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Conference talks

1. PAC World America Conference, Raleigh, USA, August 11-14, 2025 "Graph-based Federated Learning for Fault Detection in Power Distribution Systems"
2. IEEE PES Grid Edge Technologies Conference, San Diego, USA, January 21-23, 2025, "AI/ML at the Edge to inform situational awareness, control, and protection"
3. International XXII Baldin Conference, Dubna, Russia, September 2014, "Tevatron QCD results".
4. Workshop QCD@LHC2014, Suzdal, Russia, August 25-29, 2014, "Tevatron results" (*Plenary talk*).
5. Workshop "Measuring Multiple Partonic Interactions at the LHC", Tel Aviv University, Tel Aviv, Israel, October 14-18, 2012, "MPI studies at D0".
6. Workshop "QCD at LHC", Michigan State University, USA, August 20-24, 2012, "Double parton scattering results at Tevatron and LHC".
7. 36 International Conference on high energy physics, Melbourne, Australia, July 4-11, 2012, "Jet and QCD physics at hadron colliders" (*Plenary talk*).
8. Workshop on the LHC physics, Chicago, USA, May 2-4, 2012, "Double parton interactions".
9. Moriond QCD and High Energy Interactions, La Thuile, Italy, March 10-17, 2012, "W/Z+Jets and W/Z+HF Production at the Tevatron".
10. Workshop on Multiple Parton Interactions at the LHC, DESY, Hamburg, Germany, 21-25 November, 2011, "Study of Multiple Parton Interactions at D0".
11. International Linear Collider Workshop, September 26-30, 2011, Granada, Spain, "QCD results at the Tevatron" (*Plenary talk*).
12. Meeting of Division of Particles and Fields of the American Physical Society, August 9-13, 2011, Providence, RI, USA, "Studies of multi-parton interactions in photon+jets events at D0".
13. XIX International Workshop on Deep-Inelastic Scattering and Related Subjects (DIS 2011), Newport News, Virginia, USA, April 11-15, 2011, "QCD results from CDF and D0" (*Plenary talk*).
14. XIX International Workshop "DIS 2011", "Diphoton cross section measurement at D0".
15. Workshop "Standard Model Benchmarks at the Tevatron and LHC", Fermilab, November 19-20, 2010, "Jet production at D0".
16. Fermilab Joint Experimental-Theoretical Workshop on study of systematics to the Higgs boson searches, May 18, 2010, "QCD results from D0".
17. Meeting of Division of Particles and Fields of the American Physical Society, Detroit, MI, USA, July 27-31, 2009, "Photon+jets measurements at D0".
18. 10th International Conference on the Intersections of Particle and Nuclear Physics, San Diego, California, May 26-31, 2009, "Photon and jet measurements at D0".
19. 1st Joint Experimental-Theoretical Workshop on Energy Scaling of Hadron Collisions, Fermilab, April 2009, "Underlying Events in photon + 3 jets at D0".
20. Aspen 2008 Winter Conference, January 13 – 19, 2008, "QCD Physics Results at the Tevatron".
21. Photon 2007, International Conference on the Structure and Interactions of the Photon, Paris, "Measurement of photon+jet differential cross section".
22. 9th International Conference on the Intersections of Particle and Nuclear Physics, Puerto Rico, May 30 – June 3, 2006, "Photons and jets at the Tevatron".
23. XVI International Workshop on High-Energy Physics "Relativistic Nuclear Physics and Quantum Chromodynamics", June 17–22, 2002, Dubna.
24. IV International school "Actual problems of particle physics", Gomel, Belarus, August, 1997.

Seminars and other talks

1. Utility Analytics Institute, June 2025, "Pole Defect Ranking with Drones and Computer Vision" <https://utilityanalytics.com/defect-ranking-with-drones-and-computer-vision/>
2. Utility Analytics Institute, September 2024, "Large Language Models: Applications, Limitations and Potential Risks for Power Grids", <https://utilityanalytics.com/large-language-models-grid-analytics/>
3. Fermilab Joint Experimental-Theoretical Physics Seminar, June 2014, "Probing the nucleon structure with multiple parton interactions at D0".

4. Stony Brook University, April 2014, “Multiple parton interactions at D0”.
5. Plenary session of D0 Collaboration meeting, Northern Illinois University, June 2013, “QCD group status and plans”.
6. Plenary session of D0 Collaboration meeting, Fermilab, February 2013, “Jet Energy Scale”.
7. Plenary session of D0 Collaboration meeting, Fermilab, October 2012, “QCD workshop summary”.
8. Plenary session of D0 Collaboration meeting, Fermilab, May 2012, “QCD workshop summary”.
9. Penn State University (State College), May 2012, “Multiple parton interactions at D0”.
10. Plenary session of D0 Collaboration meeting, Fermilab, December 2011, “Jet energy scale setting at D0”.
11. University of California (Davis), November 2011, “Multiple parton interactions”.
12. Florida State University, talk devoted to DoE visit, October 2010.
13. Iowa State University, September 2010, “Study of multiple parton interactions at D0”.
14. Argonne National Laboratory, September 2010, “Multiple parton interactions at the Tevatron”.
15. Indiana University, March, 2010, “Double parton interactions: recent measurements and prospects”.
16. Fermilab Joint Experimental-Theoretical Physics Seminar, December 2009, “Determination of α_s from inclusive jet production cross section and double parton interactions in $\gamma+3$ jet events”.
17. Talks for the CMS Summer students, June 2009, “QCD at the Tevatron and prospects for CMS”.
18. JTERM III CMS Workshop, January 2009, Fermilab, “Summary of Di-lepton group Workshop”.
19. Plenary session of D0 Collaboration meeting, May 2008, Fermilab, “Electron and photon ID”.
20. Plenary session of D0 Collaboration meeting, September 2007, “Summary of Lepton ID Workshop”.
21. Kansas State University, talks devoted to DoE visit: August, 2006; August, 2007.
22. ATLAS JINR Physics Workshop, November, 2004, JINR, Dubna.
23. ATLAS JINR Physics Workshop, April, 2004, JINR, Dubna.
24. IV Scientific Conference of young scientists and specialists, February, 2000, JINR, Dubna.
25. All JINR seminar, August, 1997, Laboratory of Theoretical Physics, JINR, Dubna.
26. Over 60 talks during the D0 and CMS collaboration weeks and workshops.