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The Citadel
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Appointments

Professor	The Citadel	2018 –
Associate Professor	The Citadel	2012 – 18
Adjunct Professor	Institute of Nuclear Physics Polish Academy of Science, Cracow, Poland	2015 – 16
Assistant Professor	The Citadel	2008 – 12
Visiting Research Scholar	Princeton University	May – July 2009
Visiting Associate Professor	Princeton University	2007 – 08
Associate Professor	Baylor University	2004 – 07
Visiting Associate Professor	Baylor University	Fall 2003
Lecturer (Physics and Astronomy)	University of Tennessee	2002 – 03
Research Associate Professor	University of Tennessee	1996 – 2002
Research Assistant Professor	University of Tennessee	1993 – 96
Postdoctoral Associate	University of Tennessee	1991 – 93
Postdoctoral Associate	University of Florida	1987 – 91

Education

Princeton University*	Ph.D. in Physics	Oct. 1987
Carnegie-Mellon University†	B.S. in Physics	May 1982
Carnegie-Mellon University†	B.S. in Mathematics	May 1982

*N.S.F. Fellowship, 1982 – 1985, Joseph Henry Award, 1982.

Dissertation: *String Loops in Background Fields*

† graduated with University Honors; first rank in the Mellon College of Science.

Research Interests

Elementary particle physics and phenomenology, quantum field theory, mathematical physics

Grants

P.I., U.S. Department of Energy grant DE-PS02-10ER41694	2010 – 13
Citadel Foundation Faculty Development Grant	2013
Citadel Foundation Research Grants	2009 – 21
Citadel Foundation Research Presentation Grants	2009 – 18
Citadel Foundation New Faculty Research Grant	2008
Co-P.I., U.S. Department of Energy grant DE-FG02-05ER41399	2005 - 07

Teaching – The Citadel

Phy. 203	College Physics I	fall 2012, 2020, 2021
Phy. 204	College Physics II	spring 2013
Phy. 221	Physics with Calculus I	fall 2008 – 11, 2013 – 14 fall 2017 – 20, spring 2018 – 22
Phy. 222	Physics with Calculus II	spring 2009 – 12, 2014 fall 2016, spring 2020 – 21
Phy. 223	Modern Physics	spring 2022
Phy. 253	Laboratory for College Physics I	fall 2008, 2009, 2016 – 18
Phy. 254	Laboratory for College Physics II	spring 2014, 2017, 2020
Phy. 271	Laboratory for Physics with Calculus I	fall 2008 – 14, 2016, 2017 spring 2018, 2019, 2022
Phy. 272	Laboratory for Physics with Calculus II	spring 2009 – 15, 2017 – 18 fall 2014, 2016
Phy. 308	Intermediate Optics	spring 2020
Phy. 358	Intermediate Optics Laboratory	spring 2020
Phy. 320	Mathematical Physics	fall 2016 – 20
Phy. 403	Electricity and Magnetism I	fall 2017 – 21
Phy. 404	Electricity and Magnetism II	spring 2017 – 22
Phy. 405	Quantum Mechanics I	fall 2013, 2014
Phy. 406	Quantum Mechanics II	spring 2014, 2015
Phy. 415	Elementary Particle Physics	spring 2019
Phy. 416	Advanced Topics in Physics	spring 2009, 2010, 2015

Teaching – Princeton University

Phy. 103	General Physics I	fall 2007
Phy. 104	General Physics II	spring 2008

Teaching – Baylor University

Phy. 1422	General Physics I-A	fall 2004 – 06, spring 2005 – 07
Phy. 1425	General Physics I	fall 2003, spring 2004

Teaching – University of Tennessee

Phy. 101	How Things Work	fall 2002
Phy. 221	Elements of Physics I Laboratory/Recitation	fall 2001, spring 2002
Phy. 222	Elements of Physics II	summer 2002, 2003
Ast. 161	Introduction to Astronomy I	fall 2002
Ast. 161	Introduction to Astronomy I Laboratory	fall 2002
Ast. 162	Introduction to Astronomy II	spring 2003
Ast. 162	Introduction to Astronomy II (online course)	spring 2003
Ast. 162	Introduction to Astronomy II Laboratory	spring 2003

Professional Affiliations and Selected Service Activities

Member, Phi Kappa Phi, Sigma Xi, and Sigma Pi Sigma honor societies		
Member, American Physical Society (APS) – Division of Particles and Fields		
Member, American Mathematical Society (AMS)		
Referee, Nature Physics, Computer Physics Communications (current)		
Nuclear Physics A (past)		
Interviewer, Princeton Alumni Association Schools Committee		2009 –
Member, Tenure and Promotion Committee	Citadel	2018 –
Member, Faculty Senate	Citadel	2016 –
Member, School of Science and Mathematics		
Faculty Grants Committee	Citadel	2014,15,19 –
Co-Chair, School of Science and Mathematics		
Faculty Grants Committee	Citadel	2014 – 15
Outings Leader, Sierra Club, Lunz Group		2014 – 2019
Chair, Faculty Development Committee	Citadel	2012 – 14
Member, Faculty Development Committee	Citadel	2009 – 14
Member, Faculty Council	Citadel	2010 – 14
Physics Department Curriculum Committee	Citadel	2011 – 14
Planning committee, Citadel Trebuchet competition		2010 – 11
Judge for Science Fair, Academic Magnet High School		2010, 2011
Senior Advisor, Physics Department	Citadel	2009 – 10
Web Design Committee, Physics Department	Citadel	2009 – 10

Judge for Citadel Undergraduate Research Conference		March 2009
Co-Advisor for Senior Theses	Princeton	2007 – 08
Grader for Graduate Preliminary Exams	Princeton	2008
Judge of student presentations, TSAPS/AAPT/SPS Joint Conference, Univ. of Texas, Arlington		Oct. 2006
APS District Advocate		2005 – 07
Chair, Physics Electronic Activities Committee	Baylor	2003 – 07
Participant in APS Lobbying Day, Washington DC		June 2004
CAPA homework system development	Baylor	2003 – 07
Reviewer for Fishbane, Gasiorowicz and Thornton, <i>Physics for Scientists and Engineers</i> , 3 rd ed., Prentice-Hall		2003
Faculty Advisor, Canoe and Hiking Club	Tennessee	2002 – 03
CAPA homework system development	Tennessee	2002 – 03
Member, World Wide Web Task Force	Tennessee	1995 – 96
Member, Local Organizing Committee, Tennessee International Symposium on Radiative Corrections (RADCOR-94)		1994
Member, UNIX System Administrators' Group Tennessee		1994 – 2003

Publications The inSPIRE high energy physics shows over 3000 citations for these publications, resulting in an author h -index of 24. The complete inSPIRE listing can be found at <http://inspirehep.net/author/profile/Scott.A.Yost.1>.

1. *New Developments in KKMChh: Quark-Level Exponentiated Radiative Corrections and Semi-analytical Results*, S.A. Yost, M. Dittrich, S. Jadach, B.F.L. Ward and Z. Was, Proc. RADCOR/LoopFest 2021, Florida State University, to appear in SciPost (2022). arXiv:2111.014567
2. *IR-Improved Amplitude-Based Resummation in Quantum Field Theory: New Results and New Issues*, B.F.L. Ward, S. Jadach, W. Placzek, M. Skrzypek, Z. Was and S.A. Yost, Proc. RADCOR/LoopFest 2021, Florida State University, to appear in SciPost (2022). arXiv:2111.01277
3. *Hypergeometric Functions and Feynman Diagrams*, M. Kalmykov, V. Bytev, B. Kniehl, S.-O. Moch, B. Ward, S. Yost, *Antidifferentiation and the Calculation of Feynman Amplitudes*, ed. J. Blümlein and C. Schneider (Springer Nature, 2022), pp. 189 – 234. arXiv:2012.14492
4. *KKMC-hh for Precision Electroweak Phenomenology at the LHC*, Scott A. Yost, Matthew Dittrich, Stanislaw Jadach, B.F.L. Ward, Zbigniew Was, Proc. ICHEP 2020, Prague, *PoS(ICHEP2020)* 349. arXiv:2012.09298
5. *Role of IR-Improvement in LHC/FCC Physics*, B.F.L. Ward, B. Shakerin and S. Yost, Proc. ICHEP 2020, Prague, *PoS(ICHEP2020)* 520.

arXiv:2012.11324

6. *Overview of the Path to 0.01% Theoretical Luminosity for the FCC-ee and its Possible Synergistic Effects for Other FCC Precision Theory Requirements*, B.F.L. Ward, S. Jadach, W. Placzek, M. Skrzypek, and S. Yost, Proc. ICHEP 2020, Prague, PoS(ICHEP2020) 704. arXiv:2012.11437
7. *The Monte Carlo Program KKMC, for the Lepton or Quark Pair Production at LEP/SLC Energies - Updates of electroweak calculations*, A. Arbuzov, S. Jadach, Z. Was, B.F.L. Ward, S.A. yost, *Comput. Phys. Commun.* **260** (2020) 107734. arXiv:2007.07964
8. *IFI and ISR Effects for Z/γ^* Drell-Yan Observables using KKMC-hh*, S. Jadach, B.F.L. Ward, Z. Was and S.A. Yost (extended version of the following RADCOR proceeding, 2020). arXiv:2002.11692
9. *ISR and IFI in Precision AFB Studies with KKMC-hh*, S.A. Yost, S. Jadach, B.F.L. Ward, and Z. Was, Proceedings of RADCOR 2019, Avignon, France, PoS(RADCOR2019) (2020) 085.
10. *Role of IR-Improvement in Precision LHC/FCC Physics and in Quantum Gravity*, B.F.L. Ward, S. Jadach, W. Placzek, M. Skrzypek, Z. Was, and S.A. Yost, Proceedings of RADCOR 2019, Avignon, France, PoS(RADCOR 2019) (2020) 086. arXiv:2002.01850
11. *FCC Physics Opportunities (Future Circular Collider Conceptual Design Report Volume 1)*, A. Abada et al., *Eur. Phys. J.* **C79** (2019) 474.
12. *FCC-ee: The Lepton Collider (Future Circular Collider Conceptual Design Report Volume 2)*, A. Abada et al., *Eur. Phys. Special Topics* **228** (2019) 261.
13. *FCC-hh: The Hadron Collider (Future Circular Collider Conceptual Design Report Volume 3)*, A. Abada et al., *Eur. Phys. Special Topics* **228** (2019) 755.
14. *HE-LHC: The High-Energy Large Hadron Collider (Future Circular Collider Conceptual Design Report Volume 4)*, A. Abada et al., *Eur. Phys. Special Topics* **228** (2019) 1109.
15. *QED Interference in Charge Asymmetry Near the Z Resonance at Future Electron-Positron Colliders*, Stanislaw Jadach and Scott Yost, *Phys. Rev.* **D100** (2019) 013002. arXiv:1801.08611
16. *Systematic Studies of Exact $\mathcal{O}(\alpha^2 L)$ CEEX EW Corrections in a Hadronic*

- MC for Precision Z/γ^* Physics at LHC Energies*, S. Jadach, Z. Was, B.F.L. Ward and S.A. Yost, *Phys. Rev.* **D99** (2019) 076016. arXiv:1707.06502
17. *Theory for the FCC-ee. Report on the 11th FCC-ee Workshop*, A. Blondel, *et al.*, CERN White Paper CERN-TH-2019-061. arXiv:1905.05078.
 18. *Path to the 0.01% Theoretical Luminosity Precision Requirement for the FCC-ee (and ILC)*, B.F.L. Ward, S. Jadach, W. Płaczek, M. Skrzypek, B.F.L. Ward, and S.A. Yost, International Workshop on Future Linear Colliders (LCWS2018), Arlington, Texas, 22-26 October 2018, SLAC eConf C18-20-22 (2019). arXiv:1902.05912.
 19. *The Path to 0.01% Theoretical Luminosity Precision for the FCC-ee*, S. Jadach, W. Płaczek, M. Skrzypek, B.F.L. Ward, and S.A. Yost, *Phys. Lett.* **B790** (2019) 314 arXiv:1812.01004.
 20. *A Precision Event Generator for EW Corrections in Hadron Scattering: KKM-hh*, B.F.L. Ward, S. Jadach, Z. Was, and S.A. Yost, Proceedings of ICHEP 2018, Seoul, Korea, *PoS(ICHEP2018)* (2018) 189 arXiv:1811.09509.
 21. *Standard Model Theory for the FCC-ee: The Tera-Z*, A. Blondel *et al.*, CERN Yellow Report Monogr. 3 (2019). arXiv:1809.01830.
 22. *KKMC-hh: a Precision Event Generator for Electroweak Radiative Corrections in Hadron Scattering*, S. Yost, S. Jadach, B.F.L. Ward, and Z. Was, Proceedings of RADCOR 2017, St. Gilgen, Austria, Sept. 2017, *PoS(RADCOR2017)* (2018) 023. arXiv:1801.03560
 23. *Recent IR-Improved Results for LHC/FCC Physics*, Bennie F.L. Ward, Aditi Mukopadhyay, Bahram Shakerin, Zbigniew A. Was, and Scott A. Yost, Proceedings of RADCOR 2017, St. Gilgen, Austria, Sept. 2017, *PoS(RADCOR2017)* (2018) 083. arXiv:1801.03303
 24. *Interference Effects in a Very Precise Measurement of the Muon Charge Asymmetry at FCC-ee*, S. Jadach and S. Yost, *Acta Phys. Polonica* B48 (2017) 2283. arXiv:1712.04079
 25. *KKMC-hh: Resummed Exact $\mathcal{O}(\alpha^2)$ EW Corrections in a Hadronic MC Event Generator*, S. Jadach, B.F.L. Ward, Z. Was, and S.A. Yost, *Phys. Rev.* **D94** (2016) 074006. arXiv:1608.01260
 26. *HERWIRI2.1: Electroweak Corrections for Hadron Scattering*, Scott Yost and B.F.L. Ward, *Proceedings of Loops and Legs in Quantum Field Theory*, April 2016, Leipzig, Germany, *PoS(LL2016)* 062. arXiv:1606.09032

27. *Comparisons of Exact Amplitude-Based Resummation Predictions and LHC Data*, B.F.L. Ward, S.K. Majhi, A. Mukhopadhyay, and S.A. Yost, *Proc. ICHEP 2014, 37th International Conference on High Energy Physics, Valencia, Spain, 2 – 9 July, 2014*, *Nucl. Part. Phys. Proc.* **273-275** (2016) 2783. arXiv:1409.1554
28. *Exact Amplitude-Based Resummation, QCD Predictions, and LHC Data*, B.F.L. Ward, S.K. Majhi, A. Mukhopadhyay, and S.A. Yost, *Proc. QCD 14: 17th High Energy Physics International Conference on Quantum Chromodynamics (QCD), Montpellier, France, 30 June – 4 July, 2014*, *Nucl. Part. Phys. Proc.* **258-259** (2015). arXiv:1409.1545
29. *Phenomenological Study of the Interplay between IR-Improved DGLAP-CS Theory and the Precision of an NLO ME-Matched Parton Shower MC*, S.K. Majhi, A. Mukhopadhyay, B.F.L. Ward, and S.A. Yost, *Ann. Phys.* **350** (2014) 485. arXiv:1305.0023
30. *HERWIRI2: Exponentiated Electroweak Corrections in a Hadronic Event Generator*, S.A. Yost, V. Halyo, M. Hejna, and B.F.L. Ward, *Proc. ICHEP 2012, PoS* (2013) 095. arXiv:1311.5266
31. *Interplay of IR-Improved DGLAP-CS Theory and NLO Parton Shower MC Precision*, B.F.L. Ward, S.K. Majhi, A. Mukhopadhyay and S.A. Yost, *Proc. ICHEP 2012 PoS* (2013) 317 arXiv:1302.0758
32. *Interplay between IR-Improved DGLAP-CS Theory and NLO ME-Matched Parton Shower MC Precision*, S.K. Majhi, A. Mukhopadhyay, B.F.L. Ward, and S.A. Yost, *Phys. Lett.* **B719** (2013) 367, arXiv:1208.4750
33. *HERWIRI2: CEEEX Electroweak Corrections in a Hadronic MC*, Scott Yost, Valerie Halyo, Miroslav Hejna, and B.F.L. Ward, *Proceedings of RADCOR 2011, Mamallapuram, India, Sept. 26-30, 2011, PoS (RADCOR2011)* (2012), arXiv:1201.5906
34. *Exact Amplitude-Based Resummation in Quantum Field Theory: Recent Results*, B.F.L. Ward, S.K. Majhi, and S.A. Yost, *Proceedings of RADCOR 2011, Mamallapuram, India, Sept. 26-30, 2011, PoS (RADCOR2011)* (2012), arXiv:1201.0515
35. *The Epsilon Expansion of Feynman Diagrams via Hypergeometric Functions and Differential Reduction*, S.A. Yost, V.V. Bytev, M.Yu. Kalmykov, and B.A. Kniehl, *Proceedings of DPF 2011, Providence, July 9-13, 2011, SLAC Electronic Proceedings*, 2011, arXiv:1101.0210
36. *Differential Reduction Techniques for the Evaluation of Feynman Dia-*

- grams, S.A. Yost, V.V. Bytev, M.Yu. Kalmykov, B.A. Kniehl, and B.F.L. Ward, *Proceedings of ICHEP 2010, Paris, France, 22-28 July, 2010, PoS (ICHEP2010)* (2010) 135, arXiv:1101.2348
37. *HERWIRI1.031: New Approach to Parton Shower MC's in Precision QCD Theory*, B.F.L. Ward and S.A. Yost, *Proceedings of ICHEP 2010, Paris, France, 22-28 July, 2010, PoS (ICHEP2010)* (2010) 127, arXiv:1012.2653
38. *Theoretical Uncertainties in Electroweak Boson Production Cross Sections at 7, 10, and 14 TeV at the LHC*, Nadia Adam, Valerie Halyo, and Scott A. Yost, *JHEP* **11** (2010) 074, arXiv:1006.3766
39. *MC Realization of IR-Improved DGLAP-CS Parton Showers: HERWIRI1.0*, S. Joseph, S. Majhi, B.F.L. Ward, and S.A. Yost, *Proceedings of RADCOR 2009, Ascona, Switzerland, 25-30 Oct. 2009, Mod. Phys. Lett.* **A25** (2010) 2207, arXiv:1001.2730
40. *New Approach to Parton Shower MC's for Precision QCD Theory: HERWIRI1.0(31)*, S. Joseph, S. Majhi, B.F.L. Ward, and S.A. Yost, *Phys. Rev.* **D81** (2010) 076008, arXiv:1001.1434
41. *HERWIRI1.0(2): MC Realization of IR-Improvement for DGLAP-CS Parton Showers*, B.F.L. Ward, S. Joseph, S. Majhi, and S.A. Yost, *Proceedings of DPF-2009, Detroit, MI, eConf C090726* (2009), arXiv:0910.0491
42. *HERWIRI1.0(31): MC Realization of IR-Improved DGLAP-CS Parton Showers*, S. Joseph, S. Majhi, B.F.L. Ward, and S.A. Yost, *Phys. Lett.* **B685** (2010) 283-292, arXiv:0906.0788
43. *Proceedings of the Workshop: HERA and the LHC Series on the Implications of HERA for LHC Physics*, Z.J. Ajaltouni *et al.*, DESY-PROC-2009-02, SPIRES Conference C08/05/26.4, C07/03/12, C06/06/06.1 (2009), arXiv:0903.3861 (inSPIRE “Well-known”: 50+ citations)
44. *Differential Reduction Algorithms for Hypergeometric Functions Applied to Feynman Diagram Calculation*, V.V. Bytev, M. Kalmykov, Bernd A. Kniehl, B.F.L. Ward, and Scott A. Yost, *Proceedings of LCWS08/ILC08, International Linear Collider Workshop 2008, Chicago, Nov. 16 – 20, 2008*, arXiv:0902.1352
45. *Feynman Diagrams, Differential Reduction, and Hypergeometric Functions*, Mikhail Kalmykov, Vladimir V. Bytev, Bernd A. Kniehl, B.F.L. Ward, and Scott A. Yost, *Proceedings of ACAT 2008, XII International Workshop on Advanced Computing and Analysis Techniques in Physics Research, Erice, Sicily, Nov. 3 – 7, 2008*, arXiv:0901.4716

46. *Hypergeometric Functions, Their ε Expansions and Feynman Diagrams*, M. Yu. Kalmykov, Bernd A. Kniehl, B.F.L. Ward, and S.A. Yost, *Proceedings of Quarks-2008*, Sergiev Posad, Russia, May 23 – 29, 2008, arXiv:0810.3238
47. *Evaluation of the Theoretical Uncertainties in $W \rightarrow \ell\nu$ Cross Sections at the LHC*, N.E. Adam, Valerie Halyo, Scott A. Yost and Wen-Han Zhu, *JHEP* **09** (2008) 133, arXiv:0808.0758
48. *Precision $QED \otimes QCD$ Resummation Theory for LHC Physics: Status and Update*, B.F.L. Ward, S. Joseph, S. Majhi, and S.A. Yost, *Proceedings of HERA and the LHC*, CERN, Geneva, May 2008, arXiv:0808.3133
49. *Differential Reduction Algorithms for the All-Order ε -Expansion of Hypergeometric Functions*, S.A. Yost, M.Yu. Kalmykov and B.F.L. Ward *Proceedings of ICHEP-2008, the 34th International Conference on High Energy Physics*, Philadelphia, July 29 – Aug. 5, 2008, arXiv:0808.2605
50. *Evaluation of the Theoretical Uncertainties in $Z \rightarrow \ell^+\ell^-$ Cross Sections at the LHC*, N.E. Adam, Valerie Halyo, and Scott A. Yost, *JHEP* **05** (2008) 062, arXiv:0802.3251
51. *New Developments in Precision LHC Theory: $QED \otimes QCD$ Exponentiation, Shower/ME Matching, IR-Improved DGLAP-CS Theory and Implications for UV Finite Quantum Gravity*, B.F.L. Ward and S.A. Yost, *PoS (RAD COR 2007)* 038, arXiv:0802.0724
52. *On the All-Order ε -Expansion of Generalized Hypergeometric Functions with Integer Values of Parameters*, M.Yu. Kalmykov, B.F.L. Ward, and S.A. Yost, *JHEP* **11** (2007) 009, arXiv:0708.0803
53. *Multiple (Inverse) Binomial Sums of Arbitrary Weight and Depth and the All Order ε -Expansion of Generalized Hypergeometric Functions with One Half-Integer Value of Parameter*, M.Yu. Kalmykov, B.F.L. Ward, and S.A. Yost, *JHEP* **10** (2007) 048, arXiv:0707.3654
54. *$QED \otimes QCD$ Resummation and Shower/ME Matching for LHC Physics*, *Acta Phys. Polon.* **B38** (2007) 2395-2403, arXiv:0704.0294
55. *All-Order ε -Expansion of Gauss Hypergeometric Functions with Integer and Half-Integer Values of Parameters*, M.Yu. Kalmykov, B.F.L. Ward, and S.A. Yost, *JHEP* **02** 040 hep-th/0612240 (inSPIRE “Well-known”: 50+ citations)
56. *Numerically Stable Calculations of Radiative Corrections to Bremsstrahlung*, S.A. Yost, S. Jadach, and B.F.L. Ward, *ICHEP 2006: Proceedings of the*

33rd International Conference on High Energy Physics, Moscow, July 26 – Aug. 2, 2006 (World Scientific, 2007) 697, hep-ph/0610169

57. *QED \otimes QCD Exponentiation: Shower/ME Matching and IR-Improved DGLAP Theory at the LHC*, B.F.L. Ward and S.A. Yost, in *ICHEP 2006: Proceedings of the 33rd International Conference on High Energy Physics, Moscow, July 26 – Aug. 2, 2006* (World Scientific, 2007) 505, hep-ph/0610230
58. *Comparisons of Exact Results for the Virtual Photon Contribution to Single Hard Bremsstrahlung in Radiative Return for e^+e^- Annihilation*, S. Jadach, B.F.L. Ward and S.A. Yost, *Phys. Rev.* **D73** (2006) 073001, hep-ph/0602197
59. *Virtual Corrections to Bremsstrahlung in High-Energy Collider Physics: LHC and e^+e^- Colliders*, S.A. Yost and B.F.L. Ward, *Nucl. Phys. Proc. Suppl.* **B157** (2006) 78-82, hep-ph/0602030
60. *Virtual Corrections to Bremsstrahlung with Applications to Luminosity Processes and Radiative Return*, S.A. Yost, S. Majhi and B.F.L. Ward, *Proceedings of Loopfest IV, 2005 International Linear Collider Physics and Detector Workshop and Second ILC Accelerator Workshop*, Snowmass, CO eConf C0508141, ALCPG1911 (2005), hep-ph/0512022
61. *QED \otimes QCD Exponentiation and Shower/ME Matching at the LHC*, B.F.L. Ward and S.A. Yost, *Proceedings of HERA and the LHC*, CERN-2005-014 (2005) 304-308, hep-ph/0509003
62. *Radiative Corrections to Bremsstrahlung in Radiative Return*, S.A. Yost, S. Jadach and B.F.L. Ward, *Acta Phys. Polon.* **B36** (2005) 2379-2386, hep-ph/0505065
63. *Precision Calculations of W and Z Production at the LHC: Progress in Precision Luminosity Studies*, S.A. Yost, C. Glosser and B.F.L. Ward, contributed paper, *XII International Symposium on Lepton-Photon Interactions at High Energy*, Uppsala, Sweden, June 30 - July 5, 2005, PAPER-0063
64. *New Results on Precision Studies of Heavy Vector Boson Physics*, B.F.L. Ward, C. Glosser, S. Jadach, W. Placzek, M. Skrzypek, Z. Was and S.A. Yost, *Int. J. Mod. Phys.* **A20** (2005) 3258-3262, hep-ph/0411051
65. *Threshold Corrections in Precision LHC Physics: QED \otimes QCD*, B.F.L. Ward, C. Glosser, S. Jadach and S.A. Yost, *Int. J. Mod. Phys.* **A20** (2005) 3735-3738, hep-ph/0411047

66. *The Virtual Correction to Bremsstrahlung in High-Energy e^+e^- Annihilation: Comparison of Exact Results*, S.A. Yost, Chris Glosser, S. Jadach and B.F.L. Ward, *ICHEP 2004: Proceedings of the 32nd International Conference on High Energy Physics, Beijing* (World Scientific, Singapore, 2005) 478-481, hep-ph/0410238
67. *Threshold Corrections in $QED \otimes QCD$ at the LHC*, B.F.L. Ward, C. Glosser, S. Jadach and S.A. Yost, *ICHEP 2004: Proceedings of the 32nd International Conference on High Energy Physics, Beijing* (World Scientific, Singapore, 2005) 588-591, hep-ph/0410277
68. *Comparisons of Fully Differential Exact Results for $\mathcal{O}(\alpha)$ Virtual Corrections to Single Hard Bremsstrahlung in e^+e^- Annihilation at High Energies*, C. Glosser, S. Jadach, B.F.L. Ward and S. Yost, *Phys. Lett.* **B605** (2005) 123-128, hep-ph/0406298
69. *Comparison of Exact Results for the Virtual Corrections to Bremsstrahlung in Electron-Positron Annihilation at High Energies*, S.A. Yost, C. Glosser, S. Jadach and B.F.L. Ward, *Proceedings of LCWS 2004, The International Conference on Linear Colliders, Paris*, Addendum: Session on Loop Calculations (Éditions de l'École Polytechnique, Paris, 2007), hep-ph/0409041
70. *$QED \otimes QCD$ Threshold Corrections at the LHC*, C. Glosser, S. Jadach, B.F.L. Ward and S. Yost, *Mod. Phys. Lett.* **A19** (2004), 2113-2120, hep-ph/0404087
71. *Precision Electro-Weak and Hadronic Luminosity Calculations*, S.A. Yost, C. Glosser and B.F.L. Ward, *Quantum Theory and Symmetries: Proceedings of the 3rd International Symposium, Cincinnati* (World Scientific, Singapore, 2004), hep-ph/0401211
72. *Exact Differential $\mathcal{O}(\alpha^2)$ Results for Hard Bremsstrahlung in e^+e^- Annihilation to Two Fermions At and Beyond LEP2 Energies*, S. Jadach, M. Melles, B.F.L. Ward and S.A. Yost, *Phys. Rev.* **D65** (2002), 73030, hep-ph/0109279
73. *New Results on the Precision of the LEP Luminosity*, S. Jadach, M. Melles, B.F.L. Ward and S.A. Yost, *Acta Phys. Polon.* **B30** (1999), 1745-1750
74. *Precision Calculation of Bhabha Scattering at LEP*, W. Placzek, S. Jadach, M. Melles, B.F.L. Ward and S.A. Yost, *Fourth International Symposium on Radiative Corrections: Applications of Quantum Field Theory to Phenomenology, Barcelona* (World Scientific, Singapore, 1999), 325-333
75. *New Results on the Theoretical Precision of the LEP/SLC Luminosity*,

- B.F.L. Ward, S. Jadach, M. Melles and S.A. Yost, *Phys. Lett.* **B450** (1999), 262-266, hep-ph/9811245 (inSPIRE “Well-known”: 50+ citations)
76. *Theoretical Calculations of the Bhabha Process*, S. Jadach, M. Melles, W. Placzek, E. Richter-Was, M. Skrzypek, B.F.L. Ward, Z. Was and S.A. Yost, *ICHEP '96: Proceedings of the 28th International Conference on High Energy Physics*, Warsaw (World Scientific, Singapore, 1997), 1072-1076
77. *Precise Calculations of the Bhabha Process*, S. Jadach, M. Melles, W. Placzek, E. Richter-Was, M. Skrzypek, B.F.L. Ward, Z. Was and S.A. Yost, *Acta Phys. Polon.* **B28** (1997), 925-942
78. *Bhabha Process at LEP: Theoretical Calculations*, S. Jadach, M. Melles, B.F.L. Ward and S.A. Yost, *Nucl. Phys. Proc. Suppl.* **51C** (1996), 164-173, hep-ph/9603248
79. *Exact Results on $\mathcal{O}(\alpha)$ Corrections to the Single Hard Bremsstrahlung Process in Low Angle Bhabha Scattering in the SLC/LEP Energy Regime*, S. Jadach, M. Melles, B.F.L. Ward and S. Yost, *Phys. Lett.* **B377** (1996), 168-176, hep-ph/9603248
80. *Theoretical Expectations For High Mass Photon Pairs in $l^+l^-\gamma\gamma$ Events at LEP/SLC*, S. Jadach, B.F.L. Ward and S.A. Yost, *Phys. Rev.* **D51** (1995), 3149-3152, hep-ph/9402350
81. *Higher-order Radiative Corrections to Bhabha Scattering at Low Angles: the YFS Monte Carlo Approach*, S. Jadach, M. Melles, W. Placzek, E. Richter-Was, M. Skrzypek, B.F.L. Ward, Z. Was and S. Yost, in *Reports of the Working Group on Precision Calculations for the Z Resonance* (CERN Yellow Report 95-03, 1995) 343-359
82. *Higher-order Radiative Corrections to Bhabha Scattering at Low Angles: YFS Monte Carlo Approach*, S. Jadach, M. Melles, W. Placzek, E. Richter-Was, M. Skrzypek, B.F.L. Ward, Z. Was and S. Yost, *Tennessee International Symposium on Radiative Corrections, Gatlinburg 1994* (World Scientific, Singapore, 1994), 153-167
83. *QED Corrections to Luminosity Measurements at LEP*, S. Jadach, M. Melles, W. Placzek, E. Richter-Was, M. Skrzypek, B.F.L. Ward, Z. Was and S. Yost, *Electroweak Interactions and Unified Theories, Moriond 1994* (Meribell, France, 1994), 167-180
84. *Higher Order Radiative Corrections to Z^0 and SSC Physics: YFS Monte Carlo Approach*, B.F.L. Ward, D. DeLaney, S. Jadach, Ch. Shio, G. Siopsis, M. Skrzypek, E. Richter-Was, Z. Was, and S.A. Yost, *Acta Phys.*

- Polon.* **B25** (1994), 245-264
85. *Exact Results on $e^+e^- \rightarrow e^+e^- + 2\gamma$ at SLC/LEP Energies*, S. Jadach, B.F.L. Ward and S. Yost, *Phys. Rev.* **D47** (1993) 2682-2689, hep-ph/9211252
86. *Charged Black Holes in Two-Dimensional String Theory*, M. McGuigan, C. Nappi and S. Yost, *Nucl. Phys.* **B375** (1992), 421-452, hep-th/9111038 (inSPIRE “Very well-known”: 100+ citations)
87. *Supermatrix Models*, S. Yost, *Int. J. Mod. Phys.* **A7** (1992) 6105-6120, hep-th/9111033
88. *Superstring Field Theory*, C. Preitschopf, C. Thorn and S. Yost, *Superstrings and Particle Theory, Tuscaloosa 1989* (World Scientific, Singapore, 1990) 38-48
89. *Superstring Field Theory*, C. Preitschopf, C. Thorn and S. Yost, *Nucl. Phys.* **B337** (1990) 363-433 (inSPIRE “Very well-known”: 100+ citations)
90. *Bosonized Superstring Boundary States and Partition Functions*, S. Yost, *Nucl. Phys.* **B321** (1989) 629-652
91. *Loop Corrections to Superstring Equations of Motion*, C. Callan, C. Lovelace, C. Nappi, and S. Yost, *Nucl. Phys.* **B308** (1988) 221 (inSPIRE “Famous”: 250+ citations)
92. *Loop Corrections to Conformal Invariance for Type I Superstrings*, C. Callan, C. Lovelace, C. Nappi, and S. Yost, *Phys. Lett.* **206B** (1988) 41
93. *String Loops in Background Fields*, S. Yost, Princeton University thesis (1987)
94. *Adding Holes and Crosscaps to the Superstring*, C. Callan, C. Lovelace, C. Nappi, and S. Yost, *Nucl. Phys.* **B293** (1987) 83 (inSPIRE “Famous”: 250+ citations)
95. *String Loop Corrections to Beta Functions*, C. Callan, C. Lovelace, C. Nappi, and S. Yost, *Nucl. Phys.* **B288** (1987) 525 (inSPIRE “Famous”: 250+ citations)
96. *Open Strings in Background Gauge Fields*, A. Abouelsaood, C. Callan, C. Nappi, and S. Yost, *Nucl. Phys.* **B280** (1987) 599 (inSPIRE “Renowned”: 500+ citations)

97. *The Mass of the H Dibaryon in a Chiral Model*, S. Yost and C. Nappi, *Phys. Rev.* **D32** (1985) 816 (inSPIRE “Well-known”: 50+ citations)

Unpublished Presentations

1. *KKMC-hh: Comparison of IFI Correction Definitions, Preliminary Results on $Z \rightarrow l^+l^-\gamma$* , LHC Electroweak Precision Sub-Group Meeting, CERN, Jan. 28, 2022.
2. *KKMC-hh Update: Updated Results and a New Approach to Initial State Radiation*, LHC Electroweak Precision Sub-Group Meeting, CERN, Nov. 12, 2021.
3. *KKMC-hh Update: Recent IFI Results and Comments on ISR and PDFs*, LHC Electroweak Precision Sub-Group Meeting, CERN, Sept. 17, 2021.
4. *KKMC-hh: Results from a Recent Run and Description of the Implementation of Initial-Final Interference*, LHC Electroweak Precision Sub-Group Meeting, CERN, June 17, 2021.
5. *KKMC-hh: Quark Mass Dependence in AFB Calculation and Comparisons of NNPDF and MMHT PDFs*, LHC Electroweak Precision Sub-Group Meeting, CERN, Feb. 26, 2021.
6. *KKMC-hh: Update on A_{FB} and Comments on Quark Mass Dependence*, LHC Precision Sub-Group Meeting, Dec. 18, 2020.
7. *New Results on KKMC-hh with DIZET 6.45*, LHC Electroweak Precision Sub-Group Meeting, CERN, Nov. 11, 2020.
8. *KKMC-hh Update*, LHC Electroweak Precision Sub-Group Meeting, CERN, July 13, 2020.
9. *Update on DIZET 6.21 vs 6.45 in KKMC-hh*, LHC Electroweak Precision Sub-Group Meeting, CERN, June 4, 2020.
10. *Updated results for KKMC-hh with DIZET 6.45*, LHC Electroweak Precision Sub-Group Meeting, CERN, April 21, 2020.
11. *New Results for KKMC-hh with DIZET 6.45*, LHC Electroweak Precision Sub-Group Meeting, CERN, March 27, 2020.
12. *Update on KKMC-hh with DIZET 6.45*, LHC Electroweak Working Group General Meeting, CERN, Feb. 26, 2020.
13. *Updates from KKMC-hh*, LHC Electroweak Precision Sub-Group Meeting (QED/EW Corrections near Z Pole), CERN, Jan. 29, 2020.
14. *Summary of ISR and IFI Results from KKMC-hh*, LHC Electroweak Precision Sub-Group Meeting, CERN, Dec. 16, 2019.
15. *Update on KKMC-hh Calculations*, LHC Electroweak Precision Sub-Group

- Meeting, CERN, Oct. 2, 2019.
16. *IFI and ISR effects for Z Drell-Yan observables using KKMC-hh*, LHC EW Precision Sub-Group Workshop, Institute for Particle Physics Phenomenology, Durham University, Durham England, April 4, 2019.
 17. *Update on QED ISR and IFI benchmarking by KKMC-hh*, LHC EW Precision Sub-Group Meeting, CERN, Dec. 12, 2018.
 18. *IFI and ISR effects for Z Drell-Yan observables using KKMC-hh*, LHC EW Precision Sub-Group Meeting, CERN, Nov. 11, 2018.
 19. *Progress with KKMC-hh on IFI and ISR effects on DY Z observables*, LHC EW Precision Sub-Group Meeting, CERN, Sept. 25, 2018.
 20. *Electroweak Corrections for Future e^+e^- Colliders: Low-Angle Bhabha Scattering and Charge Asymmetry Near the Z Resonance*, Loopfest 2018, Michigan State University, July 18, 2018.
 21. *Status of KKMC-hh: Effects of ISR and IFI on Angular Distributions*, LHC Electroweak Precision Subgroup Meeting, CERN, Geneva, Switzerland, April 26, 2018.
 22. *Exact $\mathcal{O}(\alpha^2 L)$ CEEEX Electroweak Calculations*, W Mass Workshop, University of Mainz, Mainz, Germany, Feb. 10, 2017.
 23. *Electroweak Corrections in a Hadronic MC for Z Production*, Electroweak Precision Measurements Workshop, LAL, Orsay, France, Oct. 5, 2017.
 24. *Muon Forward-Backward Asymmetry and $\alpha(M_Z)$ for FCC-ee*, Institute of Nuclear Physics IFJ-PAN theoretical physics seminar, Jan. 25, 2016, Cracow, Poland.
 25. *HERWIRI1 and 2: Amplitude-Based Resummation in Precision Hadronic Scattering*, Loopfest XI, Pittsburgh, PA, May 12, 2012.
 26. *The Hypergeometric Representation of Feynman Diagrams and Construction of the Epsilon Expansion*, Particle Physics Seminar, The Henryk Niewodniczański Institute of Nuclear Physics, Polish Academy of Sciences, Cracow, Jan. 14, 2011
 27. *The Hypergeometric Representation of Feynman Diagrams and Construction of the Epsilon Expansion*, invited talk in the AMS Special Session *Mathematics Related to Feynman Diagrams* at the 2011 Joint Mathematics Meetings, New Orleans, Jan. 9, 2011
 28. *New Results from the HERWIRI Event Generator Project*, Loopfest IX, Stony Brook, NY, June 21, 2010
 29. *The Physics of the LHC*, Sigma Pi Sigma presentation, The Citadel, Nov. 13, 2009
 30. *Theoretical Uncertainties in Vector Boson Production at the LHC*, Pheno

- 09, Madison, WI, May 2009
31. *HERWIRI: Progress on a Precision Event Generator for W and Z Production at the LHC*, Loopfest VIII, Madison, WI, May 8, 2009
 32. *Hypergeometric Functions and Feynman Diagrams*, Mathematics Colloquium, College of Charleston, Charleston, SC, April 17, 2009
 33. *Precision Physics at the Large Hadron Collider (LHC)*, Physics Seminar, The Citadel, Charleston, SC, Feb. 2008
 34. *Precision Physics at the Large Hadron Collider (LHC)*, Physics Colloquium, Sacramento State, Sacramento, CA, Dec. 11, 2007
 35. *All Order Epsilon-Expansion of Gauss Hypergeometric Functions with Integer and Half-Integer Values of Parameters*, APS April Meeting, Jacksonville, 2007
 36. *QED \otimes QCD Resummation and Shower/ME Matching for LHC Physics*, poster, APS April Meeting, Jacksonville, 2007
 37. *Precision Physics for the LHC*, Physics Seminar, Erskine College, Due West, SC, March 2, 2007
 38. *Precision Calculations of Radiative Corrections for ILC Physics*, Joint Meeting of Pacific Region Particle Physics Communities, Honolulu, Oct.-Nov. 2006
 39. *Exponentiated Monte Carlo Approach to Vector Boson Production at the LHC*, Texas Section of the APS Fall Meeting, U.T. Arlington, Oct. 2006
 40. *Precision Studies of Radiative Corrections to Bhabha Scattering and Fermion Pair Production*, International School-Workshop “Calculations for Modern and Future Colliders”, Dubna, Russia, July 2006
 41. *QED \otimes QCD Exponentiation and Shower/ME Matching at the LHC*, Second Workshop on HERA and the LHC, CERN, Geneva, June 2006
 42. *On a General Procedure for Evaluating Higher Order Radiative Corrections for LHC Physics*, APS April Meeting, Dallas, 2006
 43. *Comparisons of Exact Results for the Virtual Photon Contribution to Single Hard Bremsstrahlung in Radiative Return for Electron-Positron Annihilation*, APS April Meeting, Dallas, 2006
 44. *QED \otimes QCD Exponentiation and Shower/ME Matching at High Energies*, APS April Meeting, Dallas, 2006
 45. *Comparisons of Virtual Corrections to Bremsstrahlung in Radiative Return at High Energy e^+e^- Colliders*, APS April Meeting, Tampa, 2005
 46. *QCD \otimes QED Exponentiation and Shower/ME Matching at the LHC*, APS April Meeting, Tampa, 2005

47. *Virtual Corrections to Bremsstrahlung in High Energy e^+e^- Colliders*, Texas Section of the APS Fall Meeting, Baylor, Oct. 2004
48. *Luminosity Calculations for the LHC*, APS April Meeting, Denver, 2004
49. *Precision Electroweak Studies in Electron-Positron Collisions*, Physics Department Colloquium, University of Tennessee, March 1999
50. *Exact Results on 2-Photon Bremsstrahlung in e^+e^- Scattering at SLC/LEP Energies*, Particle Physics Seminar, Univ. of Oklahoma, March 1993
51. *Exact Results on $e^+e^- \rightarrow e^+e^- + 2\gamma$ at SLC/LEP Energies*, APS April Meeting, Washington, DC, 1993
52. *Exact Results on $e^+e^- \rightarrow e^+e^- + 2\gamma$ at SLC/LEP Energies*, Seminar, Univ. of Florida, fall 1992
53. *Superstring Field Theory*, Seminar, City College of New York, Dec. 1989
54. *Superstring Field Theory*, Seminar, SUNY Stony Brook, Dec. 1989
55. *Superstring Corrections to Conformal Invariance*, Seminar, Univ. of Miami, Oct. 1988
56. *String Loop Corrections to Beta Functions*, Seminar, Univ. of Florida, Feb. 1987
57. *String Loop Corrections to Beta Functions*, Seminar, City College of New York, Jan. 1987
58. *String Loop Corrections to Beta Functions*, Workshop on Superstrings, Institute of Theoretical Physics, Santa Barbara, 1986

Conferences, Workshops, and Schools Attended

1. *LHC Electroweak Precision Sub-Group Meeting, EW Corrections Near the Z Pole*, CERN, Geneva, Switzerland, Dec. 18, 2020 (via Zoom)
2. *LHC Electroweak Precision Sub-Group Meeting, EW Corrections Near the Z Pole*, CERN, Geneva, Switzerland, Nov. 11, 2020 (via Zoom)
3. *ICHEP 2020, the 40th International Conference on High Energy Physics*, Prague, Czech Republic, July 28 - Aug. 6, 2020 (Virtual Conference)
4. *LHC Electroweak Precision Sub-Group Meeting, EW Corrections Near the Z Pole*, CERN, Geneva, Switzerland, July 13, 2020 (via Vidyo)
5. *LHC Electroweak Precision Sub-Group Meeting, EW Corrections Near the Z Pole*, CERN, Geneva, Switzerland, June 4, 2020 (via Vidyo)
6. *LHC Electroweak Precision Sub-Group Meeting, EW Corrections Near the Z Pole*, CERN, Geneva, Switzerland, March 27, 2020 (via Vidyo)

7. *LHC Electroweak Precision Sub-Group Meeting, EW Corrections Near the Z Pole*, CERN, Geneva, Switzerland, Jan. 29, 2020 (via Vidyo)
8. *LHC Electroweak Working Group General Meeting*, CERN, Geneva, Switzerland, Feb. 26, 2020 (via Vidyo).
9. *LHC Electroweak Precision Sub-Group Meeting*, CERN, Geneva, Switzerland, Dec. 16, 2019 (via Vidyo)
10. *LHC Electroweak Precision Sub-Group Meeting*, CERN, Geneva, Switzerland, Oct. 2, 2019 (via Vidyo)
11. *RADCOR 2019, 14th International Symposium on Radiative Corrections*, Avignon, France, Sept. 9 – 13, 2019
12. *LHC Electroweak Precision Sub-Group Workshop*, Institute for Particle Physics Phenomenology, Durham University, Durham, England, April 2 – 5, 2019
13. *LHC Electroweak Precision Sub-Group Meeting*, CERN, Geneva, Switzerland, Dec. 12, 2018 (via Vidyo)
14. *LHC Electroweak Precision Sub-Group Meeting*, CERN, Geneva, Switzerland, Nov. 13 – 15, 2018 (via Vidyo)
15. *LHC Electroweak Precision Sub-Group Meeting*, CERN, Geneva, Switzerland, Sept. 25, 2018 (via Vidyo)
16. *Loopfest XVII*, Michigan State University, July 16 – 20, 2018
17. *LHC Electroweak Precision Sub-Group Meeting*, CERN, Geneva, Switzerland, April 26, 2018 (via Vidyo)
18. *Electroweak W Mass Workshop*, LAL, Orsay, France, Oct. 2 – 6, 2017 (via Vidyo)
19. *RADCOR 2017, 13th International Symposium on Radiative Corrections*, St. Gilgen, Austria, Sept. 24 – 29, 2017
20. *W Boson Mass Workshop*, University of Mainz, Mainz, Germany, Feb. 9 – 10, 2017 (via Vidyo)
21. *Loops and Legs in Quantum Field Theory*, Leipzig, Germany, April 24 – 29, 2016
22. *10th FCC-ee Physics Workshop and FCC-ee Mini-Workshop: Physics Behind Precision*, CERN, Geneva, Switzerland, Feb. 2 – 5, 2016,
23. *Cracow Epiphany Conference on the Physics in LHC Run 2*, Cracow, Poland, Jan. 7 – 9, 2016
24. *First FCC-ee Workshop on Higgs Physics*, CERN, Geneva, Switzerland, Sept. 24 – 25, 2015
25. *2013 Lepton Photon Conference*, San Francisco, June 24 – 29, 2013

26. *Loopfest XII*, Tallahassee, Florida, May 13 – 15, 2013
27. *2013 AAPT Winter Meeting, New Orleans, Jan. 5 – 9, 2013*,
28. *35th International Conference on High Energy Physics*, Melbourne, Australia, July 4 – 11, 2012
29. *Loopfest XI*, Pittsburgh, PA, May 10 – 12, 2012
30. *Phenomenology 2012 Symposium*, Pittsburgh, PA, May 7 – 9, 2012
31. *RADCOR 2011, 10th International Symposium on Radiative Corrections*, Mamallapuram, India, Sept. 26 – 30, 2011
32. *Meeting of the APS Division of Particles and Fields*, Brown Univ., Aug. 9 – 13, 2011
33. *Standard Model Benchmarks at High Energy Colliders*, DESY Zeuthen, Germany, June 15 – 17, 2011
34. *Cracow Epiphany Conference on the First Year of the LHC*, Cracow, Poland, Jan. 10 – 12, 2011
35. *2011 Joint Mathematics Meetings*, New Orleans, Jan. 6 – 9, 2011
36. *Standard Model Benchmarks at the Tevatron and LHC*, Fermilab, Nov. 19 – 20, 2010
37. *The 34th International Conference on High Energy Physics*, Paris, July 22 – 28, 2010
38. *The Physics of W and Z Bosons*, RIKEN BNL Research Center, Brookhaven National Laboratory, June 24 – 25, 2010
39. *Loopfest IX*, Stony Brook, NY, June 21 – 23, 2010
40. *Phenomenology 2009 Symposium*, Madison, WI, May 11 – 13, 2009
41. *Loopfest VIII*, Madison, WI, May 7 – 9, 2009
42. *International Linear Collider Workshop 2008: LCWS08/ILC08*, Chicago, Nov. 16 – 20, 2008
43. *Strings, Geometry, and the LHC*, 2008 Simons Workshop in Mathematics and Physics, Stony Brook University, July, 2008
44. *APS April Meeting*, Jacksonville, FL, Apr. 14 – 17, 2007
45. *“Physics at LHC: From Experiment to Theory” and second workshop on “Monte Carlo Tools for Beyond the Standard Model Physics” (MC4BSM)*, Princeton, March 21 – 24, 2007
46. *Cracow Epiphany Conference on Precision Physics and Monte Carlos for LHC*, Cracow, Poland, Jan. 4 – 6, 2007
47. *Joint Meeting of Pacific Region Particle Physics Communities*, Honolulu, Hawaii, Oct. 29 – Nov. 4 2006

48. *TSAPS/AAPT/SPS Joint Fall Meeting*, Univ. of Texas, Arlington, Oct. 5 – 7, 2006
49. *The 33rd International Conference on High Energy Physics*, Moscow, July 26 – Aug. 2, 2006
50. *International School-Workshop “Calculations for Modern and Future Colliders” (CALC-2006)*, Dubna, Russia, July 15-25, 2006
51. *2nd Workshop on the Implications of HERA for LHC Physics*, CERN, Geneva, Switzerland, June 6 – 9, 2006
52. *Seventh International Symposium on Radiative Corrections: Application of Quantum Field Theory to Phenomenology (RADCOR 2005)*, Shonan Village, Japan, Oct. 2 – 7, 2005
53. *2005 International Linear Collider Physics and Detector Workshop and Second ILC Accelerator Workshop*, Snowmass, CO, Aug. 14 – 27, 2005
54. *XXII International Symposium on Lepton-Photon Interactions at High Energy*, Uppsala, Sweden, June 30 - July 5, 2005
55. *APS April Meeting*, Tampa, FL, Apr. 16 – 19, 2005
56. *Cracow Epiphany Conference on Hadron Spectroscopy*, Cracow, Poland, Jan. 6 – 8, 2005
57. *APS/AAPT New Faculty Seminar*, College Park, MD, Nov. 2004
58. *TSAPS/AAPT/SPS Joint Fall Meeting*, Baylor University, Oct. 7 – 9, 2004
59. *32nd International Conference on High Energy Physics*, Beijing, China, Aug. 16 – 22, 2004
60. *APS April Meeting*, Denver, CO, Apr. 30 – May 4, 2004
61. *International Conference on Linear Colliders LCWS 04*, Paris, France, Apr. 19 – 23, 2004
62. *Third International Symposium on Quantum Theory and Symmetries*, Cincinnati, Sept. 9 – 14, 2003
63. *PierreFest*, Institute for Fundamental Theory, Univ. of Florida, Feb. 1 – 2, 2003
64. *Special Birthday Symposium in Honor of Curtis G. Callan, Jr.*, Nov. 1 – 2, 2002
65. *Cracow Epiphany Conference on Neutrinos in Physics and Astrophysics*, Jan. 6 – 9, 2000
66. *Cracow Epiphany Conference on Electron-Positron Colliders*, Jan. 5 – 10, 1999

67. *Trends in Mathematical Physics*, Univ. of Tennessee, Knoxville, Oct. 1998
68. *Cracow Epiphany Conference on Spin Effects in Particle Physics*, Jan. 9 – 11, 1998
69. *Tennessee International Symposium on Radiative Corrections: Status and Outlook (RADCOR-94)*, Gatlinburg, TN, June 27 – July 1, 1994
70. *Second IFT Workshop on Yukawa Couplings and the Origins of Mass*, Institute for Fundamental Theory, Univ. of Florida, Feb. 11 – 13, 1994
71. *1992 SLAC Summer Institute: The Third Family and the Physics of Flavor*, Stanford Linear Accelerator Center, July 13 – 24, 1992
72. *Princeton Lectures on Biophysics*, NEC Research Institute, Princeton, NJ, June 23 – 29, 1991
73. *Aspen Center for Physics Summer Program*, Aspen, CO, Aug. 1990
74. *Strings '90*, Texas A& M University, Mar. 12 – 17, 1990
75. *Superstrings and Particle Theory / SEPAPS Meeting*, Tuscaloosa, AL, Nov. 8–11, 1989
76. *Aspen Center for Physics Summer Program*, Aspen, CO, Aug. 1989
77. *Strings '89*, Texas A& M University, Mar. 13 – 18, 1989
78. *Aspen Center for Physics Summer Program*, Aspen, CO, 1988
79. *Strings '88*, Univ. of Maryland, College Park, MD, May 24 – 28, 1988
80. *Workshop on Superstrings*, Institute of Theoretical Physics, Santa Barbara, 1986
81. *Theoretical Advanced Study Institute in High Energy Physics*, Yale University, summer 1985
82. *Symposium on Anomalies, Geometry and Topology*, Argonne National Laboratory, Univ. of Chicago, March 28 – 30, 1985