, A.K. Konopelko, H.J. Völk
The potential of ground based arrays of imaging atmospheric Cherenkov telescopes. I) Determination of shower parameters
Astropart. Phys. 6 (1997) 343
142. C. Köhler, G. Hermann, W. Hofmann, A. Konopelko, A. Plyashesnikov
Trigger conditions and effective areas of imaging air Cherenkov telescopes
Astropart. Phys. 6 (1996) 77; Err. *ibid* 6 (1997) 423
143. HEGRA Collaboration, F. Aharonian et al.
Stereoscopic imaging of air showers with the first two HEGRA Cherenkov telescopes
Astropart. Phys. 5 (1996) 119
144. HEGRA Collaboration, D. Petry et al.
Detection of VHE gamma rays from Mkn 421 with the HEGRA Cherenkov telescopes
Astron. & Astrophys. 311 (1996) L13
145. HEGRA Collaboration: A. Konopelko, F. Aharonian, A. Akhperjanian, F. Arques, G. Aslanian, A. Beglarian, A. Bradbury, J. Cortina, A. Daum, T. Deckers, J. Fernandez, V. Fonseca, B. Funk, J. C. Gonzalez, W. Greve, G. Heinzlmann, M. Hemberger, G. Hermann, M. Heß, A. Heusler, I. Holl, W. Hofmann, R. Kankanian, A. Karle, O. Kirstein, C. Köhler, A. Kohnle, H. Krawczynski, F. Krennrich, A. Lindner, E. Lorenz, N. Magnussen, S. Martinez, M. Merck, H. Meyer, R. Mirzoyan, H. Möller, A. Moralejo, N. Müller, L. Padilla, M. Panter, D. Petry, R. Plaga, A. Plyashesnikov, J. Prahl, C. Prosch, G. Rauterberg, W. Rhode, D. Renker, V. Sahakian, M. Samorski, J.A. Sanchez, K. Sauerland, D. Schmele, E. Smarsch,

- R.N. Sooth, W. Stamm, M. Ulrich, H.J. Völk, S. Westerhoff, B. Wiebel-Sooth, C.A. Wiedner M. Willmer, H. Wirth
 Detection of gamma rays above 1 TeV from the Crab nebula by the second HEGRA imaging atmospheric Cherenkov telescope at La Palma
 Astropart. Phys. 4 (1996) 199
146. K. Bernlöhr, W. Hofmann, G. Leffers, V. Matheis, M. Panter, U. Trunk, M. Ulrich, T. Wolf, R. Zink
 Operation and performance of the cosmic ray tracking detector system
 Nucl. Instr. Meth. A369 (1996) 293
147. K. Bernlöhr, S. Gamp, G. Hermann, W. Hofmann, T. Kihm, J. Knöppler, G. Leffers, V. Matheis, M. Panter, U. Trunk, M. Ulrich, T. Wolf, R. Zink, J. Heintze, P. Lennert, S. Polenz, R. Eckmann
 The cosmic ray tracking detector system
 Nucl. Instr. Meth. A369 (1996) 284
148. ARGUS Collaboration, H. Albrecht et al.
 Physics with ARGUS
 Phys. Rep. 276 (1996) 223
149. ARGUS Collaboration, H. Albrecht et al.
 Two-photon production of ω pairs
 Phys. Lett. B374 (1996) 265
150. ARGUS Collaboration, H. Albrecht et al.
 Two measurements of $B^0\bar{B}^0$ mixing using kaon tagging
 Phys. Lett. B374 (1996) 256
151. ARGUS Collaboration, H. Albrecht et al.
 Measurement of the semileptonic branching fractions of the D^0 meson
 Phys. Lett. B374 (1996) 249
152. ARGUS Collaboration, H. Albrecht et al.
 Measurement of the decay $D_{s2}^{*+}(2573) \rightarrow D^0 K^+$
 Z. Phys. C69 (1996) 405
153. ARGUS Collaboration, H. Albrecht et al.
 Search for rare B decays
 Phys. Lett. B353 (1995) 554
154. C. Hast, K. Ehret, W. Hofmann, S. Khan, K.T. Knöpfle, M. Reber, J. Rieling, M. Spahn, J. Spengler, T. Lohse
 Test of internal halo targets in the HERA proton ring
 Nucl. Instr. Meth. A354 (1995) 224
155. ARGUS Collaboration, H. Albrecht et al.
 Tau decays into K^* mesons
 Z. Phys. C68 (1995) 215

156. ARGUS Collaboration, H. Albrecht et al.
A search for the lepton-flavour violating decays $\tau \rightarrow e\alpha$, $\tau \rightarrow \mu\alpha$
Z. Phys. C68 (1995) 25
157. ARGUS Collaboration, H. Albrecht et al.
Measurement of the decay fractions of D^* mesons
Z. Phys. C66 (1995) 63
158. ARGUS Collaboration, H. Albrecht et al.
A measurement of the electronic widths Γ_{ee} of the $\Upsilon(1s)$, $\Upsilon(2s)$ and $\Upsilon(4s)$ resonances, and of the total decay width Γ of the $\Upsilon(4S)$
Z. Phys. C65 (1995) 619
159. F. Aharonian, A. Heusler, W. Hofmann, A. Konopelko, A. Plyasheshnikov, V. Fomin
On the optimization of multichannel cameras for imaging atmospheric Cherenkov telescopes
J. Phys. G21 (1995) 985
160. F. Aharonian, W. Hofmann, A. Konopelko, A. Plyasheshnikov, M. Ulrich
On the accuracy of determination of fluxes and energy spectra of primary gamma rays by a single imaging atmospheric Cherenkov telescope
J. Phys. G21 (1995) 419
161. ARGUS Collaboration, H. Albrecht et al.
Determination of the Michel parameters ξ and δ in leptonic τ decays
Phys. Lett. B349 (1995) 576
162. ARGUS Collaboration, H. Albrecht et al.
Evidence for W exchange in charmed baryon decays
Phys. Lett. B342 (1995) 397
163. ARGUS Collaboration, H. Albrecht et al.
The first measurement of the Michel parameter η in τ decays
Phys. Lett. B341 (1995) 441
164. E. Michel, S. Ball, K. Ehret, S. Geyer, J. Hesselbarth, A. Hölscher, W. Hofmann, B. Holzer, A. Hüpper, S. Khan, K.T. Knöpfle, S. Seeger, J. Spengler, M. Brogle, R. Horrisberger
The ARGUS silicon vertex detector
Nucl. Instr. Meth. A348 (1994) 465
165. ARGUS Collaboration, H. Albrecht et al.
Study of D^0 and D^+ decays into final states with two or three kaons
Z. Phys. C64 (1994) 375
166. ARGUS Collaboration, H. Albrecht et al.
Kaons in flavour tagged B decays
Z. Phys. C62 (1994) 371

167. ARGUS Collaboration, H. Albrecht et al.
Inclusive production of $K^*(892)$, $\rho^0(770)$ and $\omega(783)$ mesons in the Υ energy region
Z. Phys. C61 (1994) 1
168. ARGUS Collaboration, H. Albrecht et al.
Measurement of the polarization in the decay $B \rightarrow J/\psi K^*$
Phys. Lett. B340 (1994) 217
169. ARGUS Collaboration, H. Albrecht et al.
Measurement of the absolute branching fractions for D^0 decays into $K^-\pi^+$,
 $K^-\pi^+\pi^+\pi^-$, $\overline{K}^0\pi^+\pi^-$
Phys. Lett. B340 (1994) 125
170. ARGUS Collaboration, H. Albrecht et al.
Determination of the radiative decay width of the η_c meson
Phys. Lett. B338 (1994) 390
171. ARGUS Collaboration, H. Albrecht et al.
Determination of the structure of τ decays in the reaction $e^+e^- \rightarrow \tau^+\tau^- \rightarrow$
 $\rho^+\bar{\nu}_\tau\rho^-\nu_\tau$ and a precision measurement of the τ -neutrino helicity
Phys. Lett. B337 (1994) 383
172. ARGUS Collaboration, H. Albrecht et al.
Reconstruction of the decay $B^- \rightarrow D_1^0(2414)\pi^-$
Phys. Lett. B335 (1994) 526
173. ARGUS Collaboration, H. Albrecht et al.
Observation of $\gamma\gamma \rightarrow \phi\rho^0$ and $\gamma\gamma \rightarrow \phi\omega$
Phys. Lett. B332 (1994) 451
174. ARGUS Collaboration, H. Albrecht et al.
Observation of polarization effects in Λ_c^+ semileptonic decay
Phys. Lett. B326 (1994) 320
175. ARGUS Collaboration, H. Albrecht et al.
A study of $\overline{B}^0 \rightarrow D^{*+}\ell^-\bar{\nu}$ and $B^0\overline{B}^0$ mixing using partial D^{*+} reconstruction
Phys. Lett. B324 (1994) 249
176. TPC/Two Gamma Collaboration, D.A. Bauer et al.
Measurement of the kaon content of three prong τ decays
Phys. Rev. D50 (1994) 13
177. ARGUS Collaboration, H. Albrecht et al.
Search for rare B meson decays into D_s^+ mesons
Z. Phys. C60 (1993) 11
178. TPC/Two Gamma Collaboration, D.A. Bauer et al.
Evidence for spin-one resonance production in the reaction $\gamma\gamma^* \rightarrow \pi^+\pi^-\pi^0\pi^0$
Phys. Rev. D48 (1993) 3976

179. ARGUS Collaboration, H. Albrecht et al.
Inclusive production $\eta'(958)$ and $f_0(975)$ mesons in the Υ energy region
Z. Phys. C58 (1993) 199
180. ARGUS Collaboration, H. Albrecht et al.
Inclusive production of charged pions, kaons and protons in $\Upsilon(4S)$ decays
Z. Phys. C58 (1993) 191
181. ARGUS Collaboration, H. Albrecht et al.
Analysis of the decay $\tau \rightarrow \pi^- \pi^- \pi^+ \nu_\tau$ and determination of the $a_1(1260)$ resonance parameters
Z. Phys. C58 (1993) 61
182. ARGUS Collaboration, H. Albrecht et al.
Investigation of the decays $\bar{B}^0 \rightarrow D^{*+} \ell^- \bar{\nu}$ and $\bar{B} \rightarrow D^{**} \ell^- \bar{\nu}$
Z. Phys. C57 (1993) 533
183. W. Hofmann
An experiment to study CP violation in the B system using an internal target at the HERA proton ring
Nucl. Instr. Meth. A333 (1993) 153
184. ARGUS Collaboration, H. Albrecht et al.
A model independent determination of the inclusive semileptonic decay fraction of B mesons
Phys. Lett. B318 (1993) 397
185. ARGUS Collaboration, H. Albrecht et al.
Observation of a new charmed baryon
Phys. Lett. B317 (1993) 227
186. ARGUS Collaboration, H. Albrecht et al.
A determination of two Michel parameters in purely leptonic tau decays
Phys. Lett. B316 (1993) 608
187. ARGUS Collaboration, H. Albrecht et al.
A partial wave analysis of the decay $D^0 \rightarrow K_s^0 \pi^+ \pi^-$
Phys. Lett. B308 (1993) 435
188. ARGUS Collaboration, H. Albrecht et al.
Observation of Ξ_c^0 semileptonic decay
Phys. Lett. B303 (1993) 368
189. TPC/Two Gamma Collaboration, D.A. Bauer et al.
Study of χ_{c2} production in photon-photon collisions
Phys. Lett. B302 (1993) 345
190. S. Gamp, D. Brecht, W. Hofmann, T. Kihm, J. Knöppler, V. Matheis, M. Panter, R. Reimers, M. Rosales, C. Wiedner, H. Wirth, R. Zink, J. Heintze, P. Lennert, and S. Polenz

- Measurement of the angular distribution of particles in air showers
 Phys. Rev. D46 (1992) 2831
191. D. Brecht, S. Gamp, W. Hofmann, T. Kihm, J. Knöppler, V. Matheis, M. Panter, R. Reimers, M. Rosales, C. Wiedner, R. Zink, M. Feuerstack, J. Heintze, P. Lennert, S. Polenz, B. Stadler
 Cosmic ray tracking - a new approach to high energy γ -astronomy
 Nucl. Instr. Meth. A323 (1992) 60
 192. ARGUS Collaboration, H. Albrecht et al.
 Measurement of the decay $\tau^- \rightarrow \rho^- \nu_\tau$
 Z. Phys. C56 (1992) 339
 193. ARGUS Collaboration, H. Albrecht et al.
 New results on D^0 decays
 Z. Phys. C56 (1992) 7
 194. ARGUS Collaboration, H. Albrecht et al.
 Measurement of inclusive baryon production in B meson decays
 Z. Phys. C56 (1992) 1
 195. ARGUS Collaboration, H. Albrecht et al.
 A new determination of the $B^0\bar{B}^0$ oscillation strength
 Z. Phys. C55 (1992) 357
 196. ARGUS Collaboration, H. Albrecht et al.
 Search for neutrinoless τ decays
 Z. Phys. C55 (1992) 179
 197. ARGUS Collaboration, H. Albrecht et al.
 Search for charm production in direct decays of the $\Upsilon(1S)$ resonance
 Z. Phys. C55 (1992) 25
 198. ARGUS Collaboration, H. Albrecht et al.
 Measurement of R and determination of the charged-particle multiplicity in e^+e^- annihilation at \sqrt{s} around 10 GeV
 Z. Phys. C54 (1992) 13
 199. ARGUS Collaboration, H. Albrecht et al.
 Production of D_s^+ mesons in B decays and determination of f_{D_s}
 Z. Phys. C54 (1992) 1
 200. ARGUS Collaboration, H. Albrecht et al.
 Measurement of exclusive one-prong and inclusive three-prong branching ratios of the τ Lepton
 Z. Phys. C53 (1992) 367
 201. ARGUS Collaboration, H. Albrecht et al.
 The measurement of D_s^+ and D^+ meson decays into $K^{*+}\bar{K}^{*0}$
 Z. Phys. C53 (1992) 361

202. ARGUS Collaboration, H. Albrecht et al.
Observation of the decay $D_{s1}(2536) \rightarrow D^{*0}K^+$
Phys. Lett. B297 (1992) 425
203. ARGUS Collaboration, H. Albrecht et al.
A measurement of the tau mass
Phys. Lett. B292 (1992) 221
204. P238 Collaboration, J. Ellett, S. Erhan, P. Kreuzer, D. Lynn, M. Medinnis,
P. Schlein, J. Zweizig, A. Czermak, G. Engelmann, O. Klingsheim, K. Ley, M. Price,
A. Rudge, H. Wahl, P. Weilhammer, G. Borreani, W. Hofmann, B. Wilkens, M. Cal-
vetti, M. Punturo, Y. Guz, Y. Ivanuschenkov, C. Biino, S. Palestini, L. Pesando,
R. Harr, P. Karchin
Development and test of a large silicon strip system for a hadron collider beauty
trigger
Nucl. Instr. Meth. A317 (1992) 28
205. M. Panter, C. Gamp, W. Hofmann, T. Kihm, J. Knöppler, V. Matheis, C. Wiedner,
R. Zink, M. Feuerstack, J. Heintze, P. Lennert, S. Polenz, B. Schmidt, J. Spitzer,
B. Stadler
Cosmic ray tracking: A new approach to high-energy gamma astronomy
Nucl. Instr. Meth. A315 (1992) 257
206. ARGUS Collaboration, H. Albrecht et al.
Evidence for the production of the charmed, doubly strange baryon Ω_c in e^+e^-
annihilation
Phys. Lett. B288 (1992) 367
207. ARGUS Collaboration, H. Albrecht et al.
A measurement of the inclusive semileptonic decay fraction of charmed hadrons
Phys. Lett. B278 (1992) 202
208. ARGUS Collaboration, H. Albrecht et al.
First evidence of χ_c production in B meson decays
Phys. Lett. B277 (1992) 209
209. ARGUS Collaboration, H. Albrecht et al.
Measurement of the decay $B^- \rightarrow D^{*0}\ell^-\bar{\nu}$
Phys. Lett. B275 (1992) 195
210. ARGUS Collaboration, H. Albrecht et al.
A measurement of asymmetry in the decay $\Lambda_c^+ \rightarrow \Lambda\pi^+$
Phys. Lett. B274 (1992) 239
211. ARGUS Collaboration, H. Albrecht et al.
Inclusive production of D^0 , D^+ and $D^*(2010)^+$ mesons in B decays and non-resonant
 e^+e^- annihilation at 10.6 GeV
Z. Phys. C52 (1991) 353

212. ARGUS Collaboration, H. Albrecht et al.
Observation of spin-parity 2^+ dominance in the reaction $\gamma\gamma \rightarrow \rho^0\rho^0$ near threshold
Z. Phys. C50 (1991) 1
213. ARGUS Collaboration, H. Albrecht et al.
Study of pp and $\Lambda\Lambda$ production in e^+e^- annihilation at 10 GeV center of mass energy
Z. Phys. C49 (1991) 349
214. ARGUS Collaboration, H. Albrecht et al.
Observations of Λ_c^+ semileptonic decay
Phys. Lett. B269 (1991) 234
215. ARGUS Collaboration, H. Albrecht et al.
A spin-parity analysis of $\gamma\gamma \rightarrow \rho^+\rho^-$
Phys. Lett. B267 (1991) 535
216. ARGUS Collaboration, H. Albrecht et al.
Search for $b \rightarrow sX^+X^-$ in exclusive decays of B mesons
Phys. Lett. B262 (1991) 148
217. ARGUS Collaboration, H. Albrecht et al.
Observation of the decay $\tau \rightarrow \rho\pi\pi\nu_\tau$
Phys. Lett. B260 (1991) 259
218. ARGUS Collaboration, H. Albrecht et al.
Observation of the decays $D_s \rightarrow \phi e^- \bar{\nu}$ and $D^- \rightarrow K^{*0} e^- \bar{\nu}$
Phys. Lett. B255 (1991) 634
219. ARGUS Collaboration, H. Albrecht et al.
Reconstruction of semileptonic $b \rightarrow u$ decays
Phys. Lett. B255 (1991) 297
220. ARGUS Collaboration, H. Albrecht et al.
Search for $b \rightarrow s$ gluon in B meson decays
Phys. Lett. B254 (1991) 288
221. M. Feuerstack, J. Heintze, P. Lennert, B. Müller, S. Polenz, B. Schmidt, J. Spitzer, B. Stadler, C. Gamp, W. Hofmann, T. Kihm, J. Knöppler, M. Panter, B. Povh, C. Wiedner
Cosmic ray tracking: A new approach to high-energy gamma astronomy
Nucl. Instr. Meth. A310 (1991) 287
222. TPC/Two Gamma Collaboration, H. Aihara et al.
Test of spin dependence in charm-quark fragmentation to D^*
Phys. Rev. D43 (1991) 29
223. ARGUS Collaboration, H. Albrecht et al.
Exclusive hadronic decays of B mesons
Z. Phys. C48 (1990) 543

224. ARGUS Collaboration, H. Albrecht et al.
Measurement of K^+K^- production in $\gamma\gamma$ collisions
Z.Phys. C48 (1990) 183
225. TPC/Two Gamma Collaboration, M. Alston-Garnjost et al.
Inclusive $D^{*\pm}$ production in photon-photon collisions
Phys. Lett. B252 (1990) 499
226. ARGUS Collaboration, H. Albrecht et al.
Inclusive π^0 and η meson production in electron positron interactions at $\sqrt{s} = 10$ GeV
Z. Phys. C46 (1990) 15
227. ARGUS Collaboration, H. Albrecht et al.
A study of Cabibbo-suppressed D^0 decays
Z. Phys. C46 (1990) 9
228. TPC/Two Gamma Collaboration, H. Aihara et al.
Investigation of the electromagnetic structure of η and η' mesons by two-photon interactions
Phys. Rev. Lett. 64 (1990) 172
229. ARGUS Collaboration, H. Albrecht et al.
Determination of the tau-neutrino helicity
Phys. Lett. B250 (1990) 164
230. ARGUS Collaboration, H. Albrecht et al.
Study of inclusive semileptonic B meson decays
Phys. Lett. B249 (1990) 359
231. ARGUS Collaboration, H. Albrecht et al.
Measurement of Ξ_c production in e^+e^- annihilation at 10.5 GeV center-of-mass energy
Phys. Lett. B247 (1990) 121
232. ARGUS Collaboration, H. Albrecht et al.
Determination of the Michel parameter in tau decay
Phys. Lett. B246 (1990) 278
233. ARGUS Collaboration, H. Albrecht et al.
Observation of the decay $D_s^+ \rightarrow \eta'\pi^+$
Phys. Lett. B245 (1990) 315
234. ARGUS Collaboration, H. Albrecht et al.
Search for hadronic $b \rightarrow u$ decays
Phys. Lett. B241 (1990) 278
235. ARGUS Collaboration, H. Albrecht et al.
Study of anti-deuteron production in e^+e^- annihilation at 10 GeV center-of-mass energy
Phys. Lett. B236 (1990) 102

236. TPC/Two Gamma Collaboration, H. Aihara et al.
A measurement of the total hadronic cross-section in tagged $\gamma\gamma$ reactions
Phys. Rev. D41 (1990) 2667
237. ARGUS Collaboration, H. Albrecht et al.
Observation of semileptonic charmless B meson decays
Phys. Lett. B234 (1990) 409
238. ARGUS Collaboration, H. Albrecht et al.
ARGUS: A universal detector at DORIS-II
Nucl. Instr. Meth. A275 (1989) 1
239. ARGUS Collaboration, H. Albrecht et al.
Measurement of the lifetime ratio $\tau(B^+) / \tau(B^0)$
Phys. Lett. B232 (1989) 554
240. TPC/Two Gamma Collaboration, H. Aihara et al.
Evidence of soft and collinear gluon emission in e^+e^- hadronic events
Z. Phys. C44 (1989) 357
241. TPC/Two Gamma Collaboration, H. Aihara et al.
Exclusive production of $p\bar{p}\pi^+\pi^-$ in photon-photon collisions
Phys. Rev. D40 (1989) 2772
242. ARGUS Collaboration, H. Albrecht et al.
Resonance decomposition of the $D^*(2420)^0$ through a decay angular analysis
Phys. Lett. B232 (1989) 398
243. ARGUS Collaboration, H. Albrecht et al.
Observation of the charged isospin partner of the $D^*(2459)^0$
Phys. Lett. B231 (1989) 208
244. ARGUS Collaboration, H. Albrecht et al.
Observation of $\Delta(1232)^{++}$ production in e^+e^- annihilations around 10 GeV
Phys. Lett. B230 (1989) 169
245. ARGUS Collaboration, H. Albrecht et al.
Observation of a new charmed-strange meson
Phys. Lett. B230 (1989) 162
246. ARGUS Collaboration, H. Albrecht et al.
Search for $b \rightarrow s\gamma$ in exclusive decays of B mesons
Phys. Lett. B229 (1989) 304
247. ARGUS Collaboration, H. Albrecht et al.
Measurement of the decay $B^0 \rightarrow D^-\ell^+\nu$
Phys. Lett. B229 (1989) 175
248. W. Hofmann
Production of strange particles in hadronization processes
Nucl. Phys. A479 (1988) 337

249. W. Hofmann
Particle composition in hadronic jets in e^+e^- annihilation
Ann. Rev. Nucl. Part. Sci. 38 (1988) 279
250. TPC/Two Gamma Collaboration, H. Aihara et al.
Charged hadron inclusive cross sections and fractions in e^+e^- annihilation at $\sqrt{s} = 29$ GeV
Phys. Rev. Lett. 61 (1988) 1263
251. TPC/Two Gamma Collaboration, H. Aihara et al.
Formation of spin-one mesons by photon-photon fusion
Phys. Rev. D38 (1988) 1
252. TPC/Two Gamma Collaboration, H. Aihara et al.
Charmonium production in photon-photon collisions
Phys. Rev. Lett. 60 (1988) 2355
253. TPC/Two Gamma Collaboration, H. Aihara et al.
Production of four-prong final states in photon-photon collisions
Phys. Rev. D37 (1988) 28
254. TPC/Two Gamma Collaboration, H. Aihara et al.
 $f_1(1285)$ formation in photon-photon fusion reactions
Phys. Lett. B209 (1988) 107
255. TPC/Two Gamma Collaboration, H. Aihara et al.
Exclusive production of proton-antiproton pairs in two-photon collisions
Phys. Rev. D36 (1987) 3506
256. TPC/Two Gamma Collaboration, H. Aihara et al.
Experimental limit on the decay $\tau \rightarrow \nu_\tau K^- K^0$
Phys. Rev. Lett. 59 (1987) 751
257. TPC/Two Gamma Collaboration, H. Aihara et al.
Measurement of the photon structure function $F_2^\gamma(x, Q^2)$ in the region $0.2 < Q^2 < 7$ GeV²
Z. Phys. C34 (1987) 1
258. TPC/Two Gamma Collaboration, H. Aihara et al.
Study of η' formation in photon-photon collisions
Phys. Rev. D35 (1987) 2650
259. TPC/Two Gamma Collaboration, H. Aihara et al.
Measurement of τ branching ratios
Phys. Rev. D35 (1987) 1553
260. TPC/Two Gamma Collaboration, H. Aihara et al.
Pion and kaon multiplicities in heavy quark jets from e^+e^- annihilation at 29 GeV
Phys. Lett. B184 (1987) 299

261. TPC/Two Gamma Collaboration, H. Aihara et al.
Comparison of π^\pm , K^\pm , and p , \bar{p} production in the central rapidity region in hadron-hadron collisions and in e^+e^- annihilation
Phys. Lett. B184 (1987) 114
262. TPC/Two Gamma Collaboration, H. Aihara et al.
Observation of scaling of the photon structure function F_2^γ at low Q^2
Phys. Rev. Lett. 58 (1987) 97
263. TPC/Two Gamma Collaboration, H. Aihara et al.
Search for high-mass narrow resonances in virtual photon-photon interactions
Phys. Rev. Lett. 57 (1986) 3245
264. TPC/Two Gamma Collaboration, H. Aihara et al.
Study of baryon correlations in e^+e^- annihilation at 29 GeV
Phys. Rev. Lett. 57 (1986) 3140
265. TPC/Two Gamma Collaboration, H. Aihara et al.
Evidence for a spin-1 particle produced by two photons
Phys. Rev. Lett. 57 (1986) 2500
266. TPC/Two Gamma Collaboration, H. Aihara et al.
Measurement of the inclusive branching fraction $\tau^- \rightarrow \nu_\tau \pi^- \pi^0 + \text{neutral meson(s)}$
Phys. Rev. Lett. 57 (1986) 1836
267. TPC/Two Gamma Collaboration, H. Aihara et al.
Charged D^* meson production in e^+e^- annihilation at $\sqrt{s} = 29$ GeV
Phys. Rev. D34 (1986) 1945
268. TPC/Two Gamma Collaboration, H. Aihara et al.
Comparison of the particle flow in $q\bar{q}g$ and $q\bar{q}\gamma$ events in e^+e^- annihilation
Phys. Rev. Lett. 57 (1986) 945
269. TPC/Two Gamma Collaboration, H. Aihara et al.
Pion and kaon pair production in photon-photon collisions
Phys. Rev. Lett. 57 (1986) 404
270. TPC/Two Gamma Collaboration, H. Aihara et al.
An experimental limit on $\iota \rightarrow \gamma\gamma$ and the interpretation of the ι as a glueball
Phys. Rev. Lett. 57 (1986) 51
271. TPC/Two Gamma Collaboration, H. Aihara et al.
A study of η formation in photon-photon collisions at LEP
Phys. Rev. D33 (1986) 844
272. B. Andersson, W. Hofmann
Bose-Einstein correlations and color strings
Phys. Lett. B169 (1986) 364
273. PEP4-TPC Collaboration, H. Aihara et al.
Baryon production in e^+e^- annihilation at 29 GeV: clusters or diquarks?
Phys. Rev. Lett. 55 (1985) 1047

274. TPC/Two Gamma Collaboration: H. Aihara, M. Alston-Garnjost, J.C. Armitage, J.A. Bakken, A. Barbaro-Galtieri, A.R. Barker, A.V. Barnes, B.A. Barnett, H-U. Bengtsson, D.L. Bintinger, B.J. Blumenfeld, G.J. Bobbink, A.D. Bross, C.D. Buchanan, A. Buijs, M.P. Cain, D.O. Caldwell, O. Chamberlain, C.Y. Chien, A.R. Clark, A. Cordier, O.I. Dahl, C.T. Day, K.A. Derby, M.A. van Driel, P.H. Eberhard, A.M. Eisner, F.C. Ern e, D.L. Fancher, H. Fujii, B. Gabioud, J.W. Gary, W. Gron, N.J. Hadley, J.M. Hauptman, W. Hofmann, J.E. Huth, J. Hylen, U.P. Joshi, T. Kamae, H.S. Kaye, K.H. Kees, R.W. Kenney, L.T. Kerth, W. Ko, R.I. Koda, R.R. Kofler, K.K. Kwong, R.L. Lander, W.G.J. Langefeld, J.G. Layter, F.L. Linde, C.S. Lindsey, S.C. Loken, A. Lu, X-Q. Lu, G.R. Lynch, L. Madansky, R.J. Maderas, K. Maeshima, B.D. Magnuson, K. Maruyama, J.N. Marx, G.E. Masek, J.A.J. Matthews, S.O. Melnikoff, E.S. Miller, W. Moses, R.R. McNeil, P. Nemethy, D.R. Nygren, P.J. Oddone, H.P. Paar, D.A. Palmer, D.A. Park, A. Pevsner, M. Pripstein, P.R. Robrish, M.T. Ronan, R.R. Ross, F.R. Rouse, R.R. Sauerwein, K.A. Schwitkis, J.C. Sens, G. Shapiro, M.D. Shapiro, B.C. Shen, W.E. Slater, J.R. Smith, M.L. Stevenson, D.H. Stork, M.K. Sullivan, J.R. Thompson, H.K. Ticho, J. Timmer, N. Toge R.F. van Daalen Wetters, G.J. Van-Dalen, R. van Tyen, B. van Uitert, V. Vernon, W. Wagner, E.M. Wang, Y.X. Wang, M.R. Wayne, W.A. Wenzel, J.T. White, M.C.S. Williams, H. Yamamoto, M. Yamauchi, S.J. Yellin, W-M. Zhang
Exclusive production of $K^+K^-\pi^+\pi^-$ in photon-photon collisions
Phys. Rev. Lett. 54 (1985) 2564
275. PEP4-TPC Collaboration, H. Aihara et al.
Prompt muon production in e^+e^- annihilation at 29 GeV
Phys. Rev. D31 (1985) 2719
276. PEP4-TPC Collaboration, H. Aihara et al.
Study of Bose-Einstein correlations in e^+e^- annihilation at 29 GeV
Phys. Rev. D31 (1985) 996
277. PEP4-TPC Collaboration, H. Aihara et al.
Tests of models for quark and gluon fragmentation in e^+e^- annihilation at $\sqrt{s} = 29$ GeV
Z. Phys. C28 (1985) 31
278. PEP4-TPC Collaboration, H. Aihara et al.
Quark fragmentation functions and long-range correlations in e^+e^- annihilation at 29 GeV
Z. Phys. C27 (1985) 495
279. PEP4-TPC Collaboration, H. Aihara et al.
Inclusive γ and π^0 production cross sections and energy fractions in e^+e^- annihilation at 29 GeV
Z. Phys. C27 (1985) 187
280. PEP4-TPC Collaboration, H. Aihara et al.
Prompt electron production in e^+e^- annihilation at 29 GeV
Z. Phys. C27 (1985) 39

281. PEP4-TPC Collaboration, H. Aihara et al.
 Λ production in e^+e^- annihilation at 29 GeV
 Phys. Rev. Lett. 54 (1985) 274
282. PEP4-TPC Collaboration, H. Aihara et al.
 Tests of models for parton fragmentation by means of three-jet events in e^+e^- annihilation at $\sqrt{s} = 29$ GeV
 Phys. Rev. Lett. 54 (1985) 270; Erratum: *ibid.* 54 (1985) 1209
283. ARGUS Collaboration, H. Albrecht et al.
 Production and decay of the F meson in e^+e^- annihilation at 10 GeV center-of-mass energy
 Phys. Lett. B153 (1985) 343
284. PEP4-TPC Collaboration, H. Aihara et al.
 Evidence for the F^* meson
 Phys. Rev. Lett. 53 (1984) 2465
285. PEP4-TPC Collaboration, H. Aihara et al.
 K^{*0} and K_s^0 meson production in e^+e^- annihilations at 29 GeV
 Phys. Rev. Lett. 53 (1984) 2378
286. PEP4-TPC Collaboration, H. Aihara et al.
 Observation of strangeness correlations in e^+e^- annihilation at $\sqrt{s} = 29$ GeV
 Phys. Rev. Lett. 53 (1984) 2199
287. PEP4-TPC Collaboration, H. Aihara et al.
 Characteristics of proton production in jets from e^+e^- annihilation at 29 GeV
 Phys. Rev. Lett. 53 (1984) 130
288. PEP4-TPC Collaboration, H. Aihara et al.
 τ lepton branching fractions
 Phys. Rev. D30 (1984) 2436
289. PEP4-TPC Collaboration, H. Aihara et al.
 Search for $Q=2/3e$ and $Q=1/3e$ particles produced in e^+e^- annihilations
 Phys. Rev. Lett. 52 (1984) 2332
290. PEP4-TPC Collaboration, H. Aihara et al.
 ϕ meson production in e^+e^- annihilations at 29 GeV
 Phys. Rev. Lett. 52 (1984) 2201
291. D.P. Barber, H.D. Bremer, J. Kewisch, H.C. Lewin, T. Limberg, H. Mais, G. Ripken, R. Rossmannith, R. Schmidt, F. Zwack and ARGUS Collaboration, H. Albrecht et al., and Crystal Ball Collaboration, C. Edwards et al.
 A precision measurement of the Υ' meson mass
 Phys. Lett. B135 (1984) 498
292. ARGUS-Collaboration: H. Albrecht, R. G. Drews, H. Hasemann, A. Philipp, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Selonke, R. Wurth, A. Drescher, B. Gräwe, W. Hofmann, A. Markees, U. Matthiesen, J. Spengler, D. Wegener,

- R. Heller, K.R. Schubert, J. Stiewe, R. Waldi, S. Weseler, K. Edwards, W.R. Frisken, Ch. Fukunaga, M. Goddard, P. Kim, R.S. Orr, P.M. Patel, J.D. Prentice, H. Seywerd, T-S. Yoon, R. Ammar, D. Coppage, R. Davis, N. Kwak, P. Böckmann, L. Jönsson, Y. Oku, A. Arefiev, M. Danilov, V. Lubimov, V. Matveev, V. Nagovitsin, Yu. Semenov, V. Shevchenko, V. Soloshenco, V. Sopov, V. Tchernychev, I. Tichomirov, V. Tchistilin, Yu. Zaitsev, R. Childers, C.W. Darden, H. Gennow
Branching ratio and mass spectrum of the decay $\Upsilon' \rightarrow \Upsilon \pi^+ \pi^-$
Phys. Lett. B134 (1984) 137
293. PEP4-TPC Collaboration, H. Aihara et al.
Charged hadron production in e^+e^- annihilation at 29 GeV
Phys. Rev. Lett. 52 (1984) 577
294. PEP4-TPC Collaboration, H. Aihara et al.
Search for charge $(4/3)e$ particles produced in e^+e^- annihilations
Phys. Rev. Lett. 52 (1984) 168
295. K. Doroba, D. Drijard, H.G. Fischer, H. Frehse, W. Geist, R. Gokieli, P. Hanke, M. Heiden, W. Herr, W. Hofmann, P.G. Innocenti, E.E. Kluge, J.W. Lamsa, T. Lohse, W.T. Meyer, G. Mornacchi, T. Nakada, M. Panter, A. Putzer, K. Rauschnabel, R. Sosnowski, J. Spengler, O. Ullaland, D. Wegener
Associated π^0 production in events with a particle of high transverse momentum at $\sqrt{s} = 63$ GeV
Z. Phys. C24 (1984) 31
296. A. Breakstone, C.D. Buchanan, H.B. Crawley, K. Doroba, D. Drijard, F. Fabbri, A. Firestone, H.G. Fischer, H. Frehse, G. Giacomelli, W. Geist, R. Gokieli, P. Hanke, M. Heiden, W. Herr, W. Hofmann, P.G. Innocenti, E.E. Kluge, J.W. Lamsa, T. Lohse, W.T. Meyer, G. Mornacchi, T. Nakada, M. Panter, A. Putzer, K. Rauschnabel, F. Rimondi, R. Sosnowski, M. Szczechowski, O. Ullaland, D. Wegener
The four-jet structure of large transverse momentum events in pp interactions at the ISR
Z. Phys. C23 (1984) 1
297. W. Hofmann, D. Wegener
Comparative study of baryon production in hard and soft processes
Z. Phys. C21 (1984) 387
298. PEP4-TPC Collaboration: H. Aihara, M. Alston-Garnjost, H.D. Badtke, J.A. Bakken, A. Barbaro-Galtieri, A.V. Barnes, B.A. Barnett, B.J. Blumenfeld, A. Bross, C.D. Buchanan, W.C. Carithers, O. Chamberlain, C-Q. Chen, J. Chiba, C-Y. Chien, A.R. Clark, O.I. Dahl, C.T. Day, P. Delpierre, K.A. Derby, P.H. Eberhard, D.L. Fancher, H. Fujii, T. Fujii, B. Gabioud, J.W. Gary, W. Gorn, W-X. Gu, N.J. Hadley, J.M. Hauptman, H.J. Hilke, W. Hofmann, J.E. Huth, J. Hylen, H. Iwasaki, T. Kamae, R.W. Kenney, L.T. Kerth, R.I. Koda, R.R. Kofler, K.K. Kwong, J.G. Layter, C.S. Lindsey, G. London, S.C. Loken, X-Q. Lu, G.R. Lynch, L. Madansky, R.J. Madaras, R. Majka, J. Mallet, P.S. Martin, K. Maruyama, J.N. Marx, J.A.J. Matthews, S.O. Melnikoff, W. Moses, P. Nemethy, D.R. Nygren, P.J. Oddone, D. Park, A. Prevsner, M. Pripstein, P.R. Robrish,

- M.T. Ronan, R.R. Ross, F.R. Rouse, R.R. Sauerwein, G. Shapiro, M.D. Shapiro, B.C. Shen, W.E. Slayter, M.L. Stevenson, D.H. Stork, H.K. Ticho, N. Toge, M. Urban, R.F. van Daalen Wetters, G.J. Van Dalen, R. van Tyen, H. Videau, M.R. Wayne, W.A. Wenzel, M. Yamauchi, M.E. Zeller, W.-M. Zhang
Performance of the hexagonal calorimeter at PEP-4
Nucl. Instr. Meth. 217 (1983) 259
299. A. Drescher, H.J. Graf, B. Gräwe, W. Hofmann, A. Markees, U. Matthiesen, J. Spengler, D. Wegener
The ARGUS electron-photon calorimeter: II) Properties of the light collection system of the lead scintillator shower counters
Nucl. Instr. Meth. 216 (1983) 35
300. A. Drescher, B. Gräwe, W. Hofmann, A. Markees, U. Matthiesen, D. Pollmann, J. Spengler, D. Wegener
The ARGUS electron-photon calorimeter: I) Detection of low energy electromagnetic showers
Nucl. Instr. Meth. 205 (1983) 125
301. K. Braune, A. Breakstone, R. Campanini, G.O. Claesson, H.B. Crawley, G.M. Dallavalle, K. Doroba, D. Drijard, F. Fabbri, M. Faessler, A. Firestone, H.G. Fischer, H. Frehse, S.I.A. Garpman, W. Geist, G. Giacomelli, R. Gokieli, M. Gorbics, Ch. Gruhn, P. Hanke, M. Heiden, W. Herr, W. Hofmann, P.G. Innocenti, T.J. Ketel, E.E. Kluge, J.W. Lamsa, T. Lohse, W.T. Meyer, G. Mornacchi, T. Nakada, I. Otterlund, M. Panter, B. Povh, A. Putzer, K. Rauschnabel, B. Rensch, F. Rimondi, R. Sosnowski, J. Spengler, E. Stenlund, T.J.M. Symons, M. Szczekowski, R. Swzed, O. Ullaland, D. Wegener, M. Wunsch
Fluctuations in the hadronic temperature in pp , $p\alpha$ and $\alpha\alpha$ collisions at ISR energies
Phys. Lett. B123 (1983) 467
302. D. Drijard, H.G. Fischer, H. Frehse, W. Geist, M. Heiden, P.G. Innocenti, O. Ullaland, W. Hofmann, T. Lohse, M. Panter, K. Rauschnabel, J. Spengler, D. Wegener, P. Hanke, W. Herr, E.E. Kluge, T. Nakada, A. Putzer, K. Doroba, R. Gokieli, R. Sosnowski, A. Breakstone, H.B. Crawley, A. Firestone, J.W. Lamsa, W.T. Meyer, C.D. Buchanan, J. Spahn
Experimental study of parton-parton scattering amplitudes - the spin of the gluon
Phys. Lett. B121 (1983) 433
303. W. Hofmann, A. Markees, U. Matthiesen, O. Mädiger, M. Schmelling
Characteristics of lead-scintillator sampling shower counters for the detection of electrons and photons in the energy range 70 MeV to 6 GeV
Nucl. Instr. Meth. 195 (1982) 475
304. D. Drijard, H.G. Fischer, H. Frehse, W. Geist, B. Heck, M. Heiden, P.G. Innocenti, J.W. Lamsa, W.T. Meyer, G. Mornacchi, N. Norton, O. Ullaland, H.D. Wahl, W. Hofmann, M. Panter, K. Rauschnabel, J. Spengler, D. Wegener, P. Hanke, W. Herr, E.E. Kluge, T. Nakada, A. Putzer, K. Doroba, R. Gokieli, R. Sosnowski

A measurement of the inclusive cross section of charged pions at very high transverse momenta

Nucl. Phys. B208 (1982) 1

305. H. Albrecht, R. Childers, C.W. Darden, G. Drews, H. Hasemann, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Selonke, F. Steinmann, R. Wurth, W. Hofmann, A. Markees, D. Wegener, K.R. Schubert, J. Stiewe, R. Waldi, S. Weseler, P. Böckmann, L. Jönsson, M. Danilov, Yu. Semenov, I. Tichomirov, Yu. Zaitsev
The hadronic cross section of electron-positron annihilation at 9.5 GeV and the Υ and Υ' resonance parameters
Phys. Lett. B116 (1982) 383
306. A. Breakstone, H.B. Crawley, A. Firestone, M. Gorbics, J.W. Lamsa, W.T. Meyer, R. Campanini, G.M. Dallavalle, M.M. Deninno, F. Fabbri, G. Giacomelli, F. Rimondi, D. Drijard, H.G. Fischer, H. Frehse, W. Geist, M. Heiden, P.G. Innocenti, G. Mornacchi, O. Ullaland, W. Hofmann, M. Panter, K. Rauschnabel, J. Spengler, D. Wegener, P. Hanke, W. Herr, E.E. Kluge, T. Nakada, A. Putzer, B. Rensch, M. Wunsch, K. Doroba, R. Gokieli, R. Sosnowski
Comparison of short-range rapidity correlations in $\bar{p}p$ and pp interactions at $\sqrt{s} = 53$ GeV
Phys. Lett. B114 (1982) 383
307. D. Drijard, H.G. Fischer, H. Frehse, P. Hanke, P.G. Innocenti, J.W. Lamsa, W.T. Meyer, G. Mornacchi, A. Norton, O. Ullaland, H.D. Wahl, W. Hofmann, T. Lohse, M. Panter, K. Rauschnabel, J. Spengler, D. Wegener, W. Geist, M. Heiden, W. Herr, E.E. Kluge, T. Nakada, A. Putzer, B. Rensch, K. Doroba, R. Gokieli, R. Sosnowski
Neutral strange particle production in proton-proton collisions at $\sqrt{s} = 63$ GeV
Z. Phys. C12 (1982) 217
308. D. Drijard, H.G. Fischer, H. Frehse, W. Geist, P. Hanke, P.G. Innocenti, D.W. Lamsa, W.T. Meyer, A. Norton, O. Ullaland, H.D. Wahl, G. Fontaine, C. Ghesquiere, G. Sajot, W. Hofmann, M. Panter, K. Rauschnabel, J. Spengler, D. Wegener, M. Heiden, E.E. Kluge, T. Nakada, A. Putzer, M. Della Negra, D. Linglin, R. Gokieli, R. Sosnowski
Further investigation of beauty baryon production at the ISR
Phys. Lett. B108 (1982) 361
309. A. Breakstone, H.B. Crawley, A. Firestone, M. Gorbics, J.W. Lamsa, W.T. Meyer, D.L. Parker, D. Drijard, F. Fabbri, H.G. Fischer, H. Frehse, P. Hanke, P.G. Innocenti, O. Ullaland, W. Hofmann, M. Panter, K. Rauschnabel, J. Spengler, D. Wegener, W. Geist, M. Heiden, E.E. Kluge, T. Nakada, A. Putzer, K. Doroba, R. Gokieli, R. Sosnowski
Study of hadronic events in pp collisions at $\sqrt{s} = 62$ GeV and comparison with hadronic events in e^+e^- collisions
Z. Phys. C11 (1981) 203
310. W. Hofmann
Inclusive production of baryons in decays of the $\Upsilon(9.46)$ and in quark jets

Z. Phys. C10 (1981) 351

311. D. Drijard, H.G. Fischer, W. Geist, P.G. Innocenti, V. Korbelt, A. Minten, A. Norton, S. Stein, O. Ullaland, H.D. Wahl, G. Fontaine, C. Ghesquiere, G. Sajot, P. Hanke, W. Hofmann, M. Panter, K. Rauschnabel, J. Spengler, D. Wegener, H. Frehse, M. Heiden, E.E. Kluge, A. Putzer, M. Della Negra, D. Linglin, R. Gokieli, R. Sosnowski
Production of vector and tensor mesons in proton-proton collisions at $\sqrt{s}= 52.5$ GeV
Z. Phys. C9 (1981) 293
312. H. Albrecht, R. Childers, C.W. Darden, G. Drews, H. Hasemann, E. McCliment, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Selonke, E. Steinmann, R. Wurth, W. Hofmann, A. Markees, D. Wegener, K.R. Schubert, J. Stiewe, R. Waldi, S. Weseler, P. Böckmann, L. Jönsson, M. Danilov, Yu. Semenov, I. Tichomirov, Yu. Zaitsev
Inclusive hadron production in the Υ -Region
Phys. Lett. B102 (1981) 291
313. D. Drijard, H.G. Fischer, W. Geist, P.G. Innocenti, V. Korbelt, A. Minten, A. Norton, S. Stein, O. Ullaland, H.D. Wahl, P. Burlaud, G. Fontaine, P. Frenkiel, C. Ghesquiere, G. Sajot, P. Hanke, W. Hofmann, W. Isenbeck, K. Rauschnabel, J. Spengler, D. Wegener, H. Frehse, E.E. Kluge, M. Heiden, A. Putzer, M. Della Negra, D. Linglin, R. Gokieli, R. Sosnowski
Quantum number effects in events with a charged particle of large transverse momentum, Part 2: Charge correlations in jets
Nucl. Phys. B166 (1980) 233
314. H. Albrecht, R. Childers, C.W. Darden, G. Drews, H. Hasemann, E. McCliment, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Selonke, E. Steinmann, R. Wurth, W. Hofmann, A. Markees, D. Wegener, K.R. Schubert, J. Stiewe, R. Waldi, S. Weseler, P. Böckmann, L. Jönsson, M. Danilov, u. Semenov, I. Tichomirov, Yu. Zaitsev
A determination of the total width of the $\Upsilon(9.46)$ meson
Phys. Lett. B93 (1980) 500
315. D. Drijard, H.G. Fischer, W. Geist, P.G. Innocenti, V. Korbelt, A. Minten, A. Norton, S. Stein, O. Ullaland, H.D. Wahl, P. Burlaud, G. Fontaine, P. Frenkiel, C. Ghesquiere, G. Sajot, P. Hanke, W. Hofmann, M. Panter, K. Rauschnabel, J. Spengler, D. Wegener, H. Frehse, E.E. Kluge, M. Heiden, W. Herr, A. Putzer, M. Della Negra, D. Linglin, R. Gokieli, R. Sosnowski, M. Szeptycka
Charmed baryon production at the CERN intersecting storage rings
Phys. Lett. B85 (1979) 452
316. D. Drijard, H.G. Fischer, W. Geist, R. Gokieli, P.G. Innocenti, V. Korbelt, A. Minten, A. Norton, R. Sosnowski, S. Stein, O. Ullaland, H.D. Wahl, P. Burlaud, M. Della Negra, G. Fontaine, P. Frenkiel, C. Ghesquiere, D. Linglin, G. Sajot, H. Frehse, E.E. Kluge, A. Putzer, J. Stiewe, P. Hanke, W. Hofmann, W. Isenbeck, J. Spengler, D. Wegener

Quantum number effects in events with a charged particle of large transverse momentum, Part 1: leading particles in single and diquark jets
Nucl. Phys. B156 (1979) 309

317. D. Drijard, H.G. Fischer, R. Gokieli, P.G. Innocenti, V. Korbel, A. Minten, A. Norton, R. Sosnowski, S. Stein, O. Ullaland, H.D. Wahl, P. Burlaud, M. Della Negra, G. Fontaine, P. Frenkiel, C. Ghesquiere, D. Linglin, G. Sajot, H. Frehse, E.E. Kluge, A. Putzer, J. Stiewe, P. Hanke, W. Hofmann, W. Isenbeck, J. Spengler, D. Wegener
Density, charge and transverse momentum correlations of particles in non-diffractive proton-proton collisions at $\sqrt{s}= 52.5$ GeV
Nucl. Phys. B155 (1979) 269
318. D. Drijard, H.G. Fischer, W. Geist, R. Gokieli, P.G. Innocenti, V. Korbel, A. Minten, A. Norton, R. Sosnowski, S. Stein, O. Ullaland, H.D. Wahl, P. Burlaud, M. Della Negra, G. Fontaine, P. Frenkiel, C. Ghesquiere, D. Linglin, G. Sajot, H. Frehse, E.E. Kluge, M. Heiden, A. Putzer, J. Stiewe, P. Hanke, W. Hofmann, M. Panter, K. Rauschnabel, J. Spengler, D. Wegener
Observation of charmed D meson production in pp collisions
Phys. Lett. B81 (1979) 250
319. W. Hofmann, J. Spengler, D. Wegener, A. Krolzig, W. Schmidt-Parzefall, K.R. Schubert
Electron energy and position measurement using lead-scintillator calorimeters with a new light collection system
Nucl. Instr. Meth. 163 (1979) 77
320. A. Babaev, W.D. Apel, J. Engler, W. Hofmann, K. Rauschnabel, D. Wegener
Properties of electromagnetic and hadronic showers measured with liquid Argon calorimeters
Nucl. Instr. Meth. 160 (1979) 427
321. C.W. Darden, H. Hasemann, A. Krolzig, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Selonke, E. Steinmann, R. Wurth, W. Hofmann, A. Markees, D. Wegener, H. Albrecht, K.R. Schubert, P. Böckmann, L. Jönsson
Study of the $\Upsilon(9.46)$ meson in electron-positron annihilations
Phys. Lett. B80 (1979) 419
322. D. Drijard, H.G. Fischer, R. Gokieli, P.G. Innocenti, V. Korbel, A. Minten, A. Norton, R. Sosnowski, S. Stein, H.D. Wahl, M. Della Negra, G. Fontaine, P. Frenkiel, C. Ghesquiere, D. Linglin, G. Sajot, H. Frehse, E.E. Kluge, A. Putzer, J. Stiewe, P. Hanke, W. Hofmann, J. Spengler, D. Wegener
Double pomeron exchange in the reaction $pp \rightarrow pp\pi^+\pi^-$ at ISR energies
Nucl. Phys. B143 (1978) 61
323. C.W. Darden, H. Hasemann, A. Krolzig, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Selonke, E. Steinmann, R. Wurth, W. Hofmann, A. Markees, D. Wegener, H. Albrecht, K.R. Schubert, P. Böckmann, L. Jönsson
Evidence for a narrow resonance at 10.01 GeV in electron-positron annihilations
Phys. Lett. B78 (1978) 364

324. C.W. Darden, H. Hasemann, A. Krolzig, W. Schmidt-Parzefall, H. Schröder, H.D. Schulz, F. Selonke, E. Steinmann, R. Wurth, W. Hofmann, D. Wegener, H. Albrecht, K.R. Schubert, P. Böckmann, L. Jönsson
Observation of a narrow resonance at 9.46 GeV in electron-positron annihilations
Phys. Lett. B76 (1978) 246
325. M. Della Negra, D. Drijard, H.G. Fischer, G. Fontaine, H. Frehse, P. Frenkiel, C. Ghesquiere, R. Gokieli, P. Hanke, W. Hofmann, P.G. Innocenti, W. Isenbeck, E.E. Kluge, V. Korbel, D. Linglin, A. Minten, A. Norton, A. Putzer, G. Sajot, R. Sosnowski, S. Stein, J. Stiewe, H.D. Wahl, D. Wegener
Observation of jet structure in high p_T Events at the ISR and the importance of parton transverse momentum
Nucl. Phys. B127 (1977) 1
326. W. Hofmann, U. Klein, M. Schulz, J. Spengler, D. Wegener
Production and transport of conduction electrons in a liquid argon ionization chamber
Nucl. Instr. Meth. 135 (1976) 151
327. J. Engler, W. Hofmann, J. Spengler, D. Wegener
Electron-proton separation with a liquid argon - lead sandwich detector
Nucl. Instr. Meth. 133 (1976) 521
328. M. Della Negra, D. Drijard, H.G. Fischer, G. Fontaine, H. Frehse, P. Frenkiel, C. Ghesquiere, R. Gokieli, P. Hanke, W. Hofmann, W. Isenbeck, E.E. Kluge, V. Korbel, D. Linglin, A. Minten, A. Norton, A. Putzer, R. Sosnowski, S. Stein, D. Wegener
Study of double pomeron exchange in pp collisions at $\sqrt{s}= 31$ GeV
Phys. Lett. B65 (1976) 394
329. M. Della Negra, D. Drijard, H.G. Fischer, G. Fontaine, H. Frehse, P. Frenkiel, C. Ghesquiere, R. Gokieli, P. Hanke, W. Hofmann, P.G. Innocenti, W. Isenbeck, E.E. Kluge, V. Korbel, S. Krzywdzinski, D. Linglin, A. Minten, J. Moritz, D.R.O. Morrison, A. Putzer, H. Schneider, R. Stroynowski, S. Stein, W.J. Schuille, D. Wegener
Composition of particles emitted at large p_T and medium angles in pp collisions at $\sqrt{s}= 52.5$ GeV
Phys. Lett. B59 (1975) 481
330. J. Engler, B. Friend, W. Hofmann, H. Keim, R. Nickson, W. Schmidt-Parzefall, A. Segar, M. Tyrrell, D. Wegener, T. Willard, K. Winter
A liquid argon ionization calorimeter for detection of electromagnetic and hadronic showers
Nucl. Instr. Meth. 120 (1974) 157

Other publications

1. G. Hermann, W. Hofmann, T. Schweizer, M. Teshima, for the CTA consortium
Cherenkov Telescope Array: The next-generation ground-based gamma-ray observatory
Proc. 30th International Cosmic Ray Conference, Merida, 2007, arXiv:0709.2048
2. O. Reimer, J. Hinton, W. Hofmann, S. Hoppe, C. Masterson, M. Raue, for the HESS Collaboration
HESS J1023-575: Non-thermal particle acceleration associated with the young stellar cluster Westerlund 2
Proc. 30th International Cosmic Ray Conference, Merida, 2007, arXiv:0710.3518
3. D. Berge, F. Aharonian, W. Hofmann, M. Lemoine-Goumard, O. Reimer, G. Rowell, H.J. Völk, for the HESS Collaboration
Primary particle acceleration above 100 TeV in the shell-type Supernova Remnant RX J1713.7-3946 with deep H.E.S.S. observations
Proc. 30th International Cosmic Ray Conference, Merida, 2007, arXiv:0710.1767
4. S. Carrigan, J.A. Hinton, W. Hofmann, K. Kosack, T. Lohse, O. Reimer, for the H.E.S.S. Collaboration
Establishing a connection between high-power pulsars and very-high-energy gamma-ray sources
Proc. 30th International Cosmic Ray Conference, Merida, 2007, arXiv:0709.4094
5. C. van Eldik, O. Bolz, I. Braun, G. Hermann, J. Hinton, W. Hofmann, for the HESS Collaboration
Localising the H.E.S.S. Galactic Centre point source
Proc. 30th International Cosmic Ray Conference, Merida, 2007, arXiv:0709.3729
6. O. Reimer, F. Aharonian, J. Hinton, W. Hofmann, S. Hoppe, M. Raue, A. Reimer
VHE gamma-rays from Westerlund 2 and implications for the inferred energetics
Proceedings of International Workshop on Clumping in Hot-Star Winds, Potsdam, Germany, 18-22 June 2007, arXiv:0710.3418
7. O. Reimer, J. Hinton, W. Hofmann, S. Hoppe, C. Masterson, M. Raue
HESS J1023-575: Non-thermal particle acceleration associated with a young stellar cluster
AIP Conf. Proc. 921 (2007) 220
8. W. Hofmann
H.E.S.S. Highlights
Proc. 29th International Cosmic Ray Conference, Pune, India (2005)
9. W. Hofmann
H.E.S.S. Status
Proc. of the Cherenkov 2005 Conf., Palaiseau, France
10. W. Hofmann
Performance limits for Cherenkov instruments
Proc. of the Cherenkov 2005 Conf., Palaiseau, France, arXiv:astro-ph/0603076

11. W. Hofmann
Status of ground-based gamma ray astronomy
AIP Conf. Proc. 745 (2005) 246, F.A. Aharonian, H.J. Völk, D. Horns (Eds.)
12. R. Cornils, S. Gillessen, I. Jung, W. Hofmann, G. Heinzelmann
Point spread function and long-term stability of the H.E.S.S. reflectors
AIP Conf. Proc. 745 (2005) 736, F.A. Aharonian, H.J. Völk, D. Horns (Eds.)
13. S. Funk, J. Hinton, G. Hermann, D. Berge, K. Bernlöhr, W. Hofmann, P. Nayman, F. Toussenel, P. Vincent
The Central Trigger System of the H.E.S.S. Telescope Array
AIP Conf. Proc. 745 (2005) 753, F.A. Aharonian, H.J. Völk, D. Horns (Eds.)
14. W. Hofmann
H.E.S.S. provides a new view of the gamma-ray sky
CERN Courier 45 (2005) 30
15. B. Adeva et al.
Performance studies of the silicon strip detectors of the LHCb silicon tracker
CERN-LHCB-2005-080 (2005)
16. A. Vollhardt et al.
Production of the LHCb silicon tracker readout electronics
CERN-LHCB-2005-064 (2005)
17. A. Bay et al.
Hybrid design, procurement and testing for the LHCb silicon tracker
CERN-LHCB-2005-061 (2005)
18. B. Adeva et al.
Silicon sensor probing and radiation studies for the LHCb silicon tracker
CERN-LHCB-2005-033 (2005)
19. M. Agari et al.
A radiation tolerant fiber-optic readout system for the LHCb silicon tracker
CERN-LHCB-2005-032 (2005)
20. GERDA Collaboration, S. Schönert et al.
The Germanium Detector Array (GERDA) for the search of neutrinoless beta beta decays of Ge-76 at LNGS
Nucl. Phys. Proc. Suppl. 145 (2005) 242
21. W. Hofmann
Results from H.E.S.S.
Proc. SLAC Summer Institute, eConf C040802:THT004, Stanford (2004)
22. W. Hofmann
Galactic sources of VHE gamma rays
Proc. of the Frontier Science 2004 Conference: Physics and Astrophysics in Space, Frascati Physics Series VVV, p. 313

23. P. Emde, W. Hofmann, H.J. Kärcher
Design studies on large Cherenkov telescopes
Proceedings of the SPIE, Vol. 5489 (2004) 526
24. I. Abt, M. Altmann, A. Bakalyarov, I. Barabanov, C. Bauer, E. Bellotti, S.T. Belyaev, L. Bezrukov, V. Brudanin, C. Büttner, V.P. Bolotsky, A. Caldwell, C. Cattadori, H. Clement, A. Di Vacri, J. Eberth, V. Egorov, G. Grigoriev, V. Gurentsov, K. Gusev, W. Hampel, G. Heusser, W. Hofmann, J. Jochum, M. Junker, J. Kiko, I.V. Kirpichnikov, A. Klimenko, K.T. Knöpfle, V.N. Kornoukhov, M. Laubenstein, V. Lebedev, X. Liu, I. Nemchenok, L. Pandola, V. Sandukovskiy, S. Schönert, S. Scholl, B. Schwingenheuer, H. Simgen, A. Smolnikov, A. Tikhomirov, A.A. Vasenko, S. Vasiliev, D. Weisshaar, E. Yanovich, J. Yurkowski, S. Zhukov, G. Zuzel
A new ^{76}Ge double beta decay experiment at LNGS
hep-ex/0404039 (2004)
25. K. Anderson et al.
White paper report on using nuclear reactors to search for a value of θ_{13}
hep-ex/0402041 (2004)
26. HEGRA Collaboration, N. Götting, G. Heinzelmann, W. Hofmann, D. Horns, D. Kranich, G. Pühlhofer, G. Rowell, M. Tluczykont, N. Tonello, V. Vitale,
HEGRA Contributions to the 28th International Cosmic Ray Conference
astro-ph/0307334 (2003)
27. A. Konopelko, W. Benbow, K. Bernlöhr, V. Chitnis, A. Djannati-Atai, J. Guy, W. Hofmann, I. Jung, N. Leroy, S. Nolan, J. Osborne, M. Punch, S. Schlenker
Study of the performance of a single stand-alone H.E.S.S. telescope: Monte Carlo simulations and data
Proc. 28th Int. Cosmic Ray Conf., Tsukuba (2003), Univ. Academy Press, Tokyo, p. 2903
28. R. Cornils, S. Gillessen, I. Jung, W. Hofmann, G. Heinzelmann, for the H.E.S.S. Collaboration
Mirror alignment and performance of the optical system of the H.E.S.S. imaging atmospheric Cherenkov telescopes
Proc. 28th Int. Cosmic Ray Conf., Tsukuba (2003), Univ. Academy Press, Tokyo, p. 2875
29. W. Hofmann, for the H.E.S.S. Collaboration
Status of the H.E.S.S. project
Proc. 28th Int. Cosmic Ray Conf., Tsukuba (2003), Univ. Academy Press, Tokyo, p. 2811
30. W. Hofmann, D. Horns, H. Lampeitl, for the HEGRA Collaboration
Search for TeV gamma-rays from the Andromeda galaxy and for supersymmetric dark matter in the core of M31
Proc. 28th Int. Cosmic Ray Conf., Tsukuba (2003), Univ. Academy Press, Tokyo, p. 1685

31. W. Hofmann
Blaue Blitze aus dem Kosmos
Wechselwirkung 25 (2003) 18
32. Die energiereichste Strahlung im Universum
W. Hofmann
Phys. in unserer Zeit 33 (2002) 60
33. R. Cornils, S. Gillessen, I. Jung, W. Hofmann, G. Heinzelmann
Mirror alignment and optical quality of the H.E.S.S. imaging atmospheric Cherenkov telescopes
Proc. Symposium "The Universe Viewed in Gamma-Rays" Kashiwa (2002) Eds. R. Enomoto, M. Mori, S. Yanagita, Univ. Academy Press, Tokyo, p. 403
34. W. Hofmann, for the H.E.S.S. collaboration
The H.E.S.S. project
Proc. Symposium "The Universe Viewed in Gamma-Rays" Kashiwa (2002) Eds. R. Enomoto, M. Mori, S. Yanagita, Univ. Academy Press, Tokyo, p. 357
35. N. van Bakel, M. VanBeuzekom, E. Jans, S. Klous, H. Verkooijen, D. Baumeister, W. Hofmann, K. T. Knöpfle, S. Löchner, M. Schmelling, E. Sexauer, M. Feuerstack-Raible, U. Trunk, N. Harnew, N. Smale
Performance of the Beetle readout chip for LHCb
Proc. 8th Workshop on Electronics for LHC Experiments, Colmar (2002), CERN/LHCC 2002-034
36. M. Döring, K. Bernlöhr, G. Hermann, W. Hofmann, H. Lampeitl
Measurement of the Cherenkov light spectrum and of the polarization with the HEGRA IACT system
Proc. 27th Int. Cosmic Ray Conference, Hamburg (2001), astro-ph/0107149
37. H. Lampeitl, K. Bernlöhr, A. Daum, W. Hofmann, A. Konopelko, G. Pühlhofer
Search for point sources and diffuse emission from the galactic plane with the HEGRA IACT system
Proc. 27th Int. Cosmic Ray Conference, Hamburg (2001)
38. W. Hofmann, G. Pühlhofer, HEGRA Collaboration
The size of the emission region of VHE gamma rays in the Crab Nebula
Proc. 27th Int. Cosmic Ray Conference, Hamburg (2001)
39. F. Lucarelli, A. Kohnle, A. Konopelko, H. Lampeitl, W. Hofmann
Observation of the Crab Nebula with the HEGRA system of IACTs using an advanced topological trigger
Proc. 27th Int. Cosmic Ray Conference, Hamburg (2001)
40. W. Hofmann, H.E.S.S. Collaboration
Status of the High Energy Stereoscopic System (H.E.S.S.) project
Proc. 27th Int. Cosmic Ray Conference, Hamburg (2001)

41. C. Chitu, W. Hofmann
High speed analog CMOS pipeline system for the recording of fast signals from Cherenkov telescopes
Proc. of the 4th World Multiconference on Circuits, Systems, Communications and Computers, Vouliagmeni, Greece (2000), and
Advances in Physics, Electronics and Signal Processing Applications, World Scientific and Engineering Society Press (2000) p. 98
42. W. Hofmann, H.E.S.S. collaboration
The High Energy Stereoscopic System (HESS) Project
Proc. GeV-TeV Gamma Ray Astrophysics Workshop, Snowbird 1999, Eds. B.L. Dingus, M.H. Salomon, D.B. Kieda, AIP Conf. Proc. 515 (2000) 500
43. N. Bulian, T. Hirsch, W. Hofmann, T. Kihm, A. Kohnle, M. Panter, M. Stein
A Cherenkov camera with integrated electronics based on the “smart pixel” concept
Proc. GeV-TeV Gamma Ray Astrophysics Workshop, Snowbird 1999, Eds. B.L. Dingus, M.H. Salomon, D.B. Kieda, AIP Conf. Proc. 515 (2000) 378
44. W. Hofmann, HEGRA collaboration
Experimental results on the optimum spacing of stereoscopic imaging atmospheric Cherenkov telescopes
Proc. GeV-TeV Gamma Ray Astrophysics Workshop, Snowbird 1999, Eds. B.L. Dingus, M.H. Salomon, D.B. Kieda, AIP Conf. Proc. 515 (2000) 333
45. H. Lampeitl, W. Hofmann, HEGRA collaboration
“Convergent observations” with the stereoscopic HEGRA CT system
Proc. GeV-TeV Gamma Ray Astrophysics Workshop, Snowbird 1999, Eds. B.L. Dingus, M.H. Salomon, D.B. Kieda, AIP Conf. Proc. 515 (2000) 328
46. W. Hofmann
Data analysis techniques for stereo IACT systems
Proc. GeV-TeV Gamma Ray Astrophysics Workshop, Snowbird 1999, Eds. B.L. Dingus, M.H. Salomon, D.B. Kieda, AIP Conf. Proc. 515 (2000) 318
47. A. Kohnle, G. Hermann, M. Hess, W. Hofmann, on behalf of the HEGRA Collaboration
Determination of gamma-ray shower characteristics using the HEGRA stereoscopic IACT system
Proc. of the 26th ICRC, Salt Lake City, 1999, Eds. D. Kieda, M. Salamon, B. Dingus, Vol. 5, 195
48. F. Aharonian, H. Hemberger, G. Hermann, W. Hofmann, J. Kettler, A. Kohnle, A. Konopelko, H. Krawczynski, H. Lampeitl, G. Pühlhofer, H.J. Völk, for the HEGRA Collaboration
TeV-characteristics of the BL Lac objects Mkn 501 and Mkn 421 as measured with the HEGRA stereoscopic system of imaging atmospheric Cherenkov telescopes
Proc. of the 26th ICRC, Salt Lake City, 1999, Eds. D. Kieda, M. Salamon, B. Dingus, Vol. 3, 350

49. M. Hemberger, F. Aharonian, W. Hofmann, A. Konopelko, H. Krawczynski, A. Plyasheshnikov, H.J. Völk, for the HEGRA Collaboration
The cosmic-ray proton spectrum as measured with the HEGRA system of imaging atmospheric Cherenkov telescopes
Proc. of the 26th ICRC, Salt Lake City, 1999, Eds. D. Kieda, M. Salamon, B. Dingus, Vol. 3, 175
50. LHCb Collaboration, S. Amato et al.
LHCb technical proposal
CERN-LHCC-98-4 (1998)
51. F.A. Aharonian, W. Hofmann, A.K. Konopelko, H.J. Völk
On the performance of ground based arrays of imaging atmospheric Cherenkov telescopes
Proc. of the 25th Int. Cosmic Ray Conference (ICRC), Durban, 1997, Eds. M.S. Potgieter, B.C. Raubenheimer & D.J. van der Walt , Vol. 5, p. 109
52. K. Bernlöhr, W. Hofmann, M. Panter, A. Daum
Changes of the cosmic ray mass composition at the knee
Proc. of the 25th Int. Cosmic Ray Conference (ICRC), Durban, 1997, Eds. M.S. Potgieter, B.C. Raubenheimer & D.J. van der Walt (Ed.), Vol. 4, p. 65
53. W. Hofmann
HESS - an array of imaging atmospheric Cherenkov telescopes for stereoscopic observation of air showers in the 100 GeV energy range
Proc. of the Workshop Towards a Major Atmospheric Cherenkov Detector - V, Kruger National Park, 1997, Ed. O.C. de Jager, p. 405
54. W. Hofmann
Measuring γ -ray energy spectra with the HEGRA IACT system
Proc. of the Workshop Towards a Major Atmospheric Cherenkov Detector - V, Kruger National Park, 1997, Ed. O.C. de Jager, p. 284
55. W. Fallot-Burghardt, W. Hofmann, K.T. Knöpfle, B. Schwingenheuer, E. Sexauer, U. Trunk, T. Beckmann, M. Cuje, F. Eisele, M. Feuerstack-Raible, B. Glass, A. Hölscher, U. Straumann, J. Kaplon
HELIX128S-2.1: design of a readout chip for the HERA-B microstrip detectors
Proc. 3rd Workshop on Electronics for LHC Experiments, London, England (1997)
56. U. Trunk, W. Fallot-Burghardt, B. Schwingenheuer, E. Sexauer, W. Hofmann, K.T. Knöpfle, T. Beckmann, M. Cuje, M. Feuerstack-Raible, B. Glass, A. Hölscher, F. Eisele, U. Straumann, J. Kaplon
Performance of HELIX128S-2.1: a readout chip for the HERA-B microstrip detectors
Proc. 3rd Workshop on Electronics for LHC Experiments, London, England (1997)
57. W. Hofmann
Future of charm and beauty physics at fixed-target facilities
Proc. of the Workshop on Heavy Quarks at Fixed Target, St. Goar, 1996

58. G. Hermann C. Köhler, T. Kutter, W. Hofmann
Triggering of imaging air Cerenkov telescopes: PMT trigger rates due to night sky photons
astro-ph/9508028 (1995)
59. W. Hofmann
HERA-B: An experiment to study CP violation in decays on B mesons using an internal target at the HERA proton ring
Proc. of the Int. Conf. on High Energy Physics, Glasgow, 1994, p. 1355
60. HERA-B Collaboration: T. Lohse, C. Hast. S. Issever, A. Kosche, H. Kolanoski, H. Thurn, D. Wegener, H. Albrecht, T. Hamacher, H. Kapitza, E. Michel, W. Reinsch, D. Rissing, H. Schröder, H.D. Schulz, A.S. Schwarz, P.J. Weyers, R. Wurth, A. Bulla, R. Eckmann, H. Kuipers, O. Mai, R. Reiner, A. Rohde, W. Schmidt-Parzefall, K. Ehret, W. Hofmann, K.T. Knöpfle, K. Riechmann, J. Rieling, M. Spahn, J. Spengler, F. Eisele, M. Feuerstack, T. Hott, M. Schnetz, J. Tutas, V.I. Aushev, A.N. Klipenstein, Yu.N. Pavlenko, V.M. Pugatch, N.M. Tkach, V.A. Zerkin, M. Cindro, S. Korpar, P. Krizan, A. Stanovnik, M. Staric, D. Skrk, M. Zavrtanik, S. Erhan, P. Kreuzer, M. Medinnis, P. Schlein, J.G. Zweisig, J. Gläss, R. Männer, A. Wurz, E. Hartouni, M. Kreisler, V. Balagura, I. Belyaev, M. Danilov, V. Gavrillov, Yu. Gershtein, A. Golutvin, F. Khasanov, V. Kochetkov, S. Kuleshov, E. Melnikov, A. Ostapuchuk, P. Pakhlov, V. Rusinov, S. Semenov, V. Semenov, S. Shulakov, A. Snizhko, A. Soldatov, I. Tichomirov, Yu. Zaitsev, S. Besfamilnov, B. Dolgoshein, S. Furtleov, S. Pavlenko, A. Romaniouk, V. Savelev, V. Sosnovtsev, V. Egorichev, R. Schwitters, G. Bohm. U. Gensch, H. Leich, R. Mankel, S. Nowak, A. Pose, M. Walter, P. Wegner
HERA-B: An experiment to study CP violation in the B system using an internal target at the HERA proton ring – Proposal DESY-PRC 94/02 (1994)
61. R. Harr, C. Biino, G. Borreani, S. Erhan, W. Hofmann, P. Karchin, P. Kreuzer, C. Liapis, D. Lynn, M. Medinnis, S. Palestini, L. Pesando, M. Punturo, P. Schlein, B. Wilkens, J. Zweizig
Tracking detector alignment using constrained vertex fits
IEEE Trans. Nucl. Sci. 41 (1994) 796
62. H. Albrecht, H. Kapitza, O. Mai, H. Schröder, H.D. Schulz, R. Wurth, H. Kolanoski, R. Mankel, B. Spaan, D. Wegener, R. Mundt, T. Oest, R. Reiner, W. Schmidt-Parzefall, W. Hofmann, S. Khan, K.T. Knöpfle, T. Lohse, M. Seeger, M. Spahn, J. Spengler, V. Pugatch, V. Cindro, G. Kernel, P. Krizan, E. Kriznic, M. Staric, J. Gläß, F. Klefenz, R. Männer, A. Wurz, I. Belyaev, M. Danilov, Yu. Gershtein, F. Khasanov, S. Semenov, A. Snijko, I. Tichomirov, Yu. Zaitsev, G. Bohm, S. Nowak, M. Walter
An experiment to study CP violation in the B system using an internal target at the HERA proton ring – Progress Report
DESY-PRC 93/04 (1993)
63. H. Albrecht, G. Bohm, H. Ehrlichmann, E. Michel, H. Nowak, S. Nowak, M. Reidenbach, W. Reinsch, H. Schröder, H.D. Schulz, M. Walter, R. Wurth, K. Balewski, B. Dwersteg, A. Febel, A. Gamp, G. Hemmie, S. Herb, J. Rummler,

- H. Hartwig, G. Jacobs, J.P. Jensen, H. Kaiser, J. Kouptsidis, D. Kramer, M. Marx, G. Meyer, H. Musfeld, H. Narciss, B. Oentrich, S. Patzold, A. Oiwinski, D. Proch, J. Sekutowicz, K. Sinram, H. Wumpelmann, F. Willeke, H. Kolanoski, R. Mankel, B. Spaan, D. Wegener, W. Schmidt-Parzefall, R. Hanke, J. Stiewe, S. Ball, C. Geyer, W. Hofmann, B. Holzer, E. Jaeschke, S. Khan, K.T. Knöpfle, M. Spahn, J. Spengler, P. Grosse-Wiesmann, K. Strahl, V. Cindro, G. Kernel, S. Korpar, P. Krizan, E. Kriznic, A. Stanovnik, M. Staric, M. Danilov, A. Droutskoy, B. Forminykh, M. Danilov, A. Nepeipivo, A. Rostovtsev, I. Tikhomirov, Yu. Zaitsev, R. Kotthaus, E. Lorenz, G. Wormser, H. Kapitza, J. Chaveau, R. Aleksan, R. Horisberger
HELENA: A beauty factory in Hamburg
DESY 92-041 (1992)
64. H. Albrecht, H. Kapitza, O. Mai, H. Schröder, H.D. Schulz, R. Wurth, H. Kolanoski, R. Mankel, B. Spaan, R. Mundt, T. Oest, R. Reiner, W. Schmidt-Parzefall, W. Hofmann, S. Khan, K.T. Knöpfle, T. Lohse, M. Seeger, M. Spahn, J. Spengler, V. Pugatch, V. Cindro, G. Kernel, P. Krizan, E. Kriznic, M. Staric, R. Männer, F. Klefenz, I. Belyaev, M. Danilov, Yu. Gershtein, F. Khasanov, S. Semenov, A. Snijko, I. Tikhomirov, Yu. Zaitsev, G. Bohm, S. Nowak, M. Walter
An experiment to study CP violation in the B system using an internal target at the HERA proton ring – Letter of Intent
DESY-PRC 92/04 (1992)
65. J. Heintze, P. Lennert, S. Polenz, B. Schmidt, J. Spitzer, B. Stadler, S. Gamp, W. Hofmann, B. Povh, C. Wiedner
The Heidelberg cosmic ray tracking project: aims and status
Nucl. Phys. Proc. Suppl. 14A (1990) 148
66. J. Heintze, P. Lennert, S. Polenz, B. Schmidt, J. Spitzer, W. Brückner, W. Hofmann, B. Povh
Measuring the chemical composition of cosmic rays at $\sim 10^{13} - 10^{15}$ eV utilizing the solar and geomagnetic fields
MPI H-1989-V7 (1989)
67. W. Hofmann
Measurement of interference effects in jet fragmentation
Proc. of the XXIV Int. Conf. High Energy Physics, München, 1988, p. 1042
68. W. Hofmann
Evidence (?) for diquarks in high-energy e^+e^- annihilation
Proc. of the Conf. on Diquarks, Turin 1988, p. 235
69. TPC/Two Gamma Collaboration, H. Aihara et al.
Charged hadron production in e^+e^- annihilation at $\sqrt{s} = 29$ GeV
LBL 23737 (1988)
70. W. Hofmann
Jet physics at PEP and PETRA
Proc. of the SLAC Summer Inst. on Particle Physics, 1987, SLAC-328 (1987) 551 and LBL-24086 (1987)

71. W. Hofmann
The Physics of Jets
Proc. of the Int. Symp. on Lepton and Photon Interactions at High Energies, Hamburg, 1987, p. 671 and LBL-23922 (1987)
72. W. Hofmann
A fresh look at Bose-Einstein correlations
Proc. of the Workshop on Electronuclear Physics with Internal Targets, Stanford CA, Jan. 1987 and LBL-23108 (1987)
73. W. Hofmann
Comparison of $q\bar{q}g$ and $q\bar{q}\gamma$ events in e^+e^- annihilation at PEP
Proc. of the XXIII Int. Conf. on High Energy Physics, Berkeley, CA, 1986, p. 1093, and LBL-21920 (1986)
74. W. Hofmann
Heavy quark physics at PEP: The future
Proc. of the Int. Symp. on Production and Decay of Heavy Hadrons, Heidelberg (1986), p. 426
75. W. Hofmann
The investigation of parton fragmentation with the TPC detector at PEP: recent results
Proc. of the Int. Symp. on Multiparticle Dynamics, Kiryat Anavim, 1985, p. 635 and LBL-20117 (1985)
76. C. Buchanan, B. Andersson, P. Baringer, H.-U. Bengtsson, M. Derrick, J.W. Gary, J. Hauptman, W. Hofmann, P. Kooijman, P. Oddone, M. Shapiro, K. Sugano, H. Yamamoto
Hadronization dynamics at HILUM PEP: Studies of the behavior of the fields between partons
Proc. of the Workshop on e^+e^- Physics at High Luminosities, Stanford, SLAC-283 (1985) 134
77. W. Hofmann, I.I. Bigi, E. Bloom, A. Fridman, D. Groom, R.S. Panvini, A.I. Sanda, M.D. Shapiro
 B physics
Proc. of the Workshop on e^+e^- Physics at High Luminosities, Stanford, SLAC-283 (1985) 37
78. W. Hofmann
Hadron production in e^+e^- annihilation at PEP
Proc. of the Symp. on High Energy e^+e^- Interactions, Nashville, 1984, p. 329 and LBL-17845 (1984)
79. W. Hofmann
Recent results from the PEP4-TPC on quark fragmentation
Proc. of the SLAC Summer Institute on Particle Physics, SLAC-267 (1983) and LBL-16953 (1983)

80. H. Hasemann et al.
ARGUS: A new detector for DORIS
Proposal DESY F1/Pro 148
81. W. Hofmann
Quantum number correlations in high- p_T events
Proc. of the Workshop on Large Transverse Momentum Phenomena, Bielefeld, Bi-Tp-77-39 (1977)
82. W. Hofmann
Ladungs und Transversalimpulskorrelationen in Proton-Proton Wechselwirkungen bei sehr hohen Energien
KFK-Bericht KFK 2489 (1977)
83. W. Hofmann
Ein Flüssig-Argon-Ionisationskalorimeter zum Nachweis elektromagnetischer und hadronischer Schauer
KFK-Bericht KFK-Ext. 3/74-10 (1974)

Book

W. Hofmann

Jets of Hadrons

Springer Tracts in Modern Physics, Vol. 90 (1981)