

Papers by JADE 1979-1991

1. **“Measurement and analysis of the reaction $\gamma\gamma \rightarrow 3\pi^+ 3\pi^-$ ”**
R. Pust *et al.* [JADE Collaboration]
Z. Phys. C **51**, 531 (1991)
2. **“A Comparison Of Measured Jet Cross-Sections With QCD Calculations For e^+e^- Annihilation”**
N. Magnussen *et al.* [JADE Collaboration]
Z. Phys. C **49**, 29 (1991)
3. **“A Measurement of the average lifetime of B hadrons produced by e^+e^- collisions at $\sqrt{s} = 36.3\text{-GeV}$ ”**
J. Hagemann *et al.* [JADE Collaboration]
Z. Phys. C **48**, 401 (1990)
4. **“Measurement of two photon production of ρ^0 ω ”**
A. Wegner *et al.* [JADE Collaboration]
Z. Phys. C **48**, 393 (1990)
5. **“MEASUREMENT OF RESONANCE PRODUCTIONS IN THE REACTIONS $\gamma\gamma \rightarrow \pi^0\pi^0$ AND $\gamma\gamma \rightarrow \pi^0\eta$ ”**
T. Oest *et al.* [JADE Collaboration]
Z. Phys. C **47**, 343 (1990)
6. **“FINAL RESULTS ON MU AND TAU PAIR PRODUCTION BY THE JADE COLLABORATION AT PETRA”**
S. Hegner *et al.* [JADE Collaboration]
Z. Phys. C **46**, 547 (1990)
7. **“A Study of Photon Production in Hadronic Events from e^+e^- Annihilation”**
D. Pitzl *et al.* [JADE Collaboration]
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8. **“A Measurement Of The Weak Axial Couplings Of The B And C Quark”**
E. Elsen *et al.* [JADE Collaboration]
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9. **“A Measurement Of The Charmed Quark Asymmetry In e^+e^- Annihilation”**
F. Ould-Saada *et al.* [JADE Collaboration]
Z. Phys. C **44**, 567 (1989)
10. **“A MEASUREMENT OF THE CHARGE ASYMMETRY OF HADRONIC EVENTS IN ELECTRON POSITRON ANNIHILATION”**
T. Greenshaw *et al.* [JADE Collaboration]
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11. **“Observation Of Spin 1 Resonance Formation In The Final State $K^+K^-\pi^0$ Produced In Tagged Two Photon Collisions”**
P. Hill *et al.* [JADE Collaboration]
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12. **“A MEASUREMENT OF THE τ LEPTON LIFETIME”**
C. Kleinwort *et al.* [JADE Collaboration]
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13. **“Experimental Investigation of the Energy Dependence of the Strong Coupling Strength”**
S. Bethke *et al.* [JADE Collaboration]
Phys. Lett. B **213**, 235 (1988)
14. **“COMPARISON OF THE PARTICLE FLOW IN q anti- q γ AND q anti- q g EVENTS FROM $e^+ e^-$ ANNIHILATIONS AT PETRA”**
F. Ould Saada *et al.* [JADE Collaboration]
Z. Phys. C **39**, 1 (1988)
15. **“SEARCH FOR LEPTOQUARKS AND OTHER NEW PARTICLES WITH LEPTON - HADRON SIGNATURE IN $e^+ e^-$ INTERACTIONS”**
W. Bartel *et al.* [JADE Collaboration]
Z. Phys. C **36**, 15 (1987)
16. **“DETERMINATION OF SEMIMUONIC BRANCHING RATIOS AND FRAGMENTATION FUNCTIONS OF HEAVY QUARKS IN $e^+ e^-$ ANNIHILATION AT $s^{**}(1.2) = 34.6\text{-GeV}$ ”**
W. Bartel *et al.* [JADE Collaboration]
Z. Phys. C **33**, 339 (1987)
17. **“OBSERVATION OF CHARMED MESONS IN PHOTON-PHOTON COLLISIONS”**
W. Bartel *et al.* [JADE Collaboration]
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18. **“MEASUREMENT OF THE BRANCHING FRACTIONS FOR $\tau \rightarrow e$ electron-neutrino τ -neutrino, $\tau \rightarrow \mu$ muon-neutrino τ -neutrino AND $\tau \rightarrow \pi$ τ -neutrino”**
W. Bartel *et al.* [JADE Collaboration]
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19. **“Experimental Studies on Multi-Jet Production in $e^+ e^-$ Annihilation at PETRA Energies”**
W. Bartel *et al.* [JADE Collaboration]
Z. Phys. C **33**, 23 (1986)
20. **“EXCLUSIVE PRODUCTION OF PROTON ANTI-PROTON PAIRS IN PHOTON-PHOTON COLLISIONS”**
W. Bartel *et al.* [JADE Collaboration]
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21. **“Determination Of The B Lifetime”**
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Z. Phys. C **31**, 349 (1986)
22. **“Lepton Pair Production In Double Tagged Two Photon Interactions”**
W. Bartel *et al.* [JADE Collaboration]
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23. **“Tests Of The Standard Model In Leptonic Reactions At Petra Energies”**
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24. **“A Measurement Of The Mean Semimuonic Branching Ratio Of B Hadrons Produced At Petra”**
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25. **“Inclusive Neutral D^* Production And Limits On F^* Production In $E^+ E^-$ Annihilation At Petra”**
W. Bartel *et al.* [JADE Collaboration]
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26. **“Evidence For Iota Production In High-Energy E+ E- Annihilation”**
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27. **“Tau Lepton Production And Decay At Petra Energies”**
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28. **“A Measurement Of The Total Cross-Section And A Study Of Inclusive Muon Production For The Process E+ E- → Hadrons In The Energy Range Between 39.79-GeV And 46.78-GeV”**
W. Bartel *et al.* [JADE Collaboration]
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29. **“A Search For The Supersymmetric Chargino In E+ E- Annihilation At Petra”**
W. Bartel *et al.* [JADE Collaboration]
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30. **“Comparison Of Three Jet Events With QCD Shower Models”**
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31. **“A Measurement Of The Eta Radiative Width Gamma Eta → Gamma Gamma”**
W. Bartel *et al.* [JADE Collaboration]
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32. **“A Study Of Photon Production In Hadronic E+ E- Annihilation”**
W. Bartel *et al.* [JADE Collaboration]
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33. **“A Search For Monojet Events Produced By Virtual Z0 Bosons In E+ E- Annihilation At Petra”**
W. Bartel *et al.* [JADE Collaboration]
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34. **“Search For Scalar Muons”**
W. Bartel *et al.* [JADE Collaboration]
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35. **“Search For Supersymmetric Partners Of Electrons”**
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36. **“New Results On E+ E- → Mu+ Mu- From The Jade Detector At Petra”**
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37. **“Inclusive Production Of Vector Mesons Rho0 And K*+- In E+ E- Annihilation At = 35-GeV”**
W. Bartel *et al.* [JADE Collaboration]
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38. **“A Measurement Of The Electroweak Induced Charge Asymmetry In E+ E- → B Anti-B”**
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40. **“Measurements Of Energy Correlations In $E^+ E^- \rightarrow$ Hadrons”**
W. Bartel *et al.* [JADE Collaboration]
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41. **“Observation Of Radiative $E^+ E^-$ Annihilation Into $\mu \mu \gamma$ And $\mu \mu \gamma \gamma$ ”**
W. Bartel *et al.* [JADE Collaboration]
Z. Phys. C **24**, 223 (1984)
42. **“Experimental Study Of The Photon Structure Function $F(2)$ At Q^{*2} From 10-GeV *2 To 220-GeV *2 ”**
W. Bartel *et al.* [JADE Collaboration]
Z. Phys. C **24**, 231 (1984)
43. **“A Search For The Supersymmetric Partner Of The Z^0 In $E^+ E^-$ Annihilation At Petra”**
W. Bartel *et al.* [JADE Collaboration]
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44. **“A Search For Massive Photinos At Petra”**
W. Bartel *et al.* [JADE Collaboration]
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45. **“A Search For Flavor Changing Neutral Currents In B Decay At Petra”**
W. Bartel *et al.* [JADE Collaboration]
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46. **“Test Of Fragmentation Models By Comparison With Three Jet Events Produced In $E^+ E^- \rightarrow$ Hadrons”**
W. Bartel *et al.* [JADE Collaboration]
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47. **“Particle Distribution In Three Jet Events Produced By $E^+ E^-$ Annihilation”**
W. Bartel *et al.* [JADE Collaboration]
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48. **“Observation Of Inclusive Eta Production In $E^+ E^-$ Annihilation At Cm Energies Of 34-GeV”**
W. Bartel *et al.* [JADE Collaboration]
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49. **“Measurement Of The Processes $E^+ E^- \rightarrow E^+ E^-$ And $E^+ E^- \rightarrow \gamma \gamma$ At Petra”**
W. Bartel *et al.* [JADE Collaboration]
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50. **“Precise Measurement Of Total Cross-Sections For The Process $E^+ E^- \rightarrow$ Multi-Hadrons In The Center-Of-Mass Energy Range Between 12.0-GeV And 36.4-GeV”**
W. Bartel *et al.* [JADE Collaboration]
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51. **“Charged Particle And Neutral Kaon Production In $E^+ E^-$ Annihilation At Petra”**
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52. **“A Search For Heavy Leptons At Petra”**
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53. **“Experimental Evidence For Differences In $P(T)$ Between Quark Jets And Gluon Jets”**
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56. **“A Search For Charged Scalar Particles Pair Produced In $E^+ E^-$ Annihilation”**
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57. **“Upper Limit On Beauty Lifetime And Lower Limit On Weak Mixing Angles”**
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58. **“Observation Of Four - Jet Structure In $E^+ E^-$ Annihilation At $S^{*(1/2)} = 33\text{-GeV}$ ”**
W. Bartel *et al.* [JADE Collaboration]
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59. **“A Measurement Of The Reaction $E^+ E^- \rightarrow E^+ E^- \text{Eta-Prime}$ And The Radiative Width $\text{Gamma}(\text{Eta-Prime} \rightarrow \text{Gamma Gamma})$ At Petra”**
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60. **“Observation Of A Charge Asymmetry In $E^+ E^- \rightarrow \text{Mu}^+ \text{Mu}^-$ ”**
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61. **“Observation Of High $P(T)$ Jets In Two Photon Interactions”**
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62. **“Baryon Production In $E^+ E^-$ Annihilation At Petra”**
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63. **“Energy Carried By Gamma Rays And Neutral Particles In Multi - Hadron Final States At Petra”**
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64. **“A Determination Of Quark Weak Couplings At Petra Energies”**
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67. **“Experimental Limits On The Strength Of Weak Neutral Currents In Lepton Pair Production At Petra Energies”**
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69. **“Search For Fractional Charge And Heavy Stable Particles At Petra”**
W. Bartel *et al.* [JADE Collaboration]
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70. **“Results From Jade”**
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71. **“Test Of Quantum Electrodynamics At Petra”**
W. Bartel *et al.* [JADE Collaboration]
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72. **“Search For Narrow Resonances In E+ E- Annihilation At C.M. Energies Between 29.90-
Gev And 31.46-Gev”**
W. Bartel *et al.* [JADE Collaboration]
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73. **“Observation Of Planar Three Jet Events In E+ E- Annihilation And Evidence For Gluon
Bremsstrahlung”**
W. Bartel *et al.* [JADE Collaboration]
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75. **“Total Cross-Section For Hadron Production By E+ E- Annihilation At Petra Energies”**
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