

Markus Wobisch

Publications

(status: February 17, 2005)

Principal Author of Journal Publications by a Collaboration

- [1] H1 Collaboration, C. Adloff et al., *Measurement of Internal Jet Structure in Dijet Production in Deep Inelastic Scattering at HERA*, Nucl. Phys. B545 (1999) 3.
- [2] H1 Collaboration, C. Adloff et al., *Measurement and QCD Analysis of Jet Cross Sections in Deep-Inelastic Positron-Proton Collisions at \sqrt{s} of 300 GeV*, Eur. Phys. J. C19 (2001) 289.
- [3] H1 Collaboration, C. Adloff et al., *Three-Jet Production in Deep-Inelastic Scattering at HERA*, Phys. Lett. B515 (2001) 17.
- [4] DØ Collaboration, V. Abazov et al., *Measurement of Dijet Azimuthal Decorrelations at Central Rapidities in $p\bar{p}$ Collisions at $\sqrt{s} = 1.96$ TeV*, submitted to Phys. Rev. Lett.

Publications not associated with a Collaboration

- [5] M. Wobisch, *Measurement and QCD Analysis of Jet Cross Sections in Deep-Inelastic Positron-Proton Collisions at $\sqrt{s} = 300$ GeV*, Doctoral Thesis, RWTH Aachen, Germany (2000).
<http://www-h1.desy.de/psfiles/theses/h1th-201.ps>
- [6] M. Wobisch, *QED Bremsstrahlung Processes in Deep Inelastic Electron Proton scattering*, Diplom Thesis (in German), RWTH Aachen, Germany, PITHA 95/38 (1995).
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Conference Proceedings

- [9] M. Wobisch, *H1 Results on High pt Hadronic Final States in DIS*, Proceedings of the 5th International Workshop on Deep Inelastic Scattering and QCD (DIS 97), Chicago, Illinois, eds. J. Repond and D. Krakauer (1997) 699.
- [10] M. Wobisch, *Progress in the Understanding of Dijet Production in DIS*, Proceedings of the 6th International Workshop on Deep Inelastic Scattering and QCD (DIS98), Brussels, Belgium, eds. G.H. Coremans, R. Rosen (1998) 568.

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- [12] M. Wobisch, *Direct Determination of the Gluon Density in the Proton from Jet Cross Sections in Deep-Inelastic Scattering*, Proceedings of the 7th International Workshop on Deep Inelastic Scattering and QCD (DIS99), Zeuthen, Germany, eds. J. Blümlein, T. Riemann, Nucl. Phys. Proc. Suppl. 79 (1999) 478.
- [13] M. Wobisch, *Three-Jet Production in Deep Inelastic Scattering*, Proceeding of the 9th International Workshop on Deep Inelastic Scattering (DIS2001), Bologna, Italy, April 27 – May 1, 2001, eds. G. Bruni, G. Iacobucci, R. Nania, World Scientific (2002).
- [14] M. Wobisch, *Recent Run II Results from DØ*, Proceedings of the 15th Topical Conference on Hadron Collider Physics, HCP 2004, Michigan State University, East Lansing, Michigan (2004).

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- [15] H1 Collaboration, *Measurement of Dijet Cross Sections in Deep-Inelastic Scattering at HERA and a Direct Determination of the Gluon Density in the Proton*, Contributed Paper 520, 29th International Conference on High Energy Physics (ICHEP98), Vancouver, Canada (1998).
- [16] H1 Collaboration, *Measurement of Internal Jet Structure in Dijet Production in Deep-Inelastic Scattering*, Contributed Paper 532, 29th International Conference on High Energy Physics (ICHEP98), Vancouver, Canada (1998).
- [17] H1 Collaboration, *Determination of the Strong Coupling Constant from the Inclusive Jet Cross Section in Deep-Inelastic Positron-Proton Collisions at HERA*, Contributed Paper 157, International Europhysics Conference on High Energy Physics (HEP99), Tampere, Finland (1999).
- [18] H1 Collaboration, *Study of Three-Jet Production in Deep-Inelastic Positron Proton Collisions at HERA*, Contributed Paper 157, International Europhysics Conference on High Energy Physics (HEP99), Tampere, Finland (1999).
- [19] H1 Collaboration, *A Simultaneous, Direct Determination of α_s and the Gluon Density in the Proton in a QCD Fit to DIS Jet Data*, Contributed Paper 1000, 30th International Conference on High Energy Physics (ICHEP2000), Osaka, Japan (2000).
- [20] DØ Collaboration, *Measurement of Inclusive Jet and Dijet Cross Sections in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV*, preliminary results for Winter Conferences (2004).
- [21] DØ Collaboration, *Measurement of Dijet Azimuthal Decorrelations at Central Rapidities in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV*, preliminary results for Winter Conferences (2004).

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- [22] H1 Collaboration, S. Aid et al., *Strangeness Production in Deep Inelastic Positron-Proton Scattering at HERA*, Nucl. Phys. B480 (1996) 3.

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- [97] DØ Collaboration, V. Abazov et al., *Search for Doubly-charged Higgs Boson Pair Production in the Decay to $\mu^+\mu^+\mu^-\mu^-$ in $p\bar{p}$ Collisions at $\sqrt{s}=1.96$ TeV*, Phys. Rev. Lett. 93, 141801 (2004).
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- [108] DØ Collaboration, V. Abazov et al., *A Search for Anomalous Heavy-Flavor Quark Production in Association with W Bosons*, submitted to Phys. Rev. Lett.
- [109] DØ Collaboration, V. Abazov et al., *First measurement of $\sigma(pp\bar{p} \rightarrow Z) \times Br(Z \rightarrow \tau\tau)$ at $\sqrt{s} = 1.96$ TeV*, submitted to Phys. Rev. Lett.
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