

## Publications with primary authorship

“Search for Standard Model Higgs Boson Production in the  $WW$  Decay Channel at CDF”, in preparation for Physics Review D.

“Combined Tevatron Upper Limit on  $gg \rightarrow H \rightarrow W^+W^-$  and Constraints on Fourth-Generation Fermion Models”, in preparation for Physics Review D.

“Measurement of Event Shapes in  $p\bar{p}$  Collisions at  $\sqrt{s} = 1.96$  TeV”, in preparation for Physics Review D.

“Operational Experience with CDF II Silicon Detectors”, in preparation for NIM.

“Combination of Tevatron Searches for the Standard Model Higgs Boson in the  $WW$  Decay Mode”, Phys. Rev. Lett. **104**, 061802 (2010).

“Inclusive Search for Standard Model Higgs Boson Production in the  $WW$  Decay Channel Using the CDF II Detector”, Phys. Rev. Lett. **104**, 061803 (2010).

“Measurement of the  $W^+W^-$  Production Cross-Section and Search for Anomalous  $WW\gamma$  and  $WWZ$  Couplings in  $p\bar{p}$  Collisions at  $\sqrt{s} = 1.96$  TeV”, accepted to Physics Review Letters.

“High Mass Higgs at the Tevatron”, in proceedings of Hadron Collider Symposium 2009, PoS (HCP2009) 050.

“Measurement of the  $k_T$  Distributions of Charged Particles in Jets Produced in  $p\bar{p}$  Collisions at the Center-of-Mass Energy  $\sqrt{s} = 1.96$  TeV”, Phys. Rev. Lett. **102**, 232002 (2009).

“Search for a Higgs Boson Decaying to Two W-bosons in  $p\bar{p}$  Collisions at the Center-of-Mass Energy  $\sqrt{s} = 1.96$  TeV”, Phys. Rev. Lett. **102**, 021802 (2009).

“Two-particle Momentum Correlations in Jets Produced in  $p\bar{p}$  Collisions at the Center-of-Mass Energy  $\sqrt{s} = 1.96$  TeV”, Phys. Rev. D. **77**, 092001 (2008).

“Soft QCD and the underlying event at CDF”, in proceedings of Hadron Collider Symposium (HCP’2007), Nucl. Phys. Proc. Suppl. **177-178**, 190 (2008).

“New Results on Jet Fragmentation at CDF”, in proceedings of International Symposium on Multiparticle Dynamics (ISMD’2006), Braz. J. Phys. **37**, 830 (2007), FERMILAB-CONF-06-466-E.

“Measurement of the Two-particle Momentum Correlations in Jets at CDF”,

in proceedings of Particle and Nuclei International Conference (Panic'05), AIP Conf. Proc. **842**, 268 (2006), FERMILAB-CONF-05-612-E.

Primary author of over 30 public and internal CDF notes (full list available upon request).

Co-author of more than 150 journal publications.