Publications

Nicolas Delerue (http://www-pnp.physics.ox.ac.uk/d̃elerue/)
Born 11 October 1976
Particle Physics Sub-department,
Denys Wilkinson Building,
Keble Road,
Oxford, OX1 3RH
United Kingdom

1 Most significant publications

N. Delerue, T. Tauchi and K. Yokoya, "Beam offset due to beam beam interactions at a warm linear collider," Phys. Rev. ST Accel. Beams **8** (2005) 112801.

K. Abe *et al.* [GLD Concept Study Group], "GLD detector outline document," arXiv:physics/0607154.

B. I. Grishanov *et al.* [ATF2 Collaboration], "ATF2 proposal," SLAC-R-771

, "GLC project: Linear collider for TeV physics," KEK-REPORT-2003-7

N. Delerue, K. Fujii and N. Okada, "Higgs pair production at a linear e+ e- collider in models with large extra dimensions," Phys. Rev. D **70** (2004) 091701 [arXiv:hep-ex/0403029].

N. Delerue, "Design of a kicker with a movable electrode for the FEATHER project," KEK-REPORT-2003-6

N. Delerue, T. Tauchi and K. Yokoya, "Studies of beam blow up due to beam-beam interactions at a warm linear collider," arXiv:physics/0411122.

C. Adloff *et al.* [H1 Collaboration], Phys. Lett. B **548** (2002) 35 [arXiv:hep-ex/0207038].

C. Adloff *et al.* [H1 Collaboration], Phys. Lett. B **525** (2002) 9 [arXiv:hep-ex/0110037].

N. Delerue, collider. (In French)," DESY-THESIS-2002-017

2 Most significant conributed papers to conferences

N. Delerue *et al.*, "Status of the ATF extraction line laser-wire," arXiv:physics/0601123.

J. Carter *et al.*, “Beam profile measurements and simulations of the PETRA laser-wire,” arXiv:physics/0508137.

S. Araki *et al.*, “Proposal of the next incarnation of accelerator test facility at KEK for the International Linear Collider,” SLAC-PUB-11202

N. Delerue, “FEATHER: A fast intra-pulse feedback system for the JLC,” arXiv:physics/0305017.

N. Delerue and T. Tauchi, “Beamstrahlung monitoring of the beam beam effects at the linear collider,” arXiv:physics/0408132.

N. Delerue, “Identifying high power breakdowns in accelerating structures with acoustic sensors,” arXiv:physics/0408020.

Ethics in a High Energy Physics Project, By Nicolas Delerue, in Macer, DRJ., ed., ”Challenges for Bioethics in Asia” (Eubios Ethics Institute, 2004).

N. Delerue [H1 collaboration], “Searches at HERA,” arXiv:hep-ex/0107039.

3 Other scientific research publications

H. E. Fisk, J. Yu, N. Delerue and V. Vrba [Worldwide LC Test Beam Working Group], “Report on worldwide linear collider test beam effort,”

A. Aktas *et al.* [H1 Collaboration], “Forward pi0 production and associated transverse energy flow in deep-inelastic scattering at HERA,” Eur. Phys. J. C **36** (2004) 441 [arXiv:hep-ex/0404009].

A. Aktas *et al.* [H1 Collaboration], “Measurement of dijet production at low Q**2 at HERA,” Eur. Phys. J. C **37** (2004) 141 [arXiv:hep-ex/0401010].

A. Aktas *et al.* [H1 Collaboration], “Muon pair production in e p collisions at HERA,” Phys. Lett. B **583** (2004) 28 [arXiv:hep-ex/0311015].

A. Aktas *et al.* [H1 Collaboration], “Search for single top quark production in e p collisions at HERA,” Eur. Phys. J. C **33** (2004) 9 [arXiv:hep-ex/0310032].

A. Aktas *et al.* [H1 Collaboration], “Inclusive dijet production at low Bjorken-x in deep inelastic scattering,” Eur. Phys. J. C **33** (2004) 477 [arXiv:hep-ex/0310019].

A. Aktas *et al.* [H1 Collaboration], “Multi-electron production at high transverse momenta in e p collisions at HERA,” Eur. Phys. J. C **31** (2003) 17 [arXiv:hep-ex/0307015].

A. Aktas *et al.* [H1 Collaboration], “Diffractive photoproduction of J/psi mesons with large momentum transfer at HERA,” Phys. Lett. B **568** (2003) 205 [arXiv:hep-ex/0306013].

C. Adloff *et al.* [H1 Collaboration], “Search for new physics in e+- q contact interactions at HERA," Phys. Lett. B **568** (2003) 35 [arXiv:hep-ex/0305015].

C. Adloff *et al.* [H1 Collaboration], "Measurement and QCD analysis of neutral and charged current cross sections at HERA," Eur. Phys. J. C **30** (2003) 1 [arXiv:hep-ex/0304003].

C. Adloff *et al.* [H1 Collaboration], "Measurement of inclusive jet cross sections in photoproduction at HERA," Eur. Phys. J. C **29** (2003) 497 [arXiv:hep-ex/0302034].

V. Andreev *et al.* [H1 Collaboration], "Isolated electrons and muons in events with missing transverse momentum at HERA," Phys. Lett. B **561** (2003) 241 [arXiv:hep-ex/0301030].

C. Adloff *et al.* [H1 Collaboration], "Search for odderon-induced contributions to exclusive pi0 photoproduction at HERA," Phys. Lett. B **544** (2002) 35 [arXiv:hep-ex/0206073].

C. Adloff *et al.* [H1 Collaboration], "Measurement of inclusive jet cross-sections in deep-inelastic e p scattering at HERA," Phys. Lett. B **542** (2002) 193 [arXiv:hep-ex/0206029].

C. Adloff *et al.* [H1 Collaboration], "Diffractive photoproduction of psi(2S) mesons at HERA," Phys. Lett. B **541** (2002) 251 [arXiv:hep-ex/0205107].

C. Adloff *et al.* [H1 Collaboration], "Search for QCD instanton-induced processes in deep-inelastic scattering at HERA," Eur. Phys. J. C **25** (2002) 495 [arXiv:hep-ex/0205078].

C. Adloff *et al.* [H1 Collaboration], "Inelastic leptoproduction of J/psi mesons at HERA," Eur. Phys. J. C **25** (2002) 41 [arXiv:hep-ex/0205065].

C. Adloff *et al.* [H1 Collaboration], "Inelastic photoproduction of J/psi mesons at HERA," Eur. Phys. J. C **25** (2002) 25 [arXiv:hep-ex/0205064].

C. Adloff *et al.* [H1 Collaboration], "A measurement of the t dependence of the helicity structure of diffractive rho meson electroproduction at HERA," Phys. Lett. B **539** (2002) 25 [arXiv:hep-ex/0203022].

C. Adloff *et al.* [H1 Collaboration], "Energy flow and rapidity gaps between jets in photoproduction at HERA," Eur. Phys. J. C **24** (2002) 517 [arXiv:hep-ex/0203011].

C. Adloff *et al.* [H1 Collaboration], "Measurement of dijet cross sections in photoproduction at HERA," Eur. Phys. J. C **25** (2002) 13 [arXiv:hep-ex/0201006].

C. Adloff *et al.* [H1 Collaboration], "Measurement of dijet electroproduction at small jet separation," Eur. Phys. J. C **24** (2002) 33 [arXiv:hep-ex/0111006].

C. Adloff *et al.* [H1 Collaboration], "D*+- meson production in deep-inelastic diffractive interactions at HERA," Phys. Lett. B **520** (2001) 191 [arXiv:hep-ex/0108047].

C. Adloff *et al.* [H1 Collaboration], "Measurement of D*+- meson production and F2(c) in deep inelastic scattering at HERA," Phys. Lett. B **528** (2002) 199 [arXiv:hep-ex/0108039].

C. Adloff *et al.* [H1 Collaboration], "On the rise of the proton structure function F2 towards low x," Phys. Lett. B **520** (2001) 183 [arXiv:hep-ex/0108035].

C. Adloff *et al.* [H1 Collaboration], "A search for leptoquark bosons in e-p collisions at HERA," Phys. Lett. B **523** (2001) 234 [arXiv:hep-ex/0107038].

C. Adloff *et al.* [H1 Collaboration], "Measurement of deeply virtual Compton scattering at HERA," Phys. Lett. B **517** (2001) 47 [arXiv:hep-ex/0107005].

C. Adloff *et al.* [H1 Collaboration], "Three-jet production in deep-inelastic scattering at HERA," Phys. Lett. B **515** (2001) 17 [arXiv:hep-ex/0106078].

C. Adloff *et al.* [H1 Collaboration], "Photoproduction with a leading proton at HERA," Nucl. Phys. B **619** (2001) 3 [arXiv:hep-ex/0106070].

C. Adloff *et al.* [H1 Collaboration], "Searches at HERA for squarks in R-parity violating supersymmetry," Eur. Phys. J. C **20** (2001) 639 [arXiv:hep-ex/0102050].

C. Adloff *et al.* [H1 Collaboration], "Deep-inelastic inclusive e p scattering at low x and a determination of alpha(s)," Eur. Phys. J. C **21** (2001) 33 [arXiv:hep-ex/0012053].

C. Adloff *et al.* [H1 Collaboration], "Measurement of neutral and charged current cross sections in electron proton collisions at high Q**2," Eur. Phys. J. C **19** (2001) 269 [arXiv:hep-ex/0012052].

C. Adloff *et al.* [H1 Collaboration], "Diffractive jet production in deep-inelastic e+ p collisions at HERA," Eur. Phys. J. C **20** (2001) 29 [arXiv:hep-ex/0012051].

C. Adloff *et al.* [H1 Collaboration], "Measurement and QCD analysis of jet cross sections in deep-inelastic positron proton collisions at s**(1/2) of 300-GeV," Eur. Phys. J. C **19** (2001) 289 [arXiv:hep-ex/0010054].

C. Adloff *et al.* [H1 Collaboration], "Dijet production in charged and neutral current e+ p interactions at high Q**2," Eur. Phys. J. C **19** (2001) 429 [arXiv:hep-ex/0010016].

C. Adloff *et al.* [H1 Collaboration], Eur. Phys. J. C **17** (2000) 567 [arXiv:hep-ex/0007035].

C. Adloff *et al.* [H1 Collaboration], "Inclusive photoproduction of neutral pions in the photon hemisphere at HERA," Eur. Phys. J. C **18** (2000) 293 [arXiv:hep-ex/0006017].

C. Adloff *et al.* [H1 Collaboration], "Measurement of elastic electroproduction of Phi mesons at HERA," Phys. Lett. B **483** (2000) 360 [arXiv:hep-ex/0005010].

C. Adloff *et al.* [H1 Collaboration], "Elastic photoproduction of J/psi and Upsilon mesons at HERA," Phys. Lett. B **483** (2000) 23 [arXiv:hep-ex/0003020].

C. Adloff *et al.* [H1 Collaboration], "Measurement of di-jet cross-sections in photoproduction and photon structure," Phys. Lett. B **483** (2000) 36 [arXiv:hep-ex/0003011].

C. Adloff *et al.* [H1 Collaboration], "Search for compositeness, leptoquarks and large extra dimensions in e q contact interactions at HERA," Phys. Lett. B **479** (2000) 358 [arXiv:hep-ex/0003002].