

CV Emmanuel Fokitis

1. General

Title: Professor of Physics

Contact Details:

Emmanuel Fokitis , Professor -
Heroon Polytechniou 9 street
Zografos Campus, ATHENS 15780
Greece
Phone at work: 0030 210 772 3014 -
Fax : 0030 210 772 3025
Mobile 0030 6972324923 -
e-mail : fokitis@central.ntua.gr -
www.central.ntua.gr/auger
Skype: fokitsemmanuel -

Degrees : PhD in Physics University of Notre Dame , Jan. 1976.

Graduate Courses taught:

- Methods of Spectroscopy and Scattering years 2003-2005
- Microsensors and Nanosensors, years 2003-2010

Supervision of PhD students . He supervised as main advisor 3 PhD students

2.0 Research activities

1) In the years 1970-1975, activity in experiments at Fermilab Accelerator Lab (FNAL) in proton-proton and π^+P collisions

2) Participation in experiment at CERN : Anihilations $\bar{P} P$ at 7.3 Gev/c (1976-1979

3) Experiments at the Intersecting Storage Ring accelerator (ISR) of CERN (1976-1981)

4) Experiments at SPS of CERN.

Exeriment NA14 , *Photoproduction experiment at High Energies at the SPS Accelerator at CERN.*

, and NA14', *Charm Photoproduction experiment at High Energies at the SPS Accelerator at CERN.*

5) Participation at experiments at LEP accelerator of CERN:

1987-2001 where he worked at DELPHI experiment

3. Coordination of Research Programs

3.1 1995- 1999 Represented NTUA to EPET II funded project. Title : X-ray powder diffractometer, with high speed and spatial resolution based on silicon technology.

3.2 1995- 1998 Program PAVE (IIABE) 1994, funded by GSRT . Title : Applications of Optical Technology on Ophthalmic Lenses and Scientific Instruments.

3.3 Pierre Auger Project from 1996 to 2005

**3.4 Program PENED03 funded by GSRT .
Title:** Techniques for Precision Measurements in Ultra High Energy Cosmic Rays using Extensive Air Showers – Interactions with Earth Magnetic Field.

3.5 Program Pythagoras II of Ministry of Education
Title : Study of Ultra High Energy Cosmic Rays : Modern Experimental Techniques in the Electronics of Ground Detectors via participation in the Pierre Auger Observatory.

3.6 Research Program in Applied ENTER of
Title:

Research and Development for prototype sources for general lighting: Ne materials for development of efficient and environmentally friendly electrical discharges, and study of operational modes and parameter space for lamps including a variety of active media such as Hg, Xe and N₂.

3.7 Funded by GSRT Title: «Experimental Study of Materials for Solar Thermal Energy Systems» (Program PROPE-86)

4. Publication List

(Easy access via SPIRES : <http://www.slac.stanford.edu/spires/hep/>
and then : FIND A fokitis, E) (This data base does not include all published work)

1) MEASUREMENT AND INTERPRETATION OF FERMION-PAIR PRODUCTION AT LEP ENERGIES ABOVE THE Z RESONANCE.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2005-045, Oct 2005. 79pp.
Dedicated to the memory of Alan Segar.
Submitted to Eur.Phys.J.C
e-Print Archive: [hep-ex/0512012](http://arXiv.org/abs/hep-ex/0512012)

2) CHARGED PARTICLE MULTIPLICITY IN THREE-JET EVENTS AND TWO-GLUON SYSTEMS.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-PH-2005-019, May 2005. 37pp.
Published in **Eur.Phys.J.C44:311-331,2005**

3) DETERMINATION OF HEAVY QUARK NON-PERTURBATIVE PARAMETERS FROM SPECTRAL MOMENTS IN SEMILEPTONIC B DECAYS.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-PH-2005-015, Mar 2005. 44pp.
Published in **Eur.Phys.J.C45:35-59,2006**

4) Production of Ξ_c^0 and Ξ in Z decays and lifetime measurement of Ξ_b

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2004-068, Sep 2005. 21pp.
Published in **Eur.Phys.J.C44:299-309,2005**

5) BOSE-EINSTEIN CORRELATIONS IN W+ W- EVENTS AT LEP2.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2004-072, Dec 2004. 22pp.
Published in **Eur.Phys.J.C44:161-174,2005**

6) THE PHOTOMULTIPLIER TUBES IN THE LIGHT SENSOR OF AN ORBITAL DETECTOR FOR STUDYING THE FLUORESCENT RADIATION OF EXTENSIVE AIR SHOWERS.

By G.K. Garipov, B.A. Khrenov (Moscow State U.), B.K. Lubsandorzhev (Moscow, INR), S.A. Belyanchenko, V.A. Smolitsky, U. Salazar (Puebla U., Mexico), E. Fokitis (Natl. Tech. U., Athens),. 2005. 4pp.
Published in **Instrum.Exp.Tech.48:92-95,2005, Prib.Tekh.Eksp.48N1:108-111,2005**

7) DETERMINATION OF A_{FB}^b AT THE Z POLE USING INCLUSIVE CHARGE RECONSTRUCTION AND LIFETIME TAGGING.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2004-062, Dec 2004. 49pp.
Published in **Eur.Phys.J.C40:1-25,2005**

8) COHERENT SOFT PARTICLE PRODUCTION IN Z DECAYS INTO THREE JETS.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2004-018, May 2004. 14pp.
Published in **Phys.Lett.B605:37-48,2005** Also in *Strbske Pleso 2004, Deep inelastic scattering* 698-701

9) MEASUREMENT OF THE ENERGY DEPENDENCE OF HADRONIC JET RATES AND THE STRONG COUPLING ALPHA(S) FROM THE FOUR-JET RATE WITH THE DELPHI DETECTOR AT LEP.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2004-036, Apr 2004. 27pp.
Published in **Eur.Phys.J.C38:413-426,2005**

10) HIGH PERFORMANCE MULTILAYER NOTCH OPTICAL FILTERS FOR HIGH ENERGY DETECTOR APPLICATIONS AND THEIR COATING PROCESS CONTROL.

By S. Maltezos, E. Fokitis, D. Kouzis-Loukas, R. Liarokapi (Natl. Tech. U., Athens),. Oct 2003.
Prepared for 8th International Conference on Advanced Technology and Particle Physics (ICATPP 2003): Astroparticle, Particle, Space Physics, Detectors and Medical Physics

Applications, Como, Italy, 6-10 Oct 2003.
Published in *Como 2003, Astroparticle, particles and space physics,
Published in World Scientific e Proceedings, Electronically and in Print

11) SEARCHES FOR NEUTRAL HIGGS BOSONS IN EXTENDED MODELS.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-061, Jun 2004. 48pp.
Published in **Eur.Phys.J.C38:1-28,2004**

12) DETERMINATION OF THE $E^+ E^- \rightarrow \text{GAMMA GAMMA (GAMMA)}$ CROSS-SECTION AT LEP 2.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2004-017, Apr 2004. 24pp.
Published in **Eur.Phys.J.C37:405-419,2004**

13) A PRECISE MEASUREMENT OF THE TAU LIFETIME.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-070, Jul 2003. 27pp.
Published in **Eur.Phys.J.C36:283-296,2004**

14) A NOVEL APPROACH IN DETECTING THE UHECR USING EAS TELESCOPES NOTCH OPTICAL FILTERS COMBINING OPTIMUM SENSITIVITY FOR CHERENKOV AND FLUORESCENCE CONTRIBUTIONS.

By S. Maltezos, E. Fokitis, P.G. Moyssides, A. Geranios, R. Liarokapi, K. Patrinos (Natl. Tech. U., Athens & Athens U.),. Jul 2003. 4pp.
Prepared for 28th International Cosmic Ray Conferences (ICRC 2003), Tsukuba, Japan, 31 Jul - 7 Aug 2003.
Published in *Tsukuba 2003, Cosmic ray* 899-902

15) SYSTEMATIC CALCULATION OF THE EFFICIENCY OF THE FLUORESCENCE DETECTOR USING APPROPRIATE EAS SIMULATIONS.

By A. Geranios, E. Fokitis, S. Maltezos, K. Patrinos, A. Dimopoulos (Athens U. & Natl. Tech. U., Athens),. Jul 2003. 4pp.
Prepared for 28th International Cosmic Ray Conferences (ICRC 2003), Tsukuba, Japan, 31 Jul - 7 Aug 2003.
Published in *Tsukuba 2003, Cosmic ray* 635-638

16) PHOTON EVENTS WITH MISSING ENERGY IN $E^+ E^-$ COLLISIONS AT $\sqrt{s} = 130\text{-}209\text{-GEV}$.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-093, Dec 2003. 33pp.
Published in **Eur.Phys.J.C38:395-411,2005**

17) EXTENSIVE PERFORMANCE STUDIES FOR THE ATLAS BIS-MDT PRECISION MUON CHAMBERS WITH COSMIC RAYS.

T. Alexopoulos *et al.*. 2003. 6pp.
Published in **IEEE Trans.Nucl.Sci.50:2420-2425,2003**

18) SEARCH FOR FERMIPHOBIC HIGGS BOSONS IN FINAL STATES WITH PHOTONS AT LEP 2.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-087, Dec 2003. 24pp.
Published in **Eur.Phys.J.C35:313-324,2004**
e-Print Archive: [hep-ex/0406012](https://arxiv.org/abs/hep-ex/0406012)

19) THE MEASUREMENT OF $\alpha(s)$ FROM EVENT SHAPES WITH THE DELPHI DETECTOR AT THE HIGHEST LEP ENERGIES.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2004-007, Jan 2004. 38pp.
Published in **Eur.Phys.J.C37:1-23,2004**

20) STUDY OF TAU-PAIR PRODUCTION IN PHOTON-PHOTON COLLISIONS AT LEP AND LIMITS ON THE ANOMALOUS ELECTROMAGNETIC MOMENTS OF THE TAU LEPTON.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-058, Sep 2003. 20pp.

Published in **Eur.Phys.J.C35:159-170,2004**

**21) SEARCH FOR SUPERSYMMETRIC PARTICLES ASSUMING R-PARITY
NONCONSERVATION IN E+ E- COLLISIONS AT $S^{**}(1/2) = 192\text{-GEV TO } 208\text{-GEV}$.**

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-092, Sep 2003. 42pp.
Published in **Eur.Phys.J.C36:1-23,2004, Eur.Phys.J.C37:129-131,2004**

**22) MULTILAYER FILTERS FOR EXTENDING THE DUTY CYCLE OF OPTICAL
TELESCOPES IN THE HIGHEST ENERGY COSMIC RAY EXPERIMENTS.**

By S. Maltezos, E. Fokitis, P. Moyssides (Natl. Tech. U., Athens), A. Geranios (Athens U.),
2003. 7pp.

Prepared for 8th Topical Seminar on Innovative Particle and Radiation Detectors, Siena, Italy,
21-24 Oct 2002.

Published in **Nucl.Phys.Proc.Suppl.125:313-319,2003** Also in *Siena 2002, Innovative
particle and radiation detectors* 313-319

23) SEARCH FOR SINGLE TOP PRODUCTION VIA FCNC AT LEP AT $S^{}(1/2) = 189\text{-GEV TO } 208\text{-GEV}$.**

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-066, Sep 2003. 18pp.
Published in **Phys.Lett.B590:21-34,2004**

**24) SEARCH FOR B0(S) - ANTI-B0(S) OSCILLATIONS IN DELPHI USING HIGH-P(T)
LEPTONS.**

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-089, Oct 2003. 36pp.
Published in **Eur.Phys.J.C35:35-52,2004**

**25) SEARCH FOR CHARGED HIGGS BOSONS AT LEP IN GENERAL TWO HIGGS
DOUBLET MODELS.**

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-064, Sep 2003. 42pp.
Published in **Eur.Phys.J.C34:399-418,2004**

26) SEARCH FOR SUSY IN THE AMSB SCENARIO WITH THE DELPHI DETECTOR.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-048, Jul 2003. 19pp.
Published in **Eur.Phys.J.C34:145-156,2004**

**27) MEASUREMENT OF THE FORWARD BACKWARD ASYMMETRIES OF E+ E- ----> Z ---
> B ANTI-B AND E+ E- ----> Z -> C ANTI-C USING PROMPT LEPTONS.**

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-083, Oct 2003. 25pp.
Published in **Eur.Phys.J.C34:109-125,2004**

28) MEASUREMENT OF THE LAMBDA0(B) DECAY FORM-FACTOR.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-056, Apr 2003. 22pp.
Published in **Phys.Lett.B585:63-84,2004**

**29) A PRECISE MEASUREMENT OF THE B+, B0 AND MEAN B HADRON LIFETIME
WITH THE DELPHI DETECTOR AT LEP1.**

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-065, May 2003. 30pp.
Published in **Eur.Phys.J.C33:307-324,2004**

**30) MEASUREMENT OF $|V(CB)|$ USING THE SEMILEPTONIC DECAY ANTI-B0(D) ---->
D*+ L- ANTI-NU(L).**

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-057, Jan 2004. 33pp.
Published in **Eur.Phys.J.C33:213-232,2004**

**31) SEARCHES FOR INVISIBLY DECAYING HIGGS BOSONS WITH THE DELPHI
DETECTOR AT LEP.**

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-046, Jun 2003. 33pp.
Published in **Eur.Phys.J.C32:475-492,2004**

- 32) **MEASUREMENT OF THE W PAIR PRODUCTION CROSS-SECTION AND W BRANCHING RATIOS IN E+ E- COLLISIONS AT $S^{**}(1/2) = 161\text{-GEV TO } 209\text{-GEV}$.**
By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-071, Nov 2003. 33pp.
Published in **Eur.Phys.J.C34:127-144,2004**
- 33) **SEARCHES FOR SUPERSYMMETRIC PARTICLES IN E+ E- COLLISIONS UP TO 208-GEV AND INTERPRETATION OF THE RESULTS WITHIN THE MSSM.**
By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-007, Jul 2003. 103pp.
Published in **Eur.Phys.J.C31:421-479,2004**
- 34) **A MEASUREMENT OF THE BRANCHING FRACTIONS OF THE B QUARK INTO CHARGED AND NEUTRAL B HADRONS.**
By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-044, Apr 2003. 14pp.
Published in **Phys.Lett.B576:29-42,2003**
- 35) **MEASUREMENT OF THE E+ E- \rightarrow W+ W- GAMMA CROSS-SECTION AND LIMITS ON ANOMALOUS QUARTIC GAUGE COUPLINGS WITH DELPHI.**
By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-045, Aug 2003. 14pp.
Published in **Eur.Phys.J.C31:139-147,2003**
- 36) **B TAGGING IN DELPHI AT LEP.**
By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2002-088, Oct 2002. 50pp.
Published in **Eur.Phys.J.C32:185-208,2004**
- 37) **THE ETA(C)(2980) FORMATION IN TWO PHOTON COLLISIONS AT LEP ENERGIES.**
By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-035, May 2003. 12pp.
Published in **Eur.Phys.J.C31:481-489,2003**
- 38) **MEASUREMENT OF INCLUSIVE F(1)(1285) AND F(1)(1420) PRODUCTION IN Z DECAYS WITH THE DELPHI DETECTOR.**
By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-027, Apr 2003. 14pp.
Published in **Phys.Lett.B569:129-139,2003**
- 39) **ZZ PRODUCTION IN E+ E- INTERACTIONS AT $S^{**}(1/2) = 183\text{-GEV TO } 209\text{-GEV}$.**
By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-009, Feb 2003. 35pp.
Published in **Eur.Phys.J.C30:447-466,2003**
- 40) **STUDY OF INCLUSIVE J / PSI PRODUCTION IN TWO PHOTON COLLISIONS AT LEP-2 WITH THE DELPHI DETECTOR.**
By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-015, Apr 2003. 13pp.
Published in **Phys.Lett.B565:76-86,2003**
- 41) **A STUDY OF THE ENERGY EVOLUTION OF EVENT SHAPE DISTRIBUTIONS AND THEIR MEANS WITH THE DELPHI DETECTOR AT LEP.**
By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2002-082, Feb 2003. 41pp.
Published in **Eur.Phys.J.C29:285-312,2003**
- 42) **SEARCH FOR THE STANDARD MODEL HIGGS BOSON AT LEP.**
By LEP Working Group for Higgs boson searches and ALEPH Collaboration and DELPHI Collaboration and L3 Collaboration and OPAL Collaboration (R. Barate *et al.*). CERN-EP-2003-011, Mar 2003. 23pp. Published in **Phys.Lett.B565:61-75,2003**

43) SEARCH FOR RESONANT SNEUTRINO PRODUCTION AT $S^{*1/2} = 183\text{-GEV TO } 208\text{-GEV}$.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2002-090, Dec 2002. 19pp.
Published in **Eur.Phys.J.C28:15-26,2003**

44) INCLUSIVE B DECAYS TO WRONG SIGN CHARMED MESONS.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2002-089, Nov 2002. 16pp.
Published in **Phys.Lett.B561:26-40,2003**

45) FINAL RESULTS FROM DELPHI ON THE SEARCHES FOR SM AND MSSM NEUTRAL HIGGS BOSONS.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2003-008, Feb 2003. 66pp.
Published in **Eur.Phys.J.C32:145-183,2004**

46) SEARCH FOR SUPERSYMMETRIC PARTICLES IN LIGHT GRAVITINO SCENARIOS AND SLEPTONS NLSP.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2002-083, Oct 2002. 38pp.
Published in **Eur.Phys.J.C27:153-172,2003**

47) SEARCH FOR DOUBLY CHARGED HIGGS BOSONS AT LEP-2.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2002-077, Oct 2002. 14pp.
This paper is dedicated to the memory of Paolo Poropat.
Published in **Phys.Lett.B552:127-137,2003**

48) SEARCH FOR AN LSP GLUINO AT LEP WITH THE DELPHI DETECTOR.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2002-076, Aug 2002. 36pp.
Published in **Eur.Phys.J.C26:505-525,2003**

49) PRECISION MEASUREMENTS OF GAS REFRACTIVITY BY MEANS OF A FABRY-PEROT INTERFEROMETER ILLUSTRATED BY THE MONITORING OF RADIATOR REFRACTIVITY IN THE DELPHI RICH DETECTORS.

By T.A. Filippas, E. Fokitis, S. Maltezos, K. Patrinos (Natl. Tech. U., Athens), M. Davenport (CERN),. 2002.

Published in **Nucl.Instrum.Meth.B196:340-348,2002**
EXP CERN-LEP-DELPHI

50) Search for $B_s^0 \rightarrow (B_s^0) B_s^0 - B_s^0 \bar{B}_d^0$ oscillations and a measurement of $B_d^0 \rightarrow (B_d^0) B_d^0 - B_d^0 \bar{B}_d^0$ oscillations using events with an inclusively reconstructed vertex

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2002-078, Oct 2002. 34pp.
Published in **Eur.Phys.J.C28:155-173,2003**

51) RAPIDITY ALIGNMENT AND P(T) COMPENSATION OF PARTICLE PAIRS IN HADRONIC Z0 DECAYS.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2002-023, Mar 2002. 15pp.
Published in **Phys.Lett.B533:243-252,2002**

52) SEARCHES FOR NEUTRAL HIGGS BOSONS IN E+ E- COLLISIONS FROM $S^{*}(1/2) = 191.6\text{-GEV TO } 201.7\text{-GEV}$.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2001-087, Nov 2001. 49pp.
Published in **Eur.Phys.J.C23:409-435,2002**

53) OPTICAL FILTER DESIGN FOR THE FLUORESCENCE DETECTOR OF THE AUGER PROJECT.

By E. Fokitis, S. Maltezos, E. Papantonopoulos (Natl. Tech. U., Athens),. Sep 1998. 8pp.
Prepared for 6th Hellenic School and Workshop on Elementary Particle Physics:, Corfu, Greece, 6-26 Sep 1998. JHEP Conference PDF Server

54) SEARCH FOR CHARGED HIGGS BOSONS IN E+ E- COLLISIONS AT $S^{1/2} = 189\text{-GEV}$ - 202-GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2001-062, Aug 2001. 18pp.
Published in **Phys.Lett.B525:17-28,2002**

55) SEARCH FOR TECHNICOLOR WITH DELPHI.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-EP-2001-059, Aug 2001. 28pp.
Published in **Eur.Phys.J.C22:17-29,2001**

56) MEASUREMENT OF THE B₀(S) LIFETIME AND STUDY OF B₀(S) - ANTI-B₀(S) OSCILLATIONS USING D(S)L EVENTS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-043, Feb 2000. 47pp.
Published in **Eur.Phys.J.C16:555,2000**

57) A STUDY OF THE LORENTZ STRUCTURE IN TAU DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-027, Feb 2000. 38pp.
Published in **Eur.Phys.J.C16:229-252,2000**

58) SINGLE INTERMEDIATE VECTOR BOSON PRODUCTION IN E+ E- COLLISIONS AT $S^{1/2} = 183\text{-GEV}$ AND 189-GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2001-033, May 2001. 18pp.
Published in **Phys.Lett.B515:238-254,2001**

59) MEASUREMENT OF THE SEMILEPTONIC B BRANCHING FRACTIONS AND AVERAGE B MIXING PARAMETER IN Z DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-157, Mar 2001. 40pp.
Published in **Eur.Phys.J.C20:455-478,2001**

60) A MEASUREMENT OF THE TAU TOPOLOGICAL BRANCHING RATIOS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2001-030, Apr 2001. 32pp.
Published in **Eur.Phys.J.C20:617-637,2001**

61) MEASUREMENT OF THE MASS AND WIDTH OF THE W BOSON IN E+ E- COLLISIONS AT $S^{1/2} = 189\text{-GEV}$.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2001-029, Feb 2001. 24pp.
Published in **Phys.Lett.B511:159-177,2001**

62) MEASUREMENT OF V(CB) FROM THE DECAY PROCESS ANTI-B₀ ---> D*+ LEPTON-ANTI-NEUTRINO.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2001-002, Jan 2001. 26pp.
Published in **Phys.Lett.B510:55-74,2001**

63) SEARCH FOR A FERMIPHOBIC HIGGS AT LEP-2.

By DELPHI Collaboration (P. Abreu *et al.*). Published in **Phys.Lett.B507:89-103,2001**

64) SEARCH FOR HEAVY STABLE AND LONGLIVED PARTICLES IN E+ E- COLLISIONS AT $S^{1/2} = 189\text{-GEV}$.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-020, Jan 2000. 9pp.
Published in **Phys.Lett.B478:65-72,2000**

65) SEARCH FOR SUPERSYMMETRIC PARTNERS OF TOP AND BOTTOM QUARKS AT $S^{1/2} = 189\text{-GEV}$.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-095, Jul 2000. 21pp.
Published in **Phys.Lett.B496:59-75,2000**

66) SEARCH FOR R-PARITY VIOLATION WITH A ANTI-U ANTI-D ANTI-D COUPLING AT $X^{1/2} = 189\text{-GEV}$.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-127, Aug 2000. 20pp.
Published in **Phys.Lett.B500:22-36,2001**

- 67) **SEARCH FOR SUSY WITH R-PARITY VIOLATING LL ANTI-E COUPLINGS AT $S^{**}(1/2) = 189\text{-GEV}$.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-059, May 2000. 18pp.
Published in **Phys.Lett.B487:36-52,2000**
- 68) **MEASUREMENT OF TRILINEAR GAUGE BOSON COUPLINGS WWV, ($V = Z, \text{GAMMA}$) IN E+ E- COLLISIONS AT 189-GEV.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2001-006, Jan 2001. 20pp.
Published in **Phys.Lett.B502:9-23,2001**
- 69) **UPDATE OF THE SEARCH FOR SUPERSYMMETRIC PARTICLES IN SCENARIOS WITH GRAVITINO LSP AND SLEPTONS NLSP.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2001-011, Jan 2001. 21pp.
Published in **Phys.Lett.B503:34-48,2001**
- 70) **SEARCH FOR THE STANDARD MODEL HIGGS BOSON AT LEP IN THE YEAR 2000.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2001-004, Dec 2000. 19pp.
Published in **Phys.Lett.B499:23-37,2001**
- 71) **SEARCH FOR SLEPTONS IN E+ E- COLLISIONS AT $S^{**}(1/2) = 183\text{-GEV TO } 189\text{-GEV}$.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-134, Oct 2000. 25pp.
Published in **Eur.Phys.J.C19:29-42,2001**
- 72) **SEARCH FOR SPONTANEOUS R-PARITY VIOLATION AT $S^{**}(1/2) = 183\text{-GEV AND } 189\text{-GEV}$.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-124, Aug 2000. 17pp.
Published in **Phys.Lett.B502:24-36,2001**
- 73) **STUDY OF DIMUON PRODUCTION IN PHOTON-PHOTON COLLISIONS AND MEASUREMENT OF QED PHOTON STRUCTURE FUNCTIONS AT LEP.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-150, Feb 2000. 23pp.
Published in **Eur.Phys.J.C19:15-28,2001**
- 74) **SEARCH FOR NEUTRALINO PAIR PRODUCTION AT $S^{**}(1/2) = 189\text{-GEV}$.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-133, Jul 2000. 23pp.
Published in **Eur.Phys.J.C19:201-212,2001**
- 75) **MEASUREMENT OF THE Z Z CROSS-SECTION IN E+ E- INTERACTIONS AT 183-GEV - 189-GEV.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-089, Jun 2000. 18pp.
Published in **Phys.Lett.B497:199-213,2001**
- 76) **PHOTON EVENTS WITH MISSING ENERGY AT $S^{**}(1/2) = 183\text{-GEV TO } 189\text{-GEV}$.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-021, Jan 2000.
Published in **Eur.Phys.J.C17:53-65,2000**
- 77) **A SEARCH FOR INVISIBLE HIGGS BOSONS PRODUCED IN E+ E- INTERACTIONS UP TO $S^{**}(1/2) = 189\text{-GEV}$.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-051, Apr 2000. 21pp.
Physics Letters B, Volume 459, Issues 1-3, 22 July 1999, Pages 367-381
- 78) **SEARCH FOR THE SGOLDSTINO AT $S^{**}(1/2)$ FROM 189-GEV TO 202-GEV.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-110, Aug 2000. 15pp.
Published in **Phys.Lett.B494:203-214,2000**
- 79) **STUDY OF B0(S) ANTI-B0(S) OSCILLATIONS AND B0(S) LIFETIMES USING HADRONIC DECAYS OF B0(S) MESONS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-087, Mar 2000. 42pp.
Published in **Eur.Phys.J.C18:229-252,2000**

80) **LIMITS ON THE MASSES OF SUPERSYMMETRIC PARTICLES AT $S^{**}(1/2) = 189\text{-GEV}$.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-088, Jun 2000. 22pp.
Published in **Phys.Lett.B489:38-54,2000**

81) **DETERMINATION OF THE $E^+ E^- \rightarrow \text{GAMMA GAMMA}$ (GAMMA) CROSS-SECTION AT CENTRE-OF-MASS ENERGIES RANGING FROM 189-GEV TO 202-GEV.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-094, Jul 2000. 18pp.
Published in **Phys.Lett.B491:67-80,2000**

82) **RAPIDITY-RANK STRUCTURE OF P ANTI-P PAIRS IN HADRONIC Z^0 DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-081, Jun 2000. 13pp.
Published in **Phys.Lett.B490:61-70,2000**

83) **SEARCH FOR SUPERSYMMETRY WITH R-PARITY VIOLATING DECAYS VIA LAMBDA COUPLINGS AT $S^{**}(1/2) = 183\text{-GEV}$.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-OPEN-99-449, Dec 1998. 25pp.
Prepared for 34th Rencontres de Moriond: Electroweak Interactions and Unified Theories, Les Arcs, France, 13-20 Mar 1999.

84) **UPDATE OF THE SEARCH FOR CHARGINOS NEARLY MASS-DEGENERATE WITH THE LIGHTEST NEUTRALINO.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-033, Feb 2000. 14pp.
Published in **Phys.Lett.B485:95-106,2000**

85) **MEASUREMENT AND INTERPRETATION OF FERMION-PAIR PRODUCTION AT LEP ENERGIES OF 183-GEV AND 189-GEV.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-068, Feb 2000. 23pp.
Published in **Phys.Lett.B485:45-61,2000**

86) **CROSS-SECTIONS AND LEPTONIC FORWARD BACKWARD ASYMMETRIES FROM THE Z^0 RUNNING OF LEP.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-037, Feb 2000. 64pp.
Published in **Eur.Phys.J.C16:371-405,2000**

87) **OPERATION, OPTIMISATION, AND PERFORMANCE OF THE DELPHI RICH DETECTORS.**
E. Albrecht *et al.*. 1999.
Prepared for 3rd International Workshop on Ring Imaging Cerenkov Detector (RICH 98), Ein Gedi, Dead Sea, Israel, 15-20 Nov 1998. Published in **Nucl.Instrum.Meth.A433:47-58,1999**

88) **CROSS-SECTIONS AND LEPTONIC FORWARD BACKWARD ASYMMETRIES FROM THE Z^0 RUNNING OF LEP.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-OPEN-2000-031, Jun 1998. 64pp.
Hardcopy at DESY.
Eur. Phys. J. V16,371-405(2000)

89) **SEARCHES FOR NEUTRAL HIGGS BOSONS IN $E^+ E^-$ COLLISIONS AROUND $S^{**}(1/2) = 189\text{-GEV}$.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-038, Mar 2000. 36pp.
Published in **Eur.Phys.J.C17:187-205,2000, Addendum-ibid.C17:549-551,2000**

90) **W PAIR PRODUCTION CROSS-SECTION AND W BRANCHING FRACTIONS IN $E^+ E^-$ INTERACTIONS AT 189-GEV.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-035, Feb 2000. 16pp.
Published in **Phys.Lett.B479:89-100,2000**

91) **CHARGED AND IDENTIFIED PARTICLES IN THE HADRONIC DECAY OF W BOSONS AND IN $E^+ E^- \rightarrow Q \text{ ANTI-Q}$ FROM 130-GEV TO 200-GEV.**
By DELPHI Collaboration (P. Abreu *et al.*). Published in **Eur.Phys.J.C18:203-228,2000**

- 92) **IDENTIFIED CHARGED PARTICLES IN QUARK AND GLUON JETS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-007, Jan 2000. 26pp.
Published in **Eur.Phys.J.C17:207-222,2000**
- 93) **SEARCH FOR CHARGINOS IN E+ E- INTERACTIONS AT $S^{1/2} = 189\text{-GEV}$.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-008, Jan 2000. 22pp.
Published in **Phys.Lett.B479:129-143,2000**
- 94) **INCLUSIVE SIGMA- AND LAMBDA(1520) PRODUCTION IN HADRONIC Z DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-009, Jan 2000. 23pp.
Published in **Phys.Lett.B475:429-447,2000**
- 95) **HADRONIZATION PROPERTIES OF B QUARKS COMPARED TO LIGHT QUARKS IN E+ E- TO Q ANTI-Q FROM 183-GEV TO 200-GEV.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-010, Jan 2000. 13pp.
Published in **Phys.Lett.B479:118-128,2000, Erratum-ibid.B492:398,2000**
- 96) **SEARCH FOR SUPERSYMMETRIC PARTICLES IN SCENARIOS WITH A GRAVITINO LSP AND STAU NLSP.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-015, Jan 2000. 30pp.
Published in **Eur.Phys.J.C16:211-228,2000**
- 97) **DETERMINATION OF $|V(UB)| / |V(CB)|$ WITH DELPHI AT LEP.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-2000-030, Feb 2000. 24pp.
Published in **Phys.Lett.B478:14-30,2000**
- 98) **MEASUREMENT OF THE ANTI-B \rightarrow D* PI LEPTON ANTI-NEUTRINO(LEPTON) BRANCHING FRACTION.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-174, Dec 1999. 25pp.
Published in **Phys.Lett.B475:407-428,2000**
- 99) **LAMBDA(B) POLARIZATION IN Z0 DECAYS AT LEP.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-155, Oct 1999. 22pp.
Published in **Phys.Lett.B474:205-222,2000**
- 100) **TWO-DIMENSIONAL ANALYSIS OF THE BOSE-EINSTEIN CORRELATIONS IN E+ E- ANNIHILATION AT THE Z0 PEAK.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-160, Nov 1999. 12pp.
Published in **Phys.Lett.B471:460-470,2000**
- 101) **UPPER LIMIT FOR THE DECAY B- \rightarrow TAU- ANTI-NEUTRINO (TAU) AND MEASUREMENT OF THE B \rightarrow TAU ANTI-NEUTRINO (TAU) X BRANCHING RATIO.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-162, Nov 1999. 21pp.
Published in **Phys.Lett.B496:43-58,2000**
- 102) **A PRECISE MEASUREMENT OF THE TAU POLARIZATION AT LEP-1.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-161, Nov 1999. 50pp.
Published in **Eur.Phys.J.C14:585-611,2000**
- 103) **MEASUREMENT OF THE GLUON FRAGMENTATION FUNCTION AND A COMPARISON OF THE SCALING VIOLATION IN GLUON AND QUARK JETS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-144, Oct 1999. 30pp.
Published in **Eur.Phys.J.C13:573-589,2000**
- 104) **CONSISTENT MEASUREMENTS OF ALPHA(S) FROM PRECISE ORIENTED EVENT SHAPE DISTRIBUTIONS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-133, Jan 2000. 51pp.
Revised. Published in **Eur.Phys.J.C14:557-584,2000**

105) MEASUREMENT OF THE STRANGE QUARK FORWARD BACKWARD ASYMMETRY AROUND THE Z0 PEAK.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-134, Sep 1999. 30pp.
Published in **Eur.Phys.J.C14:613-631,2000**

106) THE FABRY-PEROT INTERFEROMETER FOR THE DELPHI RING IMAGING CHERENKOV DETECTOR.

By E. Fokitis, S. Maltezos, K. Patrinos, M. Dris, H. Rahmani, P. Papandreopoulos (Natl. Tech. U., Athens),. 1995.
Prepared for 4th International Conference on Advanced Technology and Particle Physics, Como, Italy, 3-7 Oct 1994.
Published in **Nucl.Phys.Proc.Suppl.44:246-251,1995**

107) SEARCH FOR CHARGINO PAIR PRODUCTION IN SCENARIOS WITH GRAVITINO LSP AND STAU NLSP AT $S^{1/2}$ APPROXIMATELY EQUAL TO 183-GEV AT LEP.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-107, Jul 1999. 12pp.
Published in **Phys.Lett.B466:61-70,1999**

108) THE RING IMAGING CHERENKOV DETECTORS OF DELPHI.

W. Adam *et al.*. 1995.
Prepared for IEEE 1994 Nuclear Science Symposium (NSS) and Medical Imaging Conference (MIC), Norfolk, Virginia, 30 Oct - 5 Nov 1994.
Published in **IEEE Trans.Nucl.Sci.42:499-504,1995**

109) MEASUREMENT OF THE MASS OF THE W BOSON USING DIRECT RECONSTRUCTION AT $S^{1/2} = 183$ -GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-079, CERN-EP-99-79, Jun 1999. 17pp.
Published in **Phys.Lett.B462:410-424,1999**

110) MEASUREMENT OF THE RATE OF B ANTI-B B ANTI-B EVENTS IN HADRONIC Z DECAYS AND THE EXTRACTION OF THE GLUON SPLITTING INTO B ANTI-B.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-081, CERN-EP-99-81, Jun 1999. 18pp.
Published in **Phys.Lett.B462:425-439,1999**

111) SEARCH FOR CHARGED HIGGS BOSONS AT LEP-2.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-077, CERN-EP-99-77, Jun 1999. 16pp.
Published in **Phys.Lett.B460:484-497,1999**

112) DETERMINATION OF $P(C \rightarrow D^{*+})$ AND $BR(C \rightarrow LEPTON^{+})$ AT LEP-1.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-067, May 1999. 29pp.
Published in **Eur.Phys.J.C12:209-224,2000**

113) MEASUREMENTS OF THE Z PARTIAL DECAY WIDTH INTO C ANTI-C AND MULTIPLICITY OF CHARM QUARKS PER B DECAY.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-066, CERN-EP-99-66, May 1999. 28pp.
Published in **Eur.Phys.J.C12:225-241,2000**

114) MEASUREMENTS OF THE TRILINEAR GAUGE BOSON COUPLINGS WWV ($V = \text{GAMMA}, Z$) IN $E^{+}E^{-}$ COLLISIONS AT 183-GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-062, Apr 1999. 18pp.
Published in **Phys.Lett.B459:382-396,1999**

115) A SEARCH FOR INVISIBLE HIGGS BOSONS PRODUCED IN E+ E- INTERACTIONS AT LEP-2 ENERGIES.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-059, Apr 1999. 19pp.
Published in **Phys.Lett.B459:367-381,1999**

116) SEARCH FOR THE HIGGS BOSON IN EVENTS WITH ISOLATED PHOTONS AT LEP-2.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-058, Apr 1999. 20pp.
Published in **Phys.Lett.B458:431-446,1999**

117) ENERGY DEPENDENCE OF INCLUSIVE SPECTRA IN E+ E- ANNIHILATION.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-057, Apr 1999. 16pp.
Published in **Phys.Lett.B459:397-411,1999**

118) MULTIPLICITY FLUCTUATIONS IN ONE-DIMENSIONAL AND TWO-DIMENSIONAL ANGULAR INTERVALS COMPARED WITH ANALYTIC QCD CALCULATIONS.

By DELPHI collaboration (P. Abreu *et al.*). HEPHY-PUB-715-99, CERN-EP-99-056, May 1999. 17pp.
Published in **Phys.Lett.B457:368-382,1999**

119) ENERGY DEPENDENCE OF EVENT SHAPES AND OF ALPHA(S) AT LEP-2.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-044, CERN-EP-99-44, Mar 1999. 18pp.
Published in **Phys.Lett.B456:322-340,1999**

120) MEASUREMENTS OF THE LEPTONIC BRANCHING FRACTIONS OF THE TAU.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-046, CERN-EP-99-46, Mar 1999. 33pp.
Published in **Eur.Phys.J.C10:201-218,1999**

121) W PAIR PRODUCTION CROSS-SECTION AND W BRANCHING FRACTIONS IN E+ E- INTERACTIONS AT 183-GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-047, CERN-EP-99-47, Mar 1999. 14pp.
Published in **Phys.Lett.B456:310-321,1999**

122) SEARCH FOR SUPERSYMMETRY WITH R-PARITY VIOLATING L L ANTI-E COUPLINGS AT $S^{*(1/2)} = 183$ -GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-049, CERN-EP-99-49, Apr 1999. 28pp.
Published in **Eur.Phys.J.C13:591-608,2000**

123) MEASUREMENT OF THE LIFETIME OF B - BARYONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-016, CERN-EP-99-16, Feb 1999. 26pp.
Published in **Eur.Phys.J.C10:185-199,1999**

124) SEARCH FOR CHARGINOS NEARLY MASS - DEGENERATE WITH THE LIGHTEST NEUTRALINO.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-037, CERN-EP-99-37, Mar 1999. 30pp.
Published in **Eur.Phys.J.C11:1-17,1999**

125) MEASUREMENT OF THE FORWARD BACKWARD ASYMMETRY OF C AND B QUARKS AT THE Z POLE USING RECONSTRUCTED D MESONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-007, CERN-EP-99-07, CERN-EP-99-7, Jan 1999. 31pp.

Published in **Eur.Phys.J.C10:219-237,1999**

126) SEARCH FOR NEUTRAL HIGGS BOSONS IN E+ E- COLLISIONS AT $S^{}(1/2) = 183\text{-GEV}$.**

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-006, CERN-EP-99-06, CERN-EP-99-6, Jan 1999. 66pp.

Published in **Eur.Phys.J.C10:563-604,1999**

127) MEASUREMENT AND INTERPRETATION OF FERMION PAIR PRODUCTION AT LEP ENERGIES FROM 130-GEV TO 172-GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-005, CERN-EP-99-05, CERN-EP-99-5, Jan 1999. 51pp.

Published in **Eur.Phys.J.C11:383-407,1999**

128) THE SCALE DEPENDENCE OF THE HADRON MULTIPLICITY IN QUARK AND GLUON JETS AND A PRECISE DETERMINATION OF $C(A) / C(F)$.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-99-003, CERN-EP-99-03, CERN-EP-99-3, Jan 1999. 21pp.

Published in **Phys.Lett.B449:383-400,1999**

129) MEASUREMENT OF INCLUSIVE $\rho(0)$, $F(0)(980)$, $F(2)(1270)$, $K^*0(2)(1430)$ AND $F\text{-PRIME}(2)(1525)$ PRODUCTION IN Z^0 DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-199, Dec 1998. 23pp.

Published in **Phys.Lett.B449:364-382,1999**

130) STUDY OF THE FOUR-JET ANOMALY OBSERVED AT LEP CENTER-OF-MASS ENERGIES OF 130-GEV AND 136-GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-198, Dec 1998. 11pp.

Published in **Phys.Lett.B448:311-319,1999**

131) MEASUREMENT OF $A(FB)(B\text{ ANTI-B})$ IN HADRONIC Z DECAYS USING A JET CHARGE TECHNIQUE.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-189, Nov 1998. 26pp.

Published in **Eur.Phys.J.C9:367-381,1999**

132) A PRECISE MEASUREMENT OF THE PARTIAL DECAY WIDTH RATIO $R(B)^{0} = \text{GAMMA}(B\text{ ANTI-B}) / \text{GAMMA}(HAD)$.**

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-180, Nov 1998. 47pp.

Published in **Eur.Phys.J.C10:415-442,1999**

133) PERFORMANCE OF THE RING IMAGING CHERENKOV DETECTOR OF DELPHI.

W. Adam *et al.*. 1995.

Given at 7th International Wire Chamber Conference (WCC 95): Recent Trends and Alternative Techniques, Vienna, Austria, 13-17 Feb 1995.

Published in **Nucl.Instrum.Meth.A367:233-239,1995**

134) SEARCH FOR CHARGINOS, NEUTRALINOS AND GRAVITINOS IN E+ E- INTERACTIONS AT $S^{}(1/2) = 183\text{-GEV}$.**

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-176, Nov 1998. 21pp.

Published in **Phys.Lett.B446:75-91,1999**

135) SEARCH FOR LEPTOQUARKS AND FCNC IN E+ E- ANNIHILATIONS AT $S^{}(1/2) = 183\text{-GEV}$.**

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-177, Nov 1998. 15pp.

Published in **Phys.Lett.B446:62-74,1999**

136) A SEARCH FOR HEAVY STABLE AND LONGLIVED SQUARKS AND SLEPTONS IN E+ E- COLLISIONS AT ENERGIES FROM 130-GEV TO 183-GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-171, Oct 1998. 18pp.
Published in **Phys.Lett.B444:491-502,1998**

137) SEARCH FOR LIGHTEST NEUTRALINO AND STAU PAIR PRODUCTION IN LIGHT GRAVITINO SCENARIOS WITH STAU NLSP.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-170, Oct 1998. 25pp.
Published in **Eur.Phys.J.C7:595-607,1999**

138) SEARCH FOR COMPOSITE AND EXOTIC FERMIONS AT LEP-2.

Published in **Eur.Phys.J.C8:41-58,1999**

139) A Determination of the centre-of-mass energy at LEP2 using radiative 2-fermion events.

By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2005-050, Feb 2006. 20pp.
Published in **Eur.Phys.J.C46:295-305,2006**.

140) Flavour independent searches for hadronically decaying neutral Higgs bosons

Eur. Phys. J. C 44, 147–159 (2005)

141) ATLAS: TECHNICAL PROPOSAL FOR A GENERAL-PURPOSE P P EXPERIMENT AT THE LARGE HADRON COLLIDER AT CERN.

By ATLAS Collaboration (W.W. Armstrong *et al.*). CERN-LHCC-94-43, Dec 1994. 289pp.

142) SEARCH FOR PAIR PRODUCED NEUTRALINOS IN EVENTS WITH PHOTONS AND MISSING ENERGY FROM E+ E- COLLISIONS AT $S^{1/2} = 130\text{-GEV TO } 183\text{-GEV}$.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-142, Sep 1998. 29pp.
Published in **Eur.Phys.J.C6:371-384,1999**

143) TWO PARTICLE ANGULAR CORRELATIONS IN E+ E- INTERACTIONS COMPARED WITH QCD PREDICTIONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-138, Sep 1998. 17pp.
Published in **Phys.Lett.B440:203-216,1998**

144) SEARCH FOR SCALAR FERMIONS AND LONGLIVED SCALAR LEPTONS AT CENTER-OF-MASS ENERGIES OF 130-GEV TO 172-GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-116, Jul 1998. 28pp.
Published in **Eur.Phys.J.C6:385-401,1999**

145) A SEARCH FOR ETA-PRIME(C) PRODUCTION IN PHOTON-PHOTON FUSION AT LEP.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-151, Sep 1998. 13pp.
Published in **Phys.Lett.B441:479-490,1998** |

146) MEASUREMENT OF $|V(CS)|$ USING W DECAYS AT LEP-2.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-115, Jul 1998. 18pp.
Published in **Phys.Lett.B439:209-224,1998**

147) P_{i^+} , K^+ , P AND ANTI- P PRODUCTION IN $Z^0 \rightarrow Q \text{ ANTI-Q}$, $Z^0 \rightarrow B \text{ ANTI-B}$, $Z^0 \rightarrow U \text{ ANTI-U}$, $D \text{ ANTI-D}$, $S \text{ ANTI-S}$.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-095, CERN-EP-98-95, Jun 1998. 40pp.
Published in **Eur.Phys.J.C5:585-620,1998**

148) MEASUREMENT OF THE $E^+ E^- \rightarrow \text{GAMMA GAMMA (GAMMA)}$ CROSS-SECTION AT THE LEP ENERGIES.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-075, CERN-EP-98-75, May 1998. 11pp.

Published in **Phys.Lett.B433:429-440,1998**

149) INTERFEROMETRIC APPLICATIONS IN HIGH-ENERGY PHYSICS EXPERIMENTS.

E. Fokitis *et al.*. 1990.

Prepared for 2nd Conference on Advanced Technology and Particle Physics, Como, Italy, 11-15 Jun 1990.

Published in **Nucl.Phys.Proc.Suppl.23A:433-441,1991**

150) CURRENT ACHIEVEMENTS OF THE DELPHI RING IMAGING CHERENKOV DETECTOR.

W. Adam *et al.*. 1996.

Given at 2nd International Workshop on Ring Imaging Cerenkov Detectors (RICH 95), Uppsala, Sweden, 12-16 Jun 1995.

Published in **Nucl.Instrum.Meth.A371:12-15,1996**

151) A SYSTEM FOR MONITORING THE REFRACTIVITIES OF FLUIDS IN THE DELPHI RICH DETECTORS IN THE VUV REGION.

By A. Filippas, E. Fokitis, S. Maltezos, K. Patrinos (Natl. Tech. U., Athens),. 1996.

Prepared for 2nd International Workshop on Ring Imaging Cerenkov Detectors (RICH 95), Uppsala, Sweden, 12-16 Jun 1995.

Published in **Nucl.Instrum.Meth.A371:255-258,1996**

152) MEASUREMENT OF THE CHARGED PARTICLE MULTIPLICITY OF WEAKLY DECAYING B HADRONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-034, CERN-EP-98-34, Mar 1998. 17pp.

Published in **Phys.Lett.B425:399-412,1998**

153) FIRST EVIDENCE FOR A CHARM RADIAL EXCITATION, $D^{*-PRIME}$.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-030, CERN-EP-98-30, Feb 1998. 15pp.

Published in **Phys.Lett.B426:231-242,1998**

154) INVESTIGATION OF THE SPLITTING OF QUARK AND GLUON JETS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-024, CERN-EP-98-24, Feb 1998. 30pp.

Published in **Eur.Phys.J.C4:1-17,1998**

155) A STUDY OF THE HADRONIC RESONANCE STRUCTURE IN THE DECAY $\text{TAU} \rightarrow 3 \text{PI NEUTRINO(TAU)}$.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-014, CERN-EP-98-14, Jan 1998. 18pp.

Published in **Phys.Lett.B426:411-427,1998**

156) MEASUREMENT OF THE INCLUSIVE CHARMLESS AND DOUBLE CHARM B BRANCHING RATIOS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-98-007, CERN-EP-98-07, CERN-EP-98-7, Jan 1998. 13pp.

Published in **Phys.Lett.B426:193-206,1998**

157) MEASUREMENT OF TRILINEAR GAUGE COUPLINGS IN $E^+ E^-$ -COLLISIONS AT 161-GEV AND 172-GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-163, Dec 1997. 17pp.

Published in **Phys.Lett.B423:194-206,1998**

158) MEASUREMENT OF THE W PAIR CROSS-SECTION AND OF THE W MASS IN E+ E- INTERACTIONS AT 172-GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-160, Dec 1997. 24pp.
Published in **Eur.Phys.J.C2:581-595,1998**

159) SEARCH FOR CHARGED HIGGS BOSONS IN E+ E- COLLISIONS AT $S^{}(1/2) = 172$ -GEV.**

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-145, Nov 1997. 17pp.
Published in **Phys.Lett.B420:140-156,1998**

160) M(B) AT M(Z).

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-141, Oct 1997. 16pp.
Published in **Phys.Lett.B418:430-442,1998**

161) CHARGED PARTICLE MULTIPLICITY IN E+ E- ---> Q ANTI-Q EVENTS AT 161-GEV AND 172-GEV AND FROM THE DECAY OF THE W BOSON.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-113, Aug 1997. 17pp.
Published in **Phys.Lett.B416:233-246,1998**

162) SEARCH FOR B(S)0 ANTI-B(S)0 OSCILLATIONS.

By DELPHI Collaboration (W. Adam *et al.*). CERN-PPE-97-114, Aug 1997. 23pp.
Published in **Phys.Lett.B414:382-400,1997**

163) MEASUREMENT OF THE TRIPLE GLUON VERTEX FROM DOUBLE QUARK TAGGED FOUR JET EVENTS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-112, Aug 1997. 22pp.
Published in **Phys.Lett.B414:401-418,1997**

164) MEASUREMENT OF THE QUARK AND GLUON FRAGMENTATION FUNCTIONS IN Z0 HADRONIC DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-108, Aug 1997. 24pp.
Published in **Eur.Phys.J.C6:19-33,1999**

165) SEARCH FOR CHARGINOS, NEUTRALINOS AND GRAVITINOS AT LEP.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-107, Aug 1997. 35pp.
Published in **Eur.Phys.J.C1:1-20,1998**

TOPCITE = 50+

Cited 64 times

EXP CERN-LEP-DELPHI

166) SEARCH FOR NEUTRAL AND CHARGED HIGGS BOSONS IN E+ E- COLLISIONS AT $S^{}(1/2) = 161$ -GEV AND 172-GEV.**

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-085, CERN-PPE-97-85, Jul 1997. 68pp.

Published in **Eur.Phys.J.C2:1-37,1998**

167) OBSERVATION OF CHARGE ORDERING IN PARTICLE PRODUCTION IN HADRONIC Z0 DECAY.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-062, CERN-PPE-97-62, Jun 1997. 14pp.

Published in **Phys.Lett.B407:174-184,1997**

168) MEASUREMENT OF THE SPIN DENSITY MATRIX FOR THE RHO0, K*0 (892) AND PHI PRODUCED IN Z0 DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-055, CERN-PPE-97-55, May 1997. 20pp.

Published in **Phys.Lett.B406:271-286,1997**

169) MEASUREMENT OF B(D)0 - ANTI-B(D)0 OSCILLATIONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-051, CERN-PPE-97-51, May 1997. 41pp.

Published in **Z.Phys.C76:579-598,1997**

170) A STUDY OF THE REACTION E+ E- ---> MU+ MU- GAMMA (ISR) AT LEP AND SEARCH FOR NEW PHYSICS AT ANNIHILATION ENERGIES NEAR 80-GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-045, CERN-PPE-97-45, Apr 1997. 23pp.

Published in **Z.Phys.C75:581-592,1997**

171) MEASUREMENT OF THE MULTIPLICITY OF GLUONS SPLITTING TO BOTTOM QUARK PAIRS IN HADRONIC Z0 DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-039, CERN-PPE-97-39, Apr 1997. 18pp.

Published in **Phys.Lett.B405:202-214,1997**

172) MEASUREMENT OF THE TRANSVERSE SPIN CORRELATION IN Z --> TAU+ TAU- DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-034, CERN-PPE-97-34, Mar 1997. 19pp.

Published in **Phys.Lett.B404:194-206,1997**

173) MEASUREMENT OF CORRELATIONS BETWEEN PIONS FROM DIFFERENT WS IN E+ E- ---> W+ W- EVENTS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-030, CERN-PPE-97-30, Mar 1997. 15pp.

Published in **Phys.Lett.B401:181-191,1997**

174) RAPIDITY CORRELATIONS IN LAMBDA BARYON AND PROTON PRODUCTION IN HADRONIC Z0 DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-027, CERN-PPE-97-27, Mar 1997. 16pp.

Published in **Phys.Lett.B416:247-256,1998**

175) MEASUREMENT AND INTERPRETATION OF THE W PAIR CROSS-SECTION IN E+ E- INTERACTIONS AT 161-GEV.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-97-009, CERN-PPE-97-09, CERN-PPE-97-9, Jan 1997. 16pp.

Published in **Phys.Lett.B397:158-170,1997**

TOPCITE = 50+ , Cited 84 times

176) IDENTIFIED PARTICLES IN QUARK AND GLUON JETS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-193, Dec 1996. 16pp.

Published in **Phys.Lett.B401:118-130,1997**

177) SEARCH FOR STABLE HEAVY CHARGED PARTICLES IN E+ E- COLLISIONS AT S(1/2) = 130-GEV TO 136-GEV, 161-GEV AND 172-GEV.**

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-188, Dec 1996. 18pp.

Published in **Phys.Lett.B396:315-326,1997**

178) A MEASUREMENT OF ALPHA-S FROM THE SCALING VIOLATION IN E+ E- ANNIHILATION.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-185, Dec 1996. 18pp.

Published in **Phys.Lett.B398:194-206,1997**

- 179) **SEARCH FOR NEUTRAL HEAVY LEPTONS PRODUCED IN Z DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-195, Dec 1996. 27pp.
Published in **Z.Phys.C74:57-71,1997, Erratum-ibid.C75:580,1997**
- 180) **SEARCH FOR THE B(C) MESON.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-194, Dec 1996. 18pp.
Published in **Phys.Lett.B398:207-222,1997**
- 181) **SEARCH FOR EXCITED LEPTONS IN E+ E- COLLISIONS AT $S^{**}(1/2) = 161\text{-GEV}$.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-169, Nov 1996. 22pp.
Published in **Phys.Lett.B393:245-260,1997**
- 182) **A PRECISE MEASUREMENT OF THE B(D)0 MESON LIFETIME USING A NEW TECHNIQUE.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-139, Oct 1996. 25pp.
Published in **Z.Phys.C74:19-32,1997, Erratum-ibid.C75:579,1997**
- 183) **SEARCH FOR PAIR PRODUCTION OF HEAVY OBJECTS IN 4 JET EVENTS AT $S^{**}(1/2) = 130\text{-GEV} - 136\text{-GEV}$.**
By DELPHI Collaboration (W. Adam *et al.*). CERN-PPE-96-119, Aug 1996. 22pp.
Published in **Z.Phys.C73:1-9,1996**
- 184) **OPERATIONAL EXPERIENCE WITH THE 4 PI RING IMAGING CHERENKOV DETECTOR OF DELPHI.**
W. Adam *et al.*. 1995.
Prepared for 6th Pisa Meeting on Advanced Detectors: Frontier Detectors for Frontier Physics, La Biodola, Elba, Italy, 22-28 May 1994.
Published in **Nucl.Instrum.Meth.A360:416-422,1995**
- 185) **AN UPPER LIMIT FOR BR ($Z^0 \rightarrow G G G$) FROM SYMMETRIC THREE JET Z^0 HADRONIC DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-131, Sep 1996. 12pp.
Published in **Phys.Lett.B389:405-415,1996**
- 186) **MEASUREMENT OF EVENT SHAPE AND INCLUSIVE DISTRIBUTIONS AT $S^{**}(1/2) = 130\text{-GEV}$ AND 136-GEV .**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-130, Sep 1996. 23pp.
Published in **Z.Phys.C73:229-242,1997**
TOPCITE = 50+, Cited 57 times
- 187) **SEARCH FOR LEPTON FLAVOR NUMBER VIOLATING Z^0 DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-129, Sep 1996. 21pp.
Published in **Z.Phys.C73:243-251,1997**
- 188) **TUNING AND TEST OF FRAGMENTATION MODELS BASED ON IDENTIFIED PARTICLES AND PRECISION EVENT SHAPE DATA.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-120, Aug 1996. 80pp.
Published in **Z.Phys.C73:11-60,1996**
TOPCITE = 100+,| Cited 137 times
- 189) **SEARCH FOR NEUTRALINOS, SCALAR LEPTONS AND SCALAR QUARKS IN E+ E- INTERACTIONS AT $S^{**}(1/2) = 130\text{-GEV}$ AND 136-GEV .**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-110, Jul 1996. 19pp.
Published in **Phys.Lett.B387:651-666,1996**
- 190) **STUDY OF RARE B DECAYS WITH THE DELPHI DETECTOR AT LEP.**
By DELPHI Collaboration (W. Adam *et al.*). CERN-PPE-96-067, CERN-PPE-96-67, May

1996. 25pp.
Published in **Z.Phys.C72:207-220,1996**

191) MEASUREMENT OF INCLUSIVE K^*0 (892), Φ (1020) AND $K(2)^*0$ (1430) PRODUCTION IN HADRONIC Z DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-077, CERN-PPE-96-77, Jun 1996. 25pp.

Published in **Z.Phys.C73:61-72,1996**

192) SEARCH FOR HIGH MASS GAMMA GAMMA RESONANCES IN $E^+ E^- \rightarrow$ LEPTON+ LEPTON- GAMMA GAMMA, NEUTRINO ANTI-NEUTRINO GAMMA GAMMA AND Q ANTI-Q GAMMA GAMMA AT LEP-1.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-076, CERN-PPE-96-76, Jun 1996. 25pp.

Published in **Z.Phys.C72:179-190,1996**

193) SEARCH FOR THE LIGHTEST CHARGINO AT $S^{}(1/2) = 130$ -GEV AND 136-GEV IN DELPHI.**

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-075, CERN-PPE-96-75, Jun 1996. 18pp.

Published in **Phys.Lett.B382:323-336,1996**

194) STUDY OF RADIATIVE LEPTONIC EVENTS WITH HARD PHOTONS AND SEARCH FOR EXCITED CHARGED LEPTONS AT $S^{}(1/2) = 130$ -GEV - 136-GEV.**

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-060, CERN-PPE-96-60, May 1996. 15pp.

Published in **Phys.Lett.B380:480-490,1996**

195) SEARCH FOR ANOMALOUS PRODUCTION OF SINGLE PHOTONS AT $S^{}(1/2) = 130$ -GEV AND 136-GEV.**

By DELPHI Collaboration (W. Adam *et al.*). CERN-PPE-96-061, CERN-PPE-96-61, May 1996. 14pp.

Published in **Phys.Lett.B380:471-479,1996**

196) KAON INTERFERENCE IN THE HADRONIC DECAYS OF THE Z^0 .

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-054, CERN-PPE-96-54, Apr 1996. 16pp. Published in **Phys.Lett.B379:330-340,1996**

197) FIRST STUDY OF THE INTERFERENCE BETWEEN INITIAL AND FINAL STATE RADIATION AT THE Z RESONANCE.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-044, CERN-PPE-96-44, Mar 1996. 16pp.

Published in **Z.Phys.C72:31-38,1996**

198) MEAN LIFETIME OF THE $B(S)^0$ MESON.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-032, CERN-PPE-96-32, Mar 1996. 45pp.

Published in **Z.Phys.C71:11-30,1996**

199) FIRST MEASUREMENT OF F_2 -PRIME (1525) PRODUCTION IN Z^0 HADRONIC DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-026, CERN-PPE-96-26, Feb 1996. 12pp. Published in **Phys.Lett.B379:309-318,1996**

200) DETERMINATION OF THE AVERAGE LIFETIME OF B BARYONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-021, CERN-PPE-96-21, Feb 1996. 26pp. Published in **Z.Phys.C71:199-210,1996**

201) MEASUREMENT OF THE PARTIAL DECAY WIDTH $R(B) \supset(0) = \text{GAMMA}(B \text{ ANTI-} B) / \text{GAMMA}(\text{HAD})$ OF THE Z WITH THE DELPHI DETECTOR AT LEP.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-015, CERN-PPE-15, Jan 1996. 31pp. Published in **Z.Phys.C70:531-548,1996**

202) SEARCH FOR EXCLUSIVE DECAYS OF THE LAMBDA(B) BARYON AND MEASUREMENT OF ITS MASS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-016, CERN-PPE-16, Feb 1996. 14pp. Published in **Phys.Lett.B374:351-361,1996**

203) DETERMINATION OF $|V(CB)|$ FROM THE SEMILEPTONIC DECAY $B^0 \rightarrow D^{*-} \text{LEPTON} - \text{NEUTRINO}$.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-011, CERN-PPE-96-11, Jan 1996. 32pp.

Published in **Z.Phys.C71:539-554,1996**

TOPCITE = 50+.
Cited 60 times

204) PRODUCTION OF SIGMA0 AND OMEGA- IN Z DECAYS.

By DELPHI Collaboration (W. Adam *et al.*). CERN-PPE-96-012, CERN-PPE-96-12, Jan 1996. 24pp.

Published in **Z.Phys.C70:371-382,1996**

205) UPDATED PRECISION MEASUREMENT OF THE AVERAGE LIFETIME OF B HADRONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-013, CERN-PPE-96-13, Jan 1996. 13pp.

Published in **Phys.Lett.B377:195-204,1996**

206) MEASUREMENT OF THE B(D)0 OSCILLATION FREQUENCY USING KAONS, LEPTONS AND JET CHARGE.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-006, CERN-PPE-96-6, Jan 1996. 29pp.

Published in **Z.Phys.C72:17-30,1996**

207) SEARCH FOR NEW PHENOMENA USING SINGLE PHOTON EVENTS IN THE DELPHI DETECTOR AT LEP.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-003, CERN-PPE-96-3, CERN-PPE-96-03, Jan 1996. 22pp.

Published in **Z.Phys.C74:577-586,1997**

208) CHARGED PARTICLE MULTIPLICITY IN E+ E-INTERACTIONS AT $S^{1/2} = 130\text{-GEV}$.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-96-005, CERN-PPE-96-5, CERN-PPE-96-05, Jan 1996. 10pp.

Published in **Phys.Lett.B372:172-180,1996**

209) PERFORMANCE OF THE DELPHI DETECTOR.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-95-194, Dec 1995. 75pp.

Published in **Nucl.Instrum.Meth.A378:57-100,1996** (Erratum-ibid.A396:281,1997) TOPCITE = 100+, Cited 196 times

210) ENERGY DEPENDENCE OF THE DIFFERENCES BETWEEN THE QUARK AND GLUON JET FRAGMENTATION.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-95-164, Nov 1995. 34pp.

Published in **Z.Phys.C70:179-196,1996**, TOPCITE = 50+, Cited 68 times

- 211) **A PRECISE MEASUREMENT OF THE TAU LEPTON LIFETIME.**
 By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-95-154, Oct 1995. 18pp.
 Published in **Phys.Lett.B365:448-460,1996**
- 212) **SEARCH FOR PROMPTLY PRODUCED HEAVY QUARKONIUM STATES IN HADRONIC Z DECAYS.**
 By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-95-145, Oct 1995. 20pp.
 Published in **Z.Phys.C69:575-584,1996**
- 213) **MEASUREMENT OF INCLUSIVE PI0 PRODUCTION IN HADRONIC Z0 DECAYS.**
 By DELPHI Collaboration (W. Adam *et al.*). CERN-PPE-95-144, Oct 1995. 30pp.
 Published in **Z.Phys.C69:561-574,1996**
- 214) **MEASUREMENT OF DELTA++ (1232) PRODUCTION IN HADRONIC Z DECAYS.**
 By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-95-130, Aug 1995. 18pp.
 Published in **Phys.Lett.B361:207-220,1995**
- 215) **PERFORMANCE OF THE BARREL RING IMAGING CHERENKOV COUNTER OF DELPHI.**
 G. Van Apeldoorn *et al.*. 1994.
 Published in **IEEE Trans.Nucl.Sci.41:866-870,1994**
- 216) **UPPER LIMITS ON THE BRANCHING RATIOS TAU --> MU GAMMA AND TAU --> E GAMMA.**
 By DELPHI Collaboration (P. Abreu *et al.*). Published in **Phys.Lett.B359:411-421,1995**
- 217) **A MEASUREMENT OF THE TAU LEPTONIC BRANCHING FRACTIONS.**
 By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-95-114, Jul 1995. 14pp.
 Published in **Phys.Lett.B357:715-724,1995**
- 218) **STUDY OF PROMPT PHOTON PRODUCTION IN HADRONIC Z0 DECAYS.**
 By DELPHI Collaboration (P. Abreu *et al.*). Published in **Z.Phys.C69:1-14,1995**
- 219) **SEARCH FOR EXCLUSIVE CHARMLESS B MESON DECAYS WITH THE DELPHI DETECTOR AT LEP.**
 By DELPHI Collaboration (P. Abreu *et al.*). Published in **Phys.Lett.B357:255-266,1995**
- 220) **A MEASUREMENT OF THE PHOTON STRUCTURE FUNCTION F2(GAMMA) AT AN AVERAGE Q**2 OF 12-GEV**2/C**4.**
 By DELPHI Collaboration (Published in **Z.Phys.C69:223-234,1996** TOPCITE = 50+, Cited 63 times)
- 221) **OBSERVATION OF SHORT RANGE THREE PARTICLE CORRELATIONS IN E+ E- ANNIHILATIONS AT LEP ENERGIES.**
 By DELPHI Collaboration (P. Abreu *et al.*). Published in **Phys.Lett.B355:415-424,1995**
- 222) **LIFETIME AND PRODUCTION RATE OF BEAUTY BARYONS FROM Z DECAYS.**
 By DELPHI Collaboration (P. Abreu *et al.*). Published in **Z.Phys.C68:375-390,1995**
- 223) **A MEASUREMENT OF B+ AND B0 LIFETIMES USING ANTI-D LEPTON+ EVENTS.**
 By DELPHI Collaboration (P. Abreu *et al.*). Published in **Z.Phys.C68:13-24,1995**
- 224) **LIFETIMES OF CHARGED AND NEUTRAL B HADRONS USING EVENT TOPOLOGY.**
 By DELPHI Collaboration (W. Adam *et al.*). Published in **Z.Phys.C68:363-374,1995**

- 225) **B* PRODUCTION IN Z DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). Published in **Z.Phys.C68:353-362,1995**
- 226) **STRANGE BARYON PRODUCTION IN Z HADRONIC DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). Published in **Z.Phys.C67:543-554,1995**
- 227) **INCLUSIVE MEASUREMENTS OF THE K+- AND P / ANTI-P PRODUCTION IN HADRONIC Z0 DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-95-28, CERN-PPE-95-028, Mar 1995. 38pp.
Published in **Nucl.Phys.B444:3-26,1995**
- 228) **MEASUREMENTS OF THE TAU POLARIZATION IN Z0 DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-95-030, CERN-PPE-95-30, Mar 1995. 38pp.
Published in **Z.Phys.C67:183-202,1995**
- 229) **PRODUCTION OF STRANGE B BARYONS DECAYING INTO XI+- - LEPTON+- PAIRS AT LEP.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-95-029, CERN-PPE-95-29, Mar 1995. 27pp.
Published in **Z.Phys.C68:541-554,1995**
- 230) **THE RING IMAGING CHERENKOV DETECTOR OF DELPHI.**
W. Adam *et al.*. 1994.
Published in **Nucl.Instrum.Meth.A343:68-73,1994**
- 231) **MEASUREMENT OF GAMMA (B ANTI-B) / GAMMA (HADRONS) USING IMPACT PARAMETER MEASUREMENTS AND LEPTON IDENTIFICATION.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-95-08, CERN-PPE-95-8, CERN-PPE-95-008, Jan 1995. 32pp.
Published in **Z.Phys.C66:323-340,1995** , TOPCITE = 50+, Cited 70 times
- 232) **PRODUCTION OF CHARGED PARTICLES, K0(S), K+-, P AND LAMBDA IN Z --> B ANTI-B EVENTS AND IN THE DECAY OF B HADRONS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-95-01, CERN-PPE-95-1, CERN-PPE-95-001, Jan 1995. 27pp.
Published in **Phys.Lett.B347:447-466,1995** , TOPCITE = 50+, Cited 63 times
- 233) **FIRST MEASUREMENT OF THE STRANGE QUARK ASYMMETRY AT THE Z0 PEAK.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-219, Dec 1994. 24pp.
Published in **Z.Phys.C67:1-14,1995**
- 234) **SEARCH FOR HEAVY NEUTRAL HIGGS BOSONS IN TWO DOUBLET MODELS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-218, Dec 1994. 23pp.
Published in **Z.Phys.C67:69-80,1995**
- 235) **OBSERVATION OF ORBITALLY EXCITED B MESONS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-210, Dec 1994. 13pp.
Published in **Phys.Lett.B345:598-608,1995** , TOPCITE = 50+, Cited 97 times

236) MEASUREMENT OF THE FORWARD - BACKWARD ASYMMETRY OF CHARM AND BOTTOM QUARKS AT THE Z POLE USING D^{*+} - MESONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-193, Nov 1994. 24pp.
Published in **Z.Phys.C66:341-354,1995**

237) FIRST EVIDENCE OF HARD SCATTERING PROCESSES IN SINGLE TAGGED GAMMA GAMMA COLLISIONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-163, Oct 1994. 15pp.
Published in **Phys.Lett.B342:402-416,1995**

238) MEASUREMENT OF THE FORWARD - BACKWARD ASYMMETRY OF $E^+ E^- \rightarrow Z \rightarrow B \text{ ANTI-B}$ USING PROMPT LEPTONS AND A LIFETIME TAG.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-161, Sep 1994. 30pp.
Published in **Z.Phys.C65:569-586,1995**

239) MEASUREMENT OF TIME DEPENDENT $B(D)^0$ - ANTI- $B(D)^0$ MIXING.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-132, Aug 1994. 14pp.
Published in **Phys.Lett.B338:409-420,1994**

240) MEASUREMENT OF THE GAMMA ($B \text{ ANTI-B}$) / GAMMA (HADRON) BRANCHING RATIO OF THE Z BY DOUBLE HEMISPHERE TAGGING.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-131, Aug 1994. 26pp.
Published in **Z.Phys.C65:555-568,1995**

241) PRODUCTION CHARACTERISTICS OF K_0 AND LIGHT MESON RESONANCES IN HADRONIC DECAYS OF THE Z^0 .

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-130, Aug 1994. 35pp.
Published in **Z.Phys.C65:587-602,1995** .TOPCITE = 50+,Cited 62 times

242) J/ψ PRODUCTION IN THE HADRONIC DECAYS OF THE Z.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-099, CERN-PPE-94-99, Jun 1994. 16pp.
Published in **Phys.Lett.B341:109-122,1994**

243) A STUDY OF RADIATIVE MUON PAIR EVENTS AT Z^0 ENERGIES AND LIMITS ON AN ADDITIONAL Z-PRIME GAUGE BOSON.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-121, Jul 1994. 29pp.
Published in **Z.Phys.C65:603-618,1995**

244) CHARGED KAON PRODUCTION IN TAU DECAYS AT LEP.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-088, CERN-PPE-94-88, Jun 1994. 17pp.
Published in **Phys.Lett.B334:435-449,1994**

245) SEARCH FOR PAIR PRODUCED HEAVY SCALARS IN Z^0 DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-83, CERN-PPE-94-083, Jun 1994. 22pp.
Published in **Z.Phys.C64:183-194,1994**

246) MEASUREMENT OF THE B^0 - ANTI- B^0 MIXING PARAMETER IN DELPHI.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-67, CERN-PPE-94-067, May 1994. 14pp.
Published in **Phys.Lett.B332:488-500,1994**

247) SEARCH FOR THE STANDARD MODEL HIGGS BOSON IN Z^0 DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-46-REV, CERN-PPE-94-046-REV, CERN-PPE-94-46, CERN-PPE-94-046, Mar 1994. 33pp.
Published in **Nucl.Phys.B421:3-37,1994**

- 248) **MEASUREMENT OF THE $E^+ E^- \rightarrow \text{GAMMA GAMMA}$ (GAMMA) CROSS-SECTION AT LEP ENERGIES.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-036, CERN-PPE-94-36, Feb 1994. 11pp.
Published in **Phys.Lett.B327:386-396,1994**
- 249) **IMPROVED MEASUREMENTS OF CROSS-SECTIONS AND ASYMMETRIES AT THE Z^0 RESONANCE.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-031, CERN-PPE-94-31, Feb 1994. 18pp.
Published in **Nucl.Phys.B418:403-427,1994** ,TOPCITE = 50+,| Cited 69 times
- 250) **A PRECISION MEASUREMENT OF THE AVERAGE LIFETIME OF B HADRONS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-024, CERN-PPE-94-24, Feb 1994. 27pp.
Published in **Z.Phys.C63:3-16,1994**
- 251) **A MEASUREMENT OF THE $B(S)^0$ MESON MASS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-022, CERN-PPE-94-22, Feb 1994. 10pp.
Published in **Phys.Lett.B324:500-508,1994**
- 252) **MEASUREMENTS OF THE LINE SHAPE OF THE Z^0 AND DETERMINATION OF ELECTROWEAK PARAMETERS FROM ITS HADRONIC AND LEPTONIC DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-08, CERN-PPE-94-008, CERN-PPE-94-8, Jan 1994. 48pp.
Published in **Nucl.Phys.B417:3-57,1994, Erratum-ibid.B426:244,1994** (Revised version in journal)
- 253) **STUDY OF HARD SCATTERING PROCESSES IN MULTI - HADRON PRODUCTION FROM GAMMA GAMMA COLLISIONS AT LEP.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-04, CERN-PPE-94-004, CERN-PPE-94-4, Jan 1994. 16pp.
Published in **Z.Phys.C62:357-366,1994**
- 254) **INTERFERENCE OF NEUTRAL KAONS IN THE HADRONIC DECAYS OF THE Z^0 .**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-03, CERN-PPE-94-003, CERN-PPE-94-3, Jan 1994. 12pp.
Published in **Phys.Lett.B323:242-252,1994**
- 255) **INVARIANT MASS DEPENDENCE OF PARTICLE CORRELATIONS IN HADRONIC FINAL STATES FROM THE DECAY OF THE Z^0 .**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-94-02, CERN-PPE-94-002, CERN-PPE-94-2, Jan 1994. 29pp.
Published in **Z.Phys.C63:17-28,1994**
- 256) **MEASUREMENT OF THE B^0 - ANTI- B^0 MIXING USING THE AVERAGE ELECTRIC CHARGE OF HADRON JETS IN Z^0 DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-220, Dec 1993. 19pp.
Published in **Phys.Lett.B322:459-472,1994**
- 257) **PRODUCTION OF LAMBDA AND LAMBDA ANTI-LAMBDA CORRELATIONS IN THE HADRONIC DECAYS OF THE Z^0 .**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-171, Sep 1993. 20pp.
Published in **Phys.Lett.B318:249-262,1993**

258) PRODUCTION RATE AND DECAY LIFETIME MEASUREMENTS OF B(S)0 MESONS AT LEP USING D(S) AND PHI MESONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-176, Sep 1993. 24pp.
Published in **Z.Phys.C61:407-420,1994**

259) LIMITS ON THE PRODUCTION OF SCALAR LEPTOQUARKS FROM Z0 DECAYS AT LEP.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-161, Aug 1993. 11pp.
Published in **Phys.Lett.B316:620-630,1993**

260) THE BARREL RING IMAGING CHERENKOV COUNTER OF DELPHI.

E.G. Anassontzis *et al.*. 1992.
Published in **Nucl.Instrum.Meth.A323:351-362,1992** (No.3)

261) SEARCH FOR Z0 DECAYS TO TWO LEPTONS AND A CHARGED PARTICLE - ANTI-PARTICLE PAIR.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-77, May 1993. 20pp.
Published in **Nucl.Phys.B403:3-24,1993**

262) A MEASUREMENT OF THE MEAN LIFETIMES OF CHARGED AND NEUTRAL B HADRONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-80, May 1993. 15pp.
Published in **Phys.Lett.B312:253-266,1993**

263) A MEASUREMENT OF D MESON PRODUCTION IN Z0 HADRONIC DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-70, Apr 1993. 25pp.
Published in **Z.Phys.C59:533-546,1993**, **Erratum-ibid.C65:709-710,1995** TOPCITE = 50+, Cited 55 times

264) DETERMINATION OF ALPHA-S FROM THE SCALING VIOLATION IN THE FRAGMENTATION FUNCTIONS IN E+ E- ANNIHILATION.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-69, Apr 1993. 25pp.
Published in **Phys.Lett.B311:408-424,1993** TOPCITE = 50+, Cited 58 times

265) DETERMINATION OF ALPHA-S FOR B QUARKS AT THE Z0 RESONANCE.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-59, Mar 1993. 21pp.
Published in **Phys.Lett.B307:221-236,1993**

266) DETERMINATION OF ALPHA-S USING THE NEXT-TO-LEADING LOG APPROXIMATION OF QCD.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-43, Mar 1993. 27pp.
Published in **Z.Phys.C59:21-34,1993** TOPCITE = 50+, Cited 59 times

267) MEASUREMENT OF LAMBDA(B) PRODUCTION AND LIFETIME IN Z0 HADRONIC DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-32, Feb 1993. 14pp.
Published in **Phys.Lett.B311:379-390,1993**

268) MEASUREMENT OF THE TRIPLE GLUON VERTEX FROM FOUR - JET EVENTS AT LEP.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-29, Feb 1993. 27pp.
Published in **Z.Phys.C59:357-368,1993** TOPCITE = 50+, Cited 55 times

269) A MEASUREMENT OF THE TAU LIFETIME.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-93-12, Jan 1993. 17pp.
Published in **Phys.Lett.B302:356-368,1993**

270) A STUDY OF B⁰ - ANTI-B⁰ MIXING USING SEMILEPTONIC DECAYS OF B HADRONS PRODUCED FROM Z⁰.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-92-203, Dec 1992. 14pp.
Published in **Phys.Lett.B301:145-154,1993**

271) A SEARCH FOR LEPTON FLAVOR VIOLATION IN Z⁰ DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-92-190, Nov 1992. 13pp.
Published in **Phys.Lett.B298:247-256,1993**

272) MEASUREMENT OF INCLUSIVE PRODUCTION OF LIGHT MESON RESONANCES IN HADRONIC DECAYS OF THE Z⁰.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-92-183, Oct 1992. 13pp.
Published in **Phys.Lett.B298:236-246,1993**

273) CLASSIFICATION OF THE HADRONIC DECAYS OF THE Z⁰ INTO B AND C QUARK PAIRS USING A NEURAL NETWORK.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-92-151, Sep 1992. 17pp.
Published in **Phys.Lett.B295:383-395,1992**

274) A MEASUREMENT OF B MESON PRODUCTION AND LIFETIME USING D LEPTON-EVENTS IN Z⁰ DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-92-174, Oct 1992. 30pp.
Published in **Z.Phys.C57:181-196,1993** TOPCITE = 50+, Cited 75 times

275) MULTIPLICITY FLUCTUATIONS IN HADRONIC FINAL STATES FROM THE DECAY OF THE Z⁰.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-92-120, Jul 1992. 18pp.
Published in **Nucl.Phys.B386:471-492,1992**

276) EVIDENCE FOR B(S)⁰ MESON PRODUCTION IN Z⁰ DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-92-104, Jun 1992. 15pp.
Published in **Phys.Lett.B289:199-210,1992** TOPCITE = 50+, Cited 64 times

277) BOSE-EINSTEIN CORRELATIONS IN THE HADRONIC DECAYS OF THE Z⁰.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-92-075, CERN-PPE-92-75, May 1992. 14pp.
Published in **Phys.Lett.B286:201-210,1992** TOPCITE = 50+, Cited 76 times

278) MEASUREMENT OF THE PARTIAL WIDTH OF THE Z⁰ INTO B ANTI-B FINAL STATES USING THEIR SEMILEPTONIC DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-92-079, CERN-PPE-92-79, May 1992. 33pp.
Published in **Z.Phys.C56:47-62,1992**

279) CHARGED PARTICLE MULTIPLICITY DISTRIBUTIONS FOR FIXED NUMBER OF JETS IN Z⁰ HADRONIC DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-92-064, CERN-PPE-92-64, Apr 1992. 22pp.
Published in **Z.Phys.C56:63-76,1992**

280) A STUDY OF THE DECAYS OF TAU LEPTONS PRODUCED ON THE Z RESONANCE AT LEP.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-92-060, CERN-PPE-92-60, Apr 1992. 29pp.
Published in **Z.Phys.C55:555-568,1992** TOPCITE = 50+, | Cited 57 times

281) DETERMINATION OF ALPHA(S) IN SECOND ORDER QCD FROM HADRONIC Z DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-181-REV, CERN-PPE-91-181, Jan 1992. 45pp.

Revised version.

Published in **Z.Phys.C54:55-74,1992** TOPCITE = 50+, Cited 68 times

282) STUDY OF CHARM PHOTOPRODUCTION MECHANISMS.

By NA14/2 Collaboration (M.P. Alvarez *et al.*). CERN-PPE-92-028, Feb 1992. 14pp.

Published in **Z.Phys.C60:53-62,1993** TOPCITE = 50+, Cited 66 times

283) CHARGED PARTICLE MULTIPLICITY DISTRIBUTIONS IN RESTRICTED RAPIDITY INTERVALS IN Z0 HADRONIC DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). 1991.

Published in **Z.Phys.C52:271-281,1991** TOPCITE = 50+, Cited 58 times

284) MEASUREMENT OF THE Z0 BRANCHING FRACTION TO B QUARK PAIRS USING THE BOOSTED SPHERICITY PRODUCT.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-92-007, Jan 1992. 17pp.

Published in **Phys.Lett.B281:383-393,1992**

285) PRODUCTION OF STRANGE PARTICLES IN THE HADRONIC DECAYS OF THE Z0.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-207, Nov 1991. 19pp.

Published in **Phys.Lett.B275:231-242,1992** TOPCITE = 50+, Cited 66 times

286) A MEASUREMENT OF THE B ANTI-B FORWARD BACKWARD ASYMMETRY USING THE SEMILEPTONIC DECAY INTO MUONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-213, Dec 1991. 16pp.

Published in **Phys.Lett.B276:536-546,1992**

287) A MEASUREMENT OF $\sin^2\theta(W)$ FROM THE CHARGE ASYMMETRY OF HADRONIC EVENTS AT THE Z0 PEAK.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-211, Nov 1991. 18pp.

Published in **Phys.Lett.B277:371-382,1992** Also in Lepton/Photon Symp.1991:v.1:15-17 (QCD161:171:1991) (Presented by Schael in proceedings)

288) D ANTI-D CORRELATIONS IN PHOTOPRODUCTION.

By NA14/2 Collaboration (M.P. Alvarez *et al.*). CERN-PPE-91-209, Nov 1991. 13pp.

Published in **Phys.Lett.B278:385-392,1992**

289) MULTIPLICITY DEPENDENCE OF MEAN TRANSVERSE MOMENTUM IN E+ E- ANNIHILATIONS AT LEP ENERGIES.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-194, Nov 1991. 16pp.

Published in **Phys.Lett.B276:254-262,1992**

290) SEARCHES FOR HEAVY NEUTRINOS FROM Z DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-175, Oct 1991. 16pp.

Published in **Phys.Lett.B274:230-238,1992**

291) STUDY OF FINAL STATE PHOTONS IN HADRONIC Z0 DECAY AND LIMITS ON NEW PHENOMENA.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-174, Oct 1991. 24pp.

Published in **Z.Phys.C53:555-566,1992**

292) MEASUREMENT OF THE AVERAGE LIFETIME OF B HADRONS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-131, Aug 1991. 32pp.

Published in **Z.Phys.C53:567-580,1992**

- 293) **A SEARCH FOR NEUTRAL HIGGS PARTICLES IN Z0 DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-132, Aug 1991. 32pp.
Published in **Nucl.Phys.B373:3-34,1992** TOPCITE = 50+, Cited 62 times
- 294) **SEARCH FOR SCALAR LEPTOQUARKS FROM Z0 DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-138, Aug 1991. 13pp.
Published in **Phys.Lett.B275:222-230,1992**
- 295) **A MEASUREMENT OF THE LIFETIME OF THE TAU LEPTON.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-115, Jul 1991. 15pp.
Published in **Phys.Lett.B267:422-430,1991**
- 296) **THE REACTION $E^+ E^- \rightarrow \text{GAMMA GAMMA (GAMMA)}$ AT Z0 ENERGIES.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-109, Jul 1991. 16pp.
Published in **Phys.Lett.B268:296-304,1991**
- 297) **STUDY OF ORIENTATION OF THREE JET EVENTS IN Z0 HADRONIC DECAYS USING THE DELPHI DETECTOR.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-79, May 1991. 15pp.
Published in **Phys.Lett.B274:498-506,1992**
- 298) **SEARCH FOR EXCITED CHARGED LEPTONS IN Z0 DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-100, Jun 1991. 19pp.
Published in **Z.Phys.C53:41-49,1992**
- 299) **DETERMINATION OF Z0 RESONANCE PARAMETERS AND COUPLINGS FROM ITS HADRONIC AND LEPTONIC DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-95, Jun 1991. 60pp.
Published in **Nucl.Phys.B367:511-574,1991** TOPCITE = 100+, Cited 106 times
- 300) **A STUDY OF THE REACTION $E^+ E^- \rightarrow \mu^+ \mu^-$ AROUND THE Z0 POLE.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-91-43, Mar 1991. 15pp.
Published in **Phys.Lett.B260:240-248,1991**
- 301) **SEARCH FOR LOW MASS HIGGS BOSONS PRODUCED IN Z0 DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-90-193, Dec 1990. 28pp.
Published in **Z.Phys.C51:25-36,1991**
- 302) **EXPERIMENTAL STUDY OF THE TRIPLE GLUON VERTEX.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-90-174, Nov 1990. 12pp.
Published in **Phys.Lett.B255:466-476,1991** TOPCITE = 50+, Cited 51 times
- 303) **CHARGED PARTICLE MULTIPLICITY DISTRIBUTIONS IN Z0 HADRONIC DECAYS.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-90-173, Nov 1990. 23pp.
Published in **Z.Phys.C50:185-194,1991** TOPCITE = 100+, Cited 119 times
- 304) **SEARCH FOR NONSTANDARD Z0 DECAYS IN TWO PARTICLE FINAL STATES.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-90-167, Nov 1990. 18pp.
Contributed to Int. Conf. on High Energy Physics, Singapore, Aug 2-8, 1990.
- 305) **SEARCH FOR HIGGS BOSONS USING THE DELPHI DETECTOR.**
By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-90-163, Nov 1990. 10pp.
Contributed to Int. Conf. on High Energy Physics, Singapore, Aug 2-8, 1990.
- 306) **RESULTS CONCERNING THE DECAY $D(S)^+ \rightarrow \eta \text{-PRIME } \pi^+ \text{-}$.**
By NA14/2 Collaboration (M.P. Alvarez *et al.*). CERN-PPE-90-179, Nov 1990. 7pp.
Published in **Phys.Lett.B255:639-643,1991**

307) RECENT RESULTS FROM THE DELPHI BARREL RING IMAGING CHERENKOV COUNTER.

E.G. Anassontzis *et al.*. CERN-PPE-90-153, Oct 1990. 8pp.
Presented at the 1990 IEEE Nuclear Science Symp., Arlington, VA, Oct 23-27, 1990.
Published in **IEEE Trans.Nucl.Sci.38:417-423,1991** Also in Nucl.Sci.Symp.1990:0417-423

308) THE DELPHI DETECTOR AT LEP.

By DELPHI Collaboration (P.A. Aarnio *et al.*). CERN-PPE-90-128, CERN-EF-90-5, Sep 1990. 73pp.
Published in **Nucl.Instrum.Meth.A303:233-276,1991** TOPCITE = 250+,Cited 375 times

309) MEASUREMENT OF THE PARTIAL WIDTH OF THE DECAY OF THE Z0 INTO CHARM QUARK PAIRS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-90-123, Aug 1990. 14pp.
Published in **Phys.Lett.B252:140-148,1990**

310) ENERGY-ENERGY CORRELATIONS IN HADRONIC FINAL STATES FROM Z0 DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-90-122, Aug 1990. 13pp.
Published in **Phys.Lett.B252:149-158,1990**

311) CHARGED MULTIPLICITY AND RAPIDITY DISTRIBUTIONS IN Z0 HADRONIC DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-90-117, Aug 1990. 28pp.
Contributed to the Int. Conf. on High Energy Physics, Singapore, Aug 2-8, 1990.

312) BRANCHING RATIOS AND PROPERTIES OF D MESON DECAYS.

By NA14/2 Collaboration (M.P. Alvarez *et al.*). CERN-PPE-90-112, Aug 1990. 21pp.
Published in **Z.Phys.C50:11-20,1991**

313) A MEASUREMENT OF THE PARTIAL WIDTH OF THE Z0 BOSON INTO B QUARK PAIRS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-90-118, Aug 1990. 10pp.
Contributed to the Int. Conf. on High Energy Physics, Singapore, Aug 2-8, 1990.Also,
Physics Letters B
Volume 252, Issue 1 , 6 December 1990, Pages 140-148

314) DELPHI RESULTS ON THE Z0 RESONANCE PARAMETERS THROUGH ITS HADRONIC AND LEPTONIC DECAY MODES.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-PPE-90-119, Aug 1990. 19pp.
Contributed to the Int. Conf. on High Energy Physics, Singapore, Aug 2-8, 1990.

315) A COMPARISON OF JET PRODUCTION RATES ON THE Z0 RESONANCE TO PERTURBATIVE QCD.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-90-89, Jun 1990. 14pp.
Published in **Phys.Lett.B247:167-176,1990** TOPCITE = 50+,Cited 87 times

316) A SEARCH FOR SLEPTONS AND GAUGINOS IN Z0 DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-90-80, Jun 1990. 19pp.
Published in **Phys.Lett.B247:157-166,1990** TOPCITE = 50+Cited 83 times

317) A STUDY OF INTERMITTENCY IN HADRONIC Z0 DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-90-78, Jun 1990. 20pp.
Published in **Phys.Lett.B247:137-147,1990** TOPCITE = 50+,Cited 71 times

318) SEARCH FOR SCALAR QUARKS IN Z0 DECAYS.

By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-90-79, Jun 1990. 19pp.
Published in **Phys.Lett.B247:148-156,1990**

- 319) **MEASUREMENT OF D(S)⁺- AND CABIBBO SUPPRESSED D⁺- DECAYS.**
 By NA14/2 Collaboration (M.P. Alvarez *et al.*). CERN-EP-90-65, May 1990. 8pp.
 Published in **Phys.Lett.B246:261-266,1990**
- 320) **PHOTOPRODUCTION OF THE LAMBDA(C) CHARMED BARYON.**
 By NA14/2 Collaboration (M.P. Alvarez *et al.*). CERN-EP-90-66, May 1990. 7pp.
 Published in **Phys.Lett.B246:256-260,1990**
- 321) **SEARCH FOR PAIR PRODUCTION OF NEUTRAL HIGGS BOSONS IN Z0 DECAYS.**
 By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-90-60, May 1990. 20pp.
 Published in **Phys.Lett.B245:276-288,1990** TOPCITE = 50+, Cited 71 times
- 322) **SEARCH FOR LIGHT NEUTRAL HIGGS PARTICLES PRODUCED IN Z0 DECAYS.**
 By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-90-44, Apr 1990. 18pp.
 Published in **Nucl.Phys.B342:1-14,1990** TOPCITE = 50+, Cited 68 times
- 323) **SEARCH FOR THE T AND B-PRIME QUARKS IN HADRONIC DECAYS OF THE Z0 BOSON.**
 By Delphi Collaboration (P. Abreu *et al.*). CERN-EP-90-46, Apr 1990. 12pp.
 Published in **Phys.Lett.B242:536-546,1990**
- 324) **SEARCH FOR HEAVY CHARGED SCALARS IN Z0 DECAYS.**
 By Delphi Collaboration (P. Abreu *et al.*). CERN-EP-90-33, Mar 1990. 15pp.
 Published in **Phys.Lett.B241:449-458,1990** TOPCITE = 50+, Cited 53 times
- 325) **A PRECISE MEASUREMENT OF THE Z RESONANCE PARAMETERS THROUGH ITS HADRONIC DECAYS.**
 By DELPHI Collaboration (P. Abreu *et al.*). CERN-EP-90-32, Mar 1990. 18pp.
 Published in **Phys.Lett.B241:435-448,1990** TOPCITE = 50+| Cited 94 times
- 326) **STUDY OF THE LEPTONIC DECAYS OF THE Z0 BOSON.**
 By DELPHI Collaboration (P.A. Aarnio *et al.*). CERN-EP-90-31, Mar 1990. 14pp.
 Published in **Phys.Lett.B241:425-434,1990** Also in Moriond 1990: Electroweak:79-92
 (QCD161:R4:1990:V.1)
- 327) **LIFETIME MEASUREMENTS OF THE D⁺, D₀, D(S)⁺ AND LAMBDA(C)⁺ CHARMED PARTICLES.**
 By NA14/2 Collaboration (M.P. Alvarez *et al.*). CERN-EP/90-26, Feb 1990. 19pp.
 Published in **Z.Phys.C47:539-546,1990**
- 328) **STUDY OF HADRONIC DECAYS OF THE Z0 BOSON.**
 By Delphi Collaboration (P.A. Aarnio *et al.*). CERN-EP-90-19, Feb 1990. 24pp.
 Published in **Phys.Lett.B240:271,1990** TOPCITE = 100+| Cited 107 times
- 329) **MEASUREMENT OF THE MASS AND WIDTH OF THE Z0 PARTICLE FROM MULTI - HADRONIC FINAL STATES PRODUCED IN E⁺ E⁻ ANNIHILATIONS.**
 By Delphi Collaboration (P.A. Aarnio *et al.*). CERN-EP-89-134, Oct 1989. 11pp.
 Published in **Phys.Lett.B231:539,1989** TOPCITE = 250+, Cited 275 times
- 330) **CHARM PHOTOPRODUCTION RESULTS FROM NA14.**
 By NA14 Collaboration (M.P. Alvarez *et al.*). CERN-EP-88-148, Oct 1988. 35pp.
 Contribution to 24th Int. Conf. on High Energy Physics, Munich, West Germany, Aug 4-10, 1988.
- 331) **CHARM PHOTOPRODUCTION AND LIFETIMES FROM THE NA14/2 EXPERIMENT.**
 T.A. Filippas *et al.*. CERN-EP/87-211, Nov 1987. 9pp.
 Talk given at the Int. Sympos. on the Production and Decay of Heavy Flavors, Stanford, Calif., Sep 1-5, 1987.

Published in Warsaw Sympos.1987:247 ([QCD161:W3:1987](#)) (*Presented by Bloch in Warsaw*) Also in SLAC Heavy Flavours 1987:467 ([QCD161:I732:1987](#))

332) MEASUREMENT OF J / PSI AND PSI-PRIME REAL PHOTOPRODUCTION ON LI-6 AT A MEAN ENERGY OF 90-GEV.

By NA14 Collaboration (R. Barate *et al.*). CERN-EP-86-180, Nov 1986. 22pp.
Published in **Z.Phys.C33:505,1987** Also in Bari Europhys.High Energy 1985:271 ([QCD161:I48:1985](#)) (*David author in proceedings*) TOPCITE = 50+, Cited 88 times

333) TOPOLOGICAL ISOLATION OF THE DEEP INELASTIC QED COMPTON SCATTERING.

By NA14 Collaboration (E. Auge *et al.*). LAL-86-32, CERN-EP-86-176, Sep 1986. 8pp.
Published in **Phys.Lett.B182:409,1986**

334) PHOTOPRODUCTION OF CHARGED HADRONS AT LARGE TRANSVERSE MOMENTA.

By NA14 COLLABORATION (R. Barate *et al.*). 1986.
Published in **Phys.Lett.B174:458-464,1986**

335) DELPHI: TECHNICAL PROPOSAL.

W. Bartl *et al.*. DELPHI-83-66-1, CERN-LEPC-83-3, LEPC-P-2, May 1983. 237pp.
See also the BOOKS subfile under the following call number: QCD197:E953.

336) HIGH-ENERGY PHOTOPRODUCTION OF LARGE TRANSVERSE MOMENTUM PION MESONS: A QUANTITATIVE TEST OF QCD.

By NA14 Collaboration (E. Auge *et al.*). LAL-86-01, CERN-EP-86-08, Jan 1986. 14pp.
Published in **Phys.Lett.B168:163,1986** TOPCITE = 50+| Cited 50 times

337) MEASUREMENT OF DEEP INELASTIC COMPTON SCATTERING OF HIGH-ENERGY PHOTONS.

By NA14 Collaboration (P. Astbury *et al.*). CERN-EP-85-07, Jan 1985. 19pp.
Published in **Phys.Lett.B152:419,1985** TOPCITE = 50+Cited 58 times

338) A STUDY OF CHARGED PARTICLES ASSOCIATED WITH HIGH P(T) PHOTONS AND PION'S.

E. Anassontzis *et al.*. BNL-31121, CONF-810760-1, Jul 1981. 15pp.
Contributed to Int. Conf. on High Energy Physics, Lisbon, Portugal, Jul 9-15, 1981.

339) SEARCH FOR MASSIVE PHOTON PAIR PRODUCTION AT THE CERN INTERSECTING STORAGE RINGS.

C. Kourkoumelis *et al.*. CERN-EP/82-108, BNL-31955, Jul 1982. 20pp.
Published in **Z.Phys.C16:101,1982**

340) THE STRUCTURE OF EVENTS WITH A HIGH P(T) PION OR SINGLE PHOTON. (TALK).

By ATHENS-BROOKHAVEN-CERN-COPENHAGEN-LUND-RUTHERFORD-TEL-AVIV COLLABORATION (B.S. Nielsen *et al.*). 1980.
In *Les Arcs 1980, Proceedings, Elementary Constituents and Hadronic Structure, Vol. 1*, 255-261.

341) PRODUCTION OF PION AT LARGE TRANSVERSE MOMENTUM IN ALPHA ALPHA AND ALPHA P COLLISIONS AT THE CERN INTERSECTING STORAGE RINGS.

A. Karabarounis *et al.*. CERN-EP/81-46, May 1981. 10pp.
Published in **Phys.Lett.B104:75,1981**

- 342) **STUDY OF HIGH TRANSVERSE MOMENTUM π^0 PAIRS PRODUCED AT THE CERN ISR.**
C. Kourkoumelis *et al.*. CERN-EP-80-160, Aug 1980. 10pp.
Published in **Phys.Rev.Lett.****45:966,1980**
- 343) **OBSERVED DIFFERENCE IN THE STRUCTURE OF EVENTS WITH A HIGH P(T) π^0 OR SINGLE PHOTON.**
C. Kourkoumelis *et al.*. CERN-EP/80-136, Jul 1980. 12pp.
Published in **Nucl.Phys.B****179:1,1981**
- 344) **A STUDY OF THE PRODUCTION OF HIGH P(T) π^0 'S AT THE CERN INTERSECTING STORAGE RINGS.**
C. Kourkoumelis *et al.*. CERN-EP-80-07-REV, CERN-EP-80-07, Mar 1980. 27pp.
Revised Version.
Published in **Z.Phys.C****5:95,1980** TOPCITE = 50+Cited 65 times
- 345) **CHARACTERISTICS OF J / ψ AND UPSILON PRODUCTION AT THE CERN INTERSECTING STORAGE RINGS.**
C. Kourkoumelis *et al.*. CERN-EP/80-09, Jan 1980. 11pp.
Published in **Phys.Lett.B****91:481,1980** TOPCITE = 50+| Cited 74 times
- 346) **STUDY OF MASSIVE ELECTRON PAIR PRODUCTION AT THE CERN INTERSECTING STORAGE RINGS.**
C. Kourkoumelis *et al.*. CERN-EP/80-08, Jan 1980. 11pp.
Published in **Phys.Lett.B****91:475,1980** TOPCITE = 50+| Cited 58 times
- 347) **CHI PRODUCTION AT THE CERN INTERSECTING STORAGE RINGS. (TALK).**
C. Kourkoumelis *et al.*. 1978.
In *Bielefeld 1978, Proceedings, Lepton-pair Production In Hadron-hadron Collisions*,
Bielefeld 1979, 36-43.
- 348) **THE ASSOCIATED CHARGED PARTICLE MULTIPLICITY OF HIGH P(T) π^0 AND SINGLE PHOTON EVENTS.**
M. Diakonou *et al.*. CERN-EP-80-03, Jan 1980. 12pp.
Published in **Phys.Lett.B****91:301,1980**
- 349) **A MEASUREMENT OF DIRECT PHOTON PRODUCTION AT LARGE P(T) AT THE CERN ISR.**
M. Diakonou *et al.*. CERN-EP/80-02, Jan 1980. 12pp.
Published in **Phys.Lett.B****91:296,1980** TOPCITE = 50+Cited 64 times
- 350) **INCLUSIVE HIGH P(T) ω AND η' PRODUCTION AT THE ISR.**
M. Diakonou *et al.*. CERN-EP 79/144, Nov 1979. 10pp.
Published in **Phys.Lett.B****89:432,1980**
- 351) **DIRECT PRODUCTION OF HIGH P(T) SINGLE PHOTONS IN P P COLLISIONS AT THE CERN ISR.**
M. Diakonou *et al.*. **Phys. Lett.** 87B, number 3, 292-296
- 352) **DIRECT PRODUCTION OF SINGLE PHOTONS AT THE CERN INTERSECTING STORAGE RINGS.**
By Athens-Athens-Brookhaven-CERN Collaboration (M. Diakonou *et al.*). Presented at EPS Int. Conf. on High Energy Physics, Geneva, Switzerland, Jun 27-Jul 4, 1979.
Published in **Phys.Lett.B****87:292,1979** (*Title changed in journal*) TOPCITE = 50+| Cited 68 times | [More Info](#)

353) MEASUREMENT OF π^0 FRAGMENTS FROM JETS PRODUCED IN P P COLLISIONS AT THE CERN ISR.

C. Kourkoumelis *et al.*. CERN-EP/79-57, BNL-26418, Jun 1979. 9pp.
Published in **Phys.Lett.B86:391,1979**

354) AZIMUTHAL CORRELATION OF A HIGH P(T) π^0 AND η WITH A SECOND π^0 PRODUCED IN P P COLLISIONS AT THE ISR.

C. Kourkoumelis *et al.*. CERN-EP/79-53, BNL-26417, May 1979. 9pp.
Published in **Phys.Lett.B85:147,1979**

355) CORRELATIONS OF HIGH TRANSVERSE MOMENTUM π^0 PAIRS PRODUCED AT THE CERN ISR.

Nuclear Physics B

Volume 158, Issue 1, 8 October 1979, Pages 39-56

356) INCLUSIVE η PRODUCTION AT HIGH P(T) AT THE ISR.

C. Kourkoumelis *et al.*. CERN-EP/79-30, Apr 1979. 12pp.
Published in **Phys.Lett.B84:277,1979** TOPCITE = 50+| Cited 59 times

357) INCLUSIVE π^0 PRODUCTION AT VERY LARGE P(T) AT THE ISR.

C. Kourkoumelis *et al.*. CERN-EP/79-29, BNL-26126, Apr 1979. 12pp.
Published in **Phys.Lett.B84:271,1979** TOPCITE = 50+, Cited 52 times

358) A STUDY OF INCLUSIVE PRODUCTION OF CHARGED PIONS IN 200-GEV/C π - π INTERACTIONS.

By E.D. Fokitis (Notre Dame U.),. FERMILAB-THESIS-1976-04, 1976.
Ph.D. Thesis.

359) STUDY OF RESOLVED HIGH P(T) NEUTRAL PIONS AT THE CERN ISR.

C. Kourkoumelis *et al.*. CERN-EP/79-12, Feb 1979. 13pp.
Published in **Phys.Lett.B83:257,1979**

360) STUDY OF χ PRODUCTION PROPERTIES AT THE CERN INTERSECTING STORAGE RINGS.

C. Kourkoumelis *et al.*. Print-79-0090 (CERN), BNL-25585, Dec 1978. 9pp.
Published in **Phys.Lett.B81:405,1979** TOPCITE = 50+| Cited 57 times

361) ELECTRON PAIRS PRODUCTION AT THE ISR.

C. Kourkoumelis *et al.*. BNL-25075, (Received Jan 1979). 22pp.
Published in Tokyo H.E.Phys.1978:0189 (QCD161:H51:1978) (*Presented by Mannelli in proceedings*)

362) STUDY OF THE CHARGE STRUCTURE OF EVENTS PRODUCED IN 200-GEV/C π - π COLLISIONS.

V.A. Sreedhar *et al.*. D77-01739, 1976.
Published in **Phys.Rev.D14:2894-2901,1976**

363) π - π CHARGE - TRANSFER CROSS-SECTIONS AT 205-GEV/C, AND AN APPARENT UNIVERSALITY OF THE CHARGE - TRANSFER SPECTRUM.

G. Hartner *et al.*. Print-76-0315 (TORONTO), Dec 1975. 13pp.
Published in **Phys.Rev.D14:711,1976** (*Levman first author in journal*)

364) OBSERVATION OF A UNIVERSAL CHARGE EXCHANGE DEPENDENCE ACROSS RAPIDITY GAPS IN 200-GEV/C π - π INTERACTIONS.

J.W. Lamsa *et al.*. Print-76-0283 (DUKE), (Received Apr 1976). 12pp.
Published in **Phys.Rev.Lett.37:73,1976**

- 365) **TWO PARTICLE CORRELATIONS IN INCLUSIVE AND SEMIINCLUSIVE PI- P REACTIONS AT 200-GEV/C.**
 N.N. Biswas *et al.*. Print-75-0944 (NOTRE DAME), (Received Oct 1975). 11pp.
 Published in **Phys.Rev.Lett.35:1059,1975**
- 366) **LEADING PARTICLES AND LEADING CLUSTERS IN PI- P SINGLE PARTICLE INCLUSIVE REACTIONS AT 200-GEV/C.**
 V.P. Kenney *et al.*. Print-75-0943 (NOTRE DAME), (Received Oct 1975). 11pp.
 To be publ. in Proc. of 1975 Palermo Conf. on High Energy Physics, Palermo, Italy, Jun 23-28, 1975.
 Published in Palermo Conf.1975:0815 (QCD161:l48:1975:V.2) (*Title changed in proceedings*)
- 367) **STUDY OF THE ENERGY AND CHARGED MULTIPLICITY DEPENDENCE OF INCLUSIVE PI- PRODUCTION IN PI- P INTERACTIONS UP TO FERMILAB ENERGIES.**
 W. Morris *et al.*. Print-75-0272 (MICHIGAN STATE), (Received Apr 1975). 12pp.
 Published in **Phys.Lett.B56:395,1975**
- 368) **Detection Efficiency and Optimization of Earth-Skimming UHECR Tau Neutrino Telescope** Maltezos S., Fokitis E., Geranios A.. 9 th ICATPP Conference on Astroparticle, Particle, Space Physics, Detectors and Medical Physics Applications. Villa Olmo, Como, Italy, 17-21 October 2005.
- 369) **Use of the Fabry-Perot Interferometer for atmospheric and night sky background monitoring in EAS detection**
 E. Fokitis^a, S. Maltezos^a, A. Aravantinos^c, A. Geranios^b, K. Patrinos^a and N. Maragos^a
 29th International Cosmic Ray Conference Pune (2005) **00**, 101-104, ICRC Proceedings (<http://icrc2005.tifr.res.in/htm/PAPERS/HE15/gre-fokitis-E-abs1-he15-oral.pdf>)
- 370) **Study and parametrization of the night sky background radiation spectrum in the range 3000–6000 Å , for use with air fluorescence detectors of UHECR,**
 P. G. MOYSSIDES, S. MALTEZOS and E. FOKITIS, journal of modern optics, 2004
 (Received 31 July 2003; final revision received 17 March 2004)
- 371) **SIMULATIONS OF EXTENSIVE AIR SHOWERS TRIGGERED BY PROTON, IRON AND GAMMA PRIMARIES**
 A. GERANIOS,, E. FOKITIS, S. MALTEZOS, K. PATRINOS, A. DIMOPOULOS
 Received (20 October 2004), Revised (27 June 2005)
 International Journal of Modern Physics A, World Scientific Publishing Company
- 372) **The energy distribution of the UHECR Extensive Air Showers recorded by fluorescence telescopes under variable optical noise conditions,** Maltezos S., Fokitis E., Geranios A. , 8th ICATPP Conference on Astroparticle, Particle, Space Physics, Detectors and Medical Physics Applications. Villa Olmo, Como, Italy, 17-21 October 2004.
- 373) **HIGH PERFORMANCE MULTILAYER NOTCH OPTICAL FILTERS FOR HIGH ENERGY DETECTOR APPLICATIONS AND THEIR COATING PROCESS CONTROL.**
 By S. Maltezos, E. Fokitis, D. Kouzis-Loukas, R. Liarokapi (Athens, Tech. U.),. Oct 2003.
 Prepared for 8th International Conference on Advanced Technology and Particle Physics (ICATPP 2003): Astroparticle, Particle, Space Physics, Detectors and Medical Physics Applications, Como, Italy, 6-10 Oct 2003.
 Published in *Como 2003, Astroparticle, particles and space physics, detectors and medical physics applications* 270-276
- 374) **New Designs of Optical Multilayer Filters for Extending the Detection of Highest Energy Cosmic Rays by Atmospheric Fluorescence Optical Telescopes in the Presence of Crescent Moonlight** Fokitis, E., Maltezos, S., Moyssides, P., and Geranios,. Proc. 7th Intern. Symp. Natural Radiation Environment, p. 389, 20-24 May 2002, Rhodes, Greece. (http://users.ntua.gr/fokitis/auger_fluor_rho_nrev02_vl.pdf).

375) **First results of optical wide-band filter production proposed for the Auger fluorescence detectors**

Fokitis, E., Geranios, A., Maltezos, S., Moysides, P., Patrinos, K., Petridis, A., Vassiliou, M., Vlastou, R.
Proc. 27th ICRC, HE 148, 7-15 August 2001, Hamburg.

376) **Simulation of the atmospheric fluorescence from EAS for calculation the photoelectrons at the PMT photocathode of FD based on recent high resolution spectral measurements of air fluorescence.**, Geranios, A., Fokitis, E., Maltezos, S., Petridis, A., Vassiliou, M., Papadakis, I., Moysides, P., Patrinos, K., Papadimitriou, D. Proc. 27th ICRC, HE 149, 7-15 August 2001, Hamburg.

377) **A VUV prism spectrometer for RICH radiator refractometry**

P. G. MOYSSIDES, S. MALTEZOS and E. FOKITIS
JOURNAL OF MODERN OPTICS, 2000, VOL. 47, NO. 10, 1693 -1706

378) **Characterization of Optical UV-Filters using Rutherford Backscattering**

Spectroscopy. R. Vlastou, E. Fokitis, S. Maltezos, G. Kalliabakos, M. Kokkoris and E. Kossionides, Published at NIM B, 161-163, 2000, pages 590-594, available from Elsevier or from http://users.ntua.gr/fokitis/vlastou_nim.pdf

379) **Evaluation Method of Optical Filters used in Fluorescence Detectors.** Geranios A., Fokitis E., Petridis, A., and Vassiliou M.

Optical Engineering, Vol., 42, N. 3, March(2003), p. 759-764. (Διατίθεται ηλεκτρονικά και από την ιστοσελίδα: <http://spiedl.aip.org/>)

380) Dova, T. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593) **Survey of the Pierre Auger Observatory**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.

381) Lloyd-Evans, J. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593) **Aperture and Precision of the Auger Surface Detector**. 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.

382) Cester, R. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593) **The Aperture, Sensitivity, and Precision of the Auger Fluorescence Detector**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.

383) Dawson, B. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593) **The Hybrid Aperture and Precision of the Auger Observatory**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.

384) Letessier-Selvon, A. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593) **Neutrino Sensitivity and Background Rejection of the Auger Observatory**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.

385) Allekote, I., Barbarosa, A., Kleifeller, J. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **Status of the Auger Engineering**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.

386) Gemmeke, H. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **The Auger Fluorescence Detector Electronics**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.

387) Matthews, J.A. For The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **Atmospheric Monitoring for the Auger Fluorescence Detector**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.

- 388) Suomijarvi, T. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **Surface Detector Electronics for the Auger Observatory**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.
- 389) Clark, P.D.J., Nitz, D. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **Communications in the Auger Observatory**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.
- 390) Etchegoyen, A. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **Properties of the Site and Layout of the Pierre Auger Observatory**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.
- 391) Billoir, P. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **Photon/hadron Discrimination of the Auger Observatory**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.
- 392) Snow, G. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **Education and Public Outreach of the Auger Observatory**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.
- 393) Matthiae, G. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **Optics and Mechanics of the Auger Fluorescence Detector**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.
- 394) Klages, H. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **Calibration of the Auger Fluorescence Telescopes**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.
- 395) Escobar, C., Filevich, A., Mazur, P. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **Surface Detector Construction and Installation at the Auger Observatory**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.
- 396) Salazar, H., Nellen, L., Villasenor, L., The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **Surface Detector Calibration for the Auger Observatory**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.
- 397) Nitz, D. The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593) **Implementation of the First Level Trigger for the Auger Observatory Surface Array**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.
- 398) Szadkowski, Z., Nitz, D., The Pierre Auger Observatory Collaboration (Proc. 27th ICRC, HE Vol. 4, p. 1593). **A PLD Implementation of the Pierre Auger Observatory First Level Trigger**, 27th ICRC, HE 148, Hamburg, Germany, 7-15 August 2001.
- 399) **Characterization of Multilayer Thin Film Optical Filters Using RBS**
R. Vlastou *et al*, Sixteenth International Conference: Applications of Accelerators in Research and Industry, 1-5 November 2000, AIP Conference Proceedings, Vol. 576, Edited by J.L. Duggan and I.L. Morgan
- 400) **AIRES EAS Simulations for the Energy Estimation of UHECR**. Geranios, A., Fokitis, E., Maltezos, S., Malandraki, O., and Adoniadou, I. Proc. 29th ICRC, 7, 155-158, 2005.

- 401) **Inclusive π^0 production in π^-p and π^+p interactions at 18.5 GeV/c**
 N. N. Biswas *et al.* , **Phys. Rev. D** **10**, 3579 - 3587 (1974)
 [Issue 11 – December 1974]
- 402) **An upper limit to the photon fraction in cosmic rays above 10^{19} eV from the Pierre Auger Observatory** , *Astroparticle Physics* 27 (2007) 155-168
- 403) **Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory** , *Astroparticle Physics* 27 (2007) 244-253
- 404) **Identification of Gamma Ultra High Energy Cosmic Rays by Simulating Extensive Air Showers**
 A. Geranios,^{*} E. Fokitis,[§] S. Maltezos,[§] A. Mastichiadis,[¶] O. E. Malandraki,[†] and I. Antoniadou[‡] *Am. Inst. of Phys.* 848, 580-586, 2006.
- 405) **Masses, Lifetimes and Production Rates of Xi- and anti-Xi+ at LEP 1.**
 By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2006-016, May 2006. 20pp.
 Published in **Phys.Lett.B639:179-191,2006**.
 e-Print Archive: **hep-ex/0606030**
- 406) **Single Intermediate Vector Boson production in e^+e^- collisions at $\sqrt{s} = 183 - 209$ GeV** , (*Eur. Phys. J. C*45 (2006) 273-289)
- 407) **Evidence for an excess of soft photons in hadronic decays of Z0.**
 By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2005-052, Nov 2005. 37pp. ,
 Published in **Eur.Phys.J.C47:273-294,2006**.
- 408) **Search for excited leptons in e^+e^- collisions at $s^{1/2} = 189\text{-GeV}$ to 209-GeV .**
 By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2004-067, Oct 2004. 31pp.
 Published in **Eur.Phys.J.C46:277-293,2006**
- 409) **A measurement of the tau hadronic branching ratios.**
 By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2004-046, Dec 2003. 53pp.
Temporary entry
 Published in **Eur.Phys.J.C46:1-26,2006**.
- 410) **Determination of the b quark mass at the M(Z) scale with the DELPHI detector at LEP.**
 By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2005-020, Apr 2005. 24pp.
Temporary entry
 Published in **Eur.Phys.J.C46:569-583,2006**.
 e-Print Archive: **hep-ex/0603046**
- 411) **Study of double-tagged $\gamma\gamma$ events at LEP II.**
 By DELPHI Collaboration (J. Abdallah *et al.*). CERN-PH-EP-2005-029, Jun 2005. 17pp.
Temporary entry
 Published in **Eur.Phys.J.C46:559-568,2006**.
 e-Print Archive: **hep-ex/0604039**
- 412) **Search for neutral MSSM Higgs bosons at LEP.**
 By ALEPH Collaboration and DELPHI Collaboration and L3 Collaboration and OPAL Collaborations and LEP Working Group for Higgs Boson Searches (S. Schael *et al.*). CERN-PH-EP-2006-001, Jan 2006. 82pp.
 Published in **Eur.Phys.J.C47:547-587,2006**.
 e-Print Archive: **hep-ex/0602042**
http://arxiv.org/PS_cache/hep-ex/pdf/0602/0602042.pdf

413) **A system of medium resolution for monitoring the night sky background in the visible and near UV range** (30TH INTERNATIONAL COSMIC RAY CONFERENCE , Merida Mexico , July 2007)

E. FOKITIS¹, A. ARAVANTINOS², K. KARAFASOULIS¹, S. MALTEZOS¹, N. ANTONAKAKIS SPYROPOULOS¹

¹National Technical University of Athens, Physics Department

²Technological Educational Institution of Athens, Physics Department

Corresponding author : fokitis@central.ntua.gr

414) **Experimental Emulation of Air Fluorescence and Study of its Yield at Low Pressure Electrical Discharges** (30TH INTERNATIONAL COSMIC RAY CONFERENCE , Merida Mexico , July 2007)

S. MALTEZOS¹, E. DRAKAKIS³, E. FOKITIS¹, A. GERANIOS², V. GIKA¹, D. KARABOURNIOTIS³, N. ANTONAKAKIS-SPYROPOYLOS¹

¹National Technical University of Athens (NTUA)

²University of Athens, Athens (UoA)

³University of Crete, Heraklion (UC)

Corresponding author : maltezos@central.ntua.gr

415) **A Fabry-Perot Interferometer prototype for use in Doppler LIDAR for atmospheric monitoring in EAS detection** (30TH INTERNATIONAL COSMIC RAY CONFERENCE , Merida Mexico , July 2007)

E.FOKITIS¹, P.FETFATZIS¹ AND S.MALTEZOS¹

¹National Technical University of Athens

Corresponding author : fokitis@central.ntua.gr

416) **Design of a Wide Spectral Range and High-Resolution Spectrograph for Monitoring the Night Sky Background for use in Air Fluorescence Telescopes** "10th ICATPP Conference 2005" (Como, 8-12 October 2007) (POSTER presentation , S.MALTEZOS, PRESENTER). (Proceedings publishe by World Scientific 2008)

N. Antonakakis Spyropoulos, P. Fetfatzis, E. Fokitis, V. Gika, S. Maltezos¹

Physics Department, National Technical University of Athens, Iroon Polytechniou 9 Zografou, Athens, 15780, Greece]

417) **A FLUORESCENCE AIR CHERENKOV TELESCORE PROTOTYPE IN GREECE . POSSIBILITY TO DETECT ESCAPING TAUS FROM HELMOS MOUNTAIN IN GREECE.** "10TH ICATPP CONFERENCE 2005. COMO 8/12 OCTOBER 2007"

(ORAL PRESENTATION E. FOKITIS) (Proceedings publishe by World Scientific 2008)

E. FOKITIS P FETFATZIS S. MALTEZOS V. GIKA N ANTONAKAKIS SPYROPOULOS V. XIDI A GEORGAKOPOULOU

418) **Novel Techniques for Atmospheric Monitoring for EAS Detectors using High Resolution Spectroscopy**, 10th International Conference on Advanced Technology and Particle Physics (ICATPP) on Astroparticle, Particle, Space Physics, Detectors and Medical Physics Applications Como, Italy, 8-12 October, 2007. (ORAL PRESENTATION by P. Fetfatzis, E. Fokitis Corresponding Author) (Proceedings publishe by World Scientific 2008)

419) **Simulations of extensive air showers for the estimation of the number of photoelectrons of a setup of P. Auger fluorescence detector.** A. Geranios (Athens U.) , E. Fokitis, S. Maltezos, K. Patrinos, H. Rozaki-Mavrouli (Natl. Tech. U., Athens) . 2008. 7pp.
Published in **Int.J.Mod.Phys.A23:259-265,2008.**

420) **Design of a High Spectral Resolution Lidar for Atmospheric Monitoring in EAS Detection Experiments,** E. Fokitis et al, *Nuclear Physics B (Proc. Suppl.)* 190 (2009) 261–265

421) **A strategy towards the next generation of low pressure discharge lamps: lighting after mercury,** S Kitsinelis G Zissis and E Fokitis, *J. Phys. D: Appl. Phys.* **42** (2009) 045209 (8pp)

422) **PLASMA SOURCE FOR THE EMULATION OF THE ATMOSPHERIC FLUORESCENCE PRODUCED BY THE SECONDARIES OF ULTRA HIGH ENERGY COSMIC RAY PARTICLES,** E. Fokitis *et al*, *Journal of High Temperature Material Processes*, Volume 13, Issue 3, 2009, p. 323-328

423) **Review of High Spectral Resolution Techniques for Measurements of the Aerosol Phase Function and Application in Extensive AirShower Detector Atmospheric Monitoring,** *Poster presentation at 31th International Cosmic Ray Conference* (http://users.ntua.gr/fokitis/poster_31_ICRC_LODZ.pdf)

425) “Design and Data Analysis Method of HSRL Receivers for Atmospheric Monitoring in Ultra High Energy Cosmic Ray Experiments”, S. Maltezos, E. Fokitis, P. Fetfatzis, A. Georgakopoulou, V. Gika, G. Koutelieris, I. Manthos and A. Aravantinos
11th International Conference on Advanced Technology and Particle Physics (ICATPP), Como, 4-10 October 2009 (oral presentation by G. Koutelieris).

426) **NITROGEN MOLECULAR SPECTRA OF AIR FLUORESCENCE EMULATOR USING A LN₂ COOLEDCCD,** S. MALTEZOS et al, *11th International Conference on Advanced Technology and Particle Physics (ICATPP)*, Como, 4-10 October 2009 (oral presentation by S.Maltezos).

437) **HIGH – ACCURACY DETERMINATION OF FABRY - PEROT EFFECTIVE MIRROR SPACING USED FOR THE RECEIVERS OF ATMOSPHERIC MONITORING IN VHE GAMMA RAY ASTRONOMY,** S. MALTEZOS et al , *COMO ICATPP 2009*, (To be published at *Nucl. Physics B, Proc. Suppl.*)

438) An upper limit to the photon fraction in cosmic rays above 10^{10} eV

from the Pierre Auger Observatory, J. Abraham *et al*, *Astroparticle Physics* 27 (2007) 155–168.

439) Anisotropy studies around the galactic centre at EeV energies with the Auger Observatory , The Pierre Auger Collaboration , J. Abraham *et al* , *Astroparticle Physics* 27 (2007) 244–253

Presentations in Collaboration Meetings, Workshops and Internal Reports after 1996

1 .Production and Characterization of Multilayer Structures Prototypes for the AUGER Fluorescence Detector Optical Filters. Fokitis, E., Maltezos, S., Manolatu, K., Papantonopoulos, L., Patrinos, K., Vlastou, R., Kytopoulos, E., Drakaki, E., Papadimitriou, D., Moshovis, K., Kyriakidis, G., Travlos, A., Braem, A., Kossionidis, S., Kalliabakos, G., Moissides, P., Petridis, A., Vassiliou, M., and Geranios *Presented at the Auger Meeting in Argentina, 1998.*

2. The Fluorescence Detector of the Pierre AUGER Observatory. Talk, Fokitis, E., Maltezos, S., Sommers, P., Braem, A., Vlastou, R., Papantonopoulos, L., Manolatu, K., Papadimitriou, D., Kossionidis, S., Moissides, P., Petridis, A., Vassiliou, M., Geranios, A., Travlos, A., Kytopoulos, E., and Karydas. **A. Workshop in Thessaloniki, Greece 1999.**

3. Optical Filters for The Auger Fluorescence Detector , *E. Fokitis et al* , (Talk by S. Maltezos Ioannina, Proceedings of Workshop , 2000)
<http://theory.physics.uoi.gr/hep2000/proceedings/fokitise.pdf>

4. Progress work on Commercial Optical Filters Based on Vacuum Deposition and their Performance Test. by E. Fokitis et al, Presented at the *International Workshop on Fluorescence Detector Telescopes in Liebenzell , Germany*, 12-20 Aug. 2000. (http://ik1au1.fzk.de/~auger/events/liebenzell/talks/s2/fokitis_alternative_filters.pdf)

5. Nitrogen LASER for Calibration and Aerosol Phase Function. Fokitis et. al. Moravia Meeting, *Critical Design Review of the Fluorescence Detector of the Auger Project* , Czeck Rep., 18-23 Aug. 2001.

<http://www-hep2.fzu.cz/Auger/program.html>

6. Optical Filters made in Athens. Moravia Meeting , *Critical Design Review of the Fluorescence Detector of the Auger Project*, Czech Rep., 18-23 Aug. 2001. Fokitis et. al.

<http://www-hep2.fzu.cz/Auger/program.html>

7. PERFORMANCE OF THE DELPHI REFRACTOMETER IN MONITORING THE RICH RADIATORS

A. Filippas, E. Fokitis, S. Maltezos, K. Patrinos, and M. Davenport (Talk by S. Maltezos,
(<http://theory.physics.uoi.gr/hep2000/proceedings/maltezoss.pdf>)

8. First Test Results on Candidate Photomultipliers for Auger Fluorescence Detector: The multi-alkali PMT's produced by MELZ and tested at MSU and NTUA: Garipov, G.K. Khrenov, B.A. Fokitis, E. Maltezos, S. Belyanchenko, S.A., Dukor, S.G. Smolitsky V.A. Joint Work of MSU, NTUA and MELTZ. Presented at the **General Pierre Auger Meeting**, Morelia Mexico, January 1999.

9. Distinction between a Cosmic Ray Iron Nucleus and a Proton by Simulating EAS with the AIREIS Program. *Geranios, A., Vassiliou, M., and Papadakis, I.* Proc. 5th Astronomical Conference, 5, High Energy Astrophysics, 19-22 September, 2001, Herakleion, Greece.
<http://astrophysics.physics.uoc.gr/conf/sessions/Session05/S507/geranios2.pdf>

10. Fabry-Perot Interferometer for atmospheric monitoring useful for EAS detection. *Fokitis, E. K. Patrinos, Z. Nikitaki.* Submitted to Leeds July 18-21, 3rd International Workshop on Ultra High Energy Cosmic Rays. This work is available at: <http://users.ntua.gr/fokitis/FabryPerotFluorescenceCalibration14-7-04.pdf>

11. Identification of Gamma Ultra High Energy Cosmic Rays by Simulating Extensive Air Showers. Geranios A., Fokitis E., Maltezos S., Mastichiadis A., Malandraki, O., and Antoniadou I. Presented at the 7th Astronomy Conference of the Hellenic Astronomical Society, Lixurion, Kefallhnia Island, Greece, 7-11-September 2005.

12. Lateral Distribution Functions of Extensive Air Showers, A. Geranios, Fokitis, E. Maltezos, S. Antoniadou, I. and Koutsokosta, D., *20th European Cosmic Ray Symposium in Lisbon, Portugal September 5th-8th 2006.*

Internal Reports :

1.. *Laser Remote Techniques for Vertical Profiling of Cloud and Aerosol Extinction and Backscatter in the Lower Atmosphere.* GAP NOTE.. Papayannis, A., Fokitis. E
(Available at : http://www.auger.org/admin-cgi-bin/woda/gap_notes.pl/Search?first=132&first=100)

2. Fokitis, E., Maltezos, S., Papantonopoulos, E. *Optical Filter Design by the Simulated Annealing Method for the Fluorescence Detector of the Auger Project.* GAP NOTE. 1998-022.
(Available at: http://www.auger.org/admin-cgi-bin/woda/gap_notes.pl/Search?first=132&first=100)

3. Fokitis, E. *A proposed scheme for an atmospheric monitoring system of the Auger Fluorescence Detector based on Fabry-Perot measurement of laser backscattering of a LIDAR beam (LIDARFP),* NTUA-HEPEX 99-02 Report, May 1999.

4. Optical Filter Specifications for AUGER Fluorescence Detector. Presented at the Auger Meeting for *Preliminary Design Report of The Auger Fluorescence Detector,* in CERN, 22 April 1999. Fokitis, E., et al.

5. *An Experimental Method to Investigate the Optimal UV Filter for the Auger Fluorescence Detectors .* Maltezos, S., Fokitis, E.. GAP NOTE. Εσωτερική ανακοίνωση 2002-012.
(http://www.auger.org/admin/GAP_Notes/GAP2000/GAP_2000_012.pdf)

6. Optical Filter Transmittance Measurements by a Double-Beam Spectrophotometer for Calibration of Fluorescence Detector AUGER Filter Samples. Geranios A., Fokitis E., Petridis, A., and Vassiliou M.GAP NOTE., 2000-037. (: http://www.auger.org/admin/GAP_Notes/GAP2000/gap_2000_037.pdf)

7. Atmospheric attenuation and night sky background studies in Greece and proposal for the measurement of night sky background in Malargue. Fokitis, E., Geranios, A., Maltezos, S., Manolatu K., Moyssides, P., Papadimitriou, D.,

Papantonopoulos, E., Petridis, A., Vassiliou, M., and Vlastou, R. Collaboration Meeting, 11-17 April, Malargue, Argentina, 2000.

8. Work on tests of large area interference filters and proposed method of assembly filter array in the phototube focal area of FD camera. *Fokitis, E., Drakaki, L., Macropoulou, M., Geranios, A., Kokkoris, M., Maltezos, S., Moysides, P., Papantonopoulos, L., Patrinos, K., Petridis, A., Vassiliou, M., Vlastou, R., Manolatu, K.* Collaboration Meeting, , Malargue, Argentina, November 2000. (<http://www.physics.utah.edu/~sommers/hybrid/papers/>)

9. Optical Filters for the AUGER Fluorescence Detector. Fokitis, E., Geranios, A., Maltezos, S., Manolatu K., Moysides, P., Papadimitriou, D., Papantonopoulos, E., Petridis, A., Vassiliou, M., and Vlastou, R. Presented at the Conference on High Energy Physics in Giannena, Greece, 22-24, April 2000.

10. TPCB Work in Greece, presented by E. Fokitis in the Pierre Auger Collaboration Meeting, Malargue Argentina, April 2003.

11. TPCB Work in Greece, presented by E. Fokitis in the Pierre Auger Collaboration Meeting, Malargue Argentina (2004) .

12. “The Quality Assurance-Quality Control of the Monitored Drift Tubes at the HEP Laboratory of National Technical University of Athens”

Th. Alexopoulos, R. Avramidou, M. Dris, A. Filippas, E. Fokitis, E.N. Gazis, E.Katsoufis, A. Maltezos, S. Maltezos, E. Papadopoulos, Th. Papadopoulou, P. Savva, G. Stavropoulos, G. Tsipolitis, E. Tzamarioudaki
CERN ATL-MUON-2001-019 (2001).