

# YANG MA

INFN, Sezione di Bologna  $\diamond$  Via Irnerio 46, 40126 Bologna, Italy

✉ [yang.ma@bo.infn.it](mailto:yang.ma@bo.infn.it)    🌐 <https://yangphy.github.io>

## PROFESSIONAL PREPARATION

---

<b>Ph.D. in Physics</b> University of Pittsburgh, PA, U.S.A.	August 2022 Advisor: Tao Han
<b>M.S. in Physics</b> Chongqing University, Chongqing, China	June 2016

## SKILLS

---

**Programming Language:** C/C++, Fortran, Python, Shell script  
**Handy Programs:** Mathematica, Matlab, L<sup>A</sup>T<sub>E</sub>X, Excel, Powerpoint, Linux (OS)  
**HEP Packages:** MadGraph5\_aMC@NLO, Pythia, FeynRules, FeynArts, FeynCalc, FormCalc, WHIZARD, ManeParse

## POSITION HELD

---

<b>Postdoctoral Researcher</b> INFN Bologna, Italy	September 2022 - present
<b>Graduate Teaching Fellow</b> Dept. Physics & Astronomy, University of Pittsburgh	May 2022 - July 2022
<b>Graduate Research Fellow</b> Dept. Physics & Astronomy, University of Pittsburgh	January 2022 - April 2022
<b>Arts &amp; Sciences Pre-Doctoral Fellow</b> Kenneth P. Dietrich School of Arts & Sciences, University of Pittsburgh	September 2020 - December 2021
<b>Graduate Research Assistant</b> Dept. Physics & Astronomy, University of Pittsburgh	January 2020 - August 2020
<b>Graduate Teaching Assistant</b> Dept. Physics & Astronomy, University of Pittsburgh	August 2016 - January 2020

## AWARDS AND HONORS

---

<b>Outstanding Reviewer Awards 2022</b> Journal of Physics Communications, IOP Publishing	March 2023
<b>DPF Student Travel Award</b> APS Division of Particles and Fields (DPF)	April 2022
<b>Thomas-Lain Scholarship</b> Dept. Physics & Astronomy, University of Pittsburgh	April 2021
<b>FGSA Award for Excellence in Graduate Research</b> American Physical Society (APS)	February 2021
<b>Arts &amp; Sciences Graduate Fellowship</b> Kenneth P. Dietrich School of Arts & Sciences, University of Pittsburgh	September 2020

## MEMBERSHIP IN PROFESSIONAL SOCIETIES

---

American Physical Society (APS) member	March 2021 - present
International Organization of Chinese Physics & Astrophysics member	September 2021 - present
American Association for the Advancement of Science (AAAS) member	September 2021 - present
International Muon collider collaboration (IMCC) member	July 2022 - present

## SUMMER SCHOOLS ATTENDED

---

1. **CTEQ 2022**, University of Pittsburgh  
*CTEQ School on QCD and Electroweak Phenomenology* July 2022
2. **SSI 2021**, SLAC  
*49th SLAC SUMMER INSTITUTE: The Higgs State Fair* August 2021
3. **HCPSS 2020**, Fermilab  
*15th annual Fermilab-CERN Hadron Collider Physics Summer School* August 2020
4. **TASI 2020**, University of Colorado Boulder  
*The Obscure Universe: Neutrinos and Other Dark Matters* June 2020
5. **CTEQ 2019**, University of Pittsburgh  
*CTEQ School on QCD and Electroweak Phenomenology* July 2019
6. **CTEQ 2017**, University of Pittsburgh  
*CTEQ School on QCD and Electroweak Phenomenology* July 2017

## REFEREE SERVICE

---

- Physical Review D (Phys. Rev. D)  $\times 1$
- Chinese Physics C (CPC)  $\times 1$
- The European Physical Journal C (Eur. Phys. J. C)  $\times 1$
- Journal of Physics Communications (J. Phys. Commun.)  $\times 1$
- Journal of Physics G: Nuclear and Particle Physics (J. Phys. G)  $\times 2$
- Nuclear Physics B (Nucl. Phys. B)  $\times 1$
- Machine Learning: Science and Technology (MLST)  $\times 1$

## TEACHING EXPERIENCE

---

### Graduate Teaching Fellow (instructor) at the University of Pittsburgh

- PHYS 0174 - *Basic Physics, Science and Engineering 1*, Summer 2022  
Covers Mechanics and Wave

## Graduate Teaching Assistant at the University of Pittsburgh

- PHYS 0219 - *Basic Laboratory Physics for Science and Engineering*  
Fall 2016, Spring 2017, and Fall 2018
- PHYS 0212 - *Introduction to Laboratory Physics*  
Fall 2017, Spring 2018, and Summer 2018
- PHYS 0110 - *Introduction to Physics 1*, Summer 2018  
Covers Mechanics, Heat and Thermodynamics, and Waves
- PHYS 0111 - *Introduction to Physics 2*, Summer 2017  
Covers Thermodynamics, Electromagnetism, Optics, Special Relativity, and Quantum Physics
- PHYS 0175 - *Basic Physics, Science and Engineering 2*, Spring 2019 and Summer 2021  
Covers Electromagnetism, Elementary Quantum Mechanics, and Atomic Structure

## Graduate Teaching Assistant at Chongqing University

- College Physics I - *Classical Mechanics and Electromagnetism*, Spring 2014
- College Physics II - *Thermodynamics, Optics and Special Relativity*, Fall 2013

## MENTORING EXPERIENCE

---

- Dept. Physics & Astronomy Graduate Student Mentor August 2021 - May 2022  
Mentor three first year graduate students
- Assist to guide one visiting graduate student (*Xiaoze Tan*) December 2019 - December 2020  
(*JHEP* **08** (2022) 073 [2202.08273])
- Assist to guide one visiting undergraduate student June 2019 - August 2019

## PUBLICATIONS IN REFEREED JOURNALS

---

Based on INSPIRE database (<https://inspirehep.net/authors/1514492>)

In high-energy physics, authorship is traditionally alphabetical.

Total journal citations over 700 times; Top-cited single paper over 100 cites; All papers h-index: 19.

1. E. Celada, T. Han, W. Kilian, N. Kreher, Y. Ma, F. Maltoni et al., *Probing Higgs-muon interactions at a multi-TeV muon collider*, **2312.13082**.
2. C. Accettura et al., *Towards a muon collider*, *Eur. Phys. J. C* **83** (2023) 864 [2303.08533].
3. T. Han, A. K. Leibovich, Y. Ma and X.-Z. Tan, *Higgs boson decay to charmonia via c-quark fragmentation*, *JHEP* **08** (2022) 073 [2202.08273].
4. T. Han, W. Kilian, N. Kreher, Y. Ma, J. Reuter, T. Striegl et al., *Precision Test of the Muon-Higgs Coupling at a High-energy Muon Collider*, *JHEP* **12** (2021) 162 [2108.05362].
5. D. Buarque et al., *Vector Boson Scattering Processes: Status and Prospects*, *Rev. Phys.* **8** (2022) 100071 [2106.01393].
6. T. Han, Y. Ma and K. Xie, *Quark and gluon contents of a lepton at high energies*, *JHEP* **02** (2022) 154 [2103.09844].
7. T. Han, Y. Ma and K. Xie, *High energy leptonic collisions and electroweak parton distribution functions*, *Phys. Rev. D* **103** (2021) L031301 [2007.14300].
8. Z. Sun and Y. Ma, *Inclusive productions of  $\Upsilon(1S, 2S, 3S)$  and  $\chi_b(1P, 2P, 3P)$  via the Higgs boson decay*, *Phys. Rev. D* **100** (2019) 094019 [1909.08548].

9. Z. Sun, X.-G. Wu, Y. Ma and S. J. Brodsky, *Exclusive production of  $J/\psi + \eta_c$  at the B factories Belle and Babar using the principle of maximum conformality*, *Phys. Rev. D* **98** (2018) 094001 [[1807.04503](#)].
10. Y. Ma and X.-G. Wu, *Renormalization scheme dependence of high-order perturbative QCD predictions*, *Phys. Rev. D* **97** (2018) 036024 [[1707.09886](#)].
11. J.-M. Shen, X.-G. Wu, Y. Ma and S. J. Brodsky, *The Generalized Scheme-Independent Crewther Relation in QCD*, *Phys. Lett. B* **770** (2017) 494 [[1611.07249](#)].
12. H.-Y. Bi, X.-G. Wu, Y. Ma, H.-H. Ma, S. J. Brodsky and M. Mojaza, *Degeneracy Relations in QCD and the Equivalence of Two Systematic All-Orders Methods for Setting the Renormalization Scale*, *Phys. Lett. B* **748** (2015) 13 [[1505.04958](#)].
13. H.-H. Ma, X.-G. Wu, Y. Ma, S. J. Brodsky and M. Mojaza, *Setting the renormalization scale in perturbative QCD: Comparisons of the principle of maximum conformality with the sequential extended Brodsky-Lepage-Mackenzie approach*, *Phys. Rev. D* **91** (2015) 094028 [[1504.01260](#)].
14. Y. Ma, X.-G. Wu, H.-H. Ma and H.-Y. Han, *General Properties on Applying the Principle of Minimum Sensitivity to High-order Perturbative QCD Predictions*, *Phys. Rev. D* **91** (2015) 034006 [[1412.8514](#)].
15. H.-B. Fu, X.-G. Wu and Y. Ma,  *$B \rightarrow K^*$  Transition Form Factors and the Semi-leptonic Decay  $B \rightarrow K^* \mu^+ \mu^-$* , *J. Phys. G* **43** (2016) 015002 [[1411.6423](#)].
16. H.-B. Fu, X.-G. Wu, H.-Y. Han, Y. Ma and H.-Y. Bi, *The  $\rho$ -meson longitudinal leading-twist distribution amplitude*, *Phys. Lett. B* **738** (2014) 228 [[1409.3053](#)].
17. G. Chen, X.-G. Wu, Z. Sun, Y. Ma and H.-B. Fu, *Photoproduction of doubly heavy baryon at the ILC*, *JHEP* **12** (2014) 018 [[1408.4615](#)].
18. H.-B. Fu, X.-G. Wu, H.-Y. Han and Y. Ma,  *$B \rightarrow \rho$  transition form factors and the  $\rho$ -meson transverse leading-twist distribution amplitude*, *J. Phys. G* **42** (2015) 055002 [[1406.3892](#)].
19. X.-G. Wu, Y. Ma, S.-Q. Wang, H.-B. Fu, H.-H. Ma, S. J. Brodsky et al., *Renormalization Group Invariance and Optimal QCD Renormalization Scale-Setting*, *Rept. Prog. Phys.* **78** (2015) 126201 [[1405.3196](#)].
20. S.-Q. Wang, X.-G. Wu, J.-M. Shen, H.-Y. Han and Y. Ma, *QCD improved electroweak parameter  $\rho$* , *Phys. Rev. D* **89** (2014) 116001 [[1402.0975](#)].
21. Z. Sun, X.-G. Wu, G. Chen, Y. Ma, H.-H. Ma and H.-Y. Bi, *Bottomonium production associated with a photon at a high luminosity  $e^+e^-$  collider with the one-loop QCD correction*, *Phys. Rev. D* **89** (2014) 074035 [[1401.2735](#)].
22. H.-B. Fu, X.-G. Wu, H.-Y. Han, Y. Ma and T. Zhong,  *$|V_{cb}|$  from the semileptonic decay  $B \rightarrow D \ell \bar{\nu}_\ell$  and the properties of the D meson distribution amplitude*, *Nucl. Phys. B* **884** (2014) 172 [[1309.5723](#)].

## OTHER PUBLICATIONS

---

1. J. Reuter, T. Han, W. Kilian, N. Kreher, Y. Ma, T. Striegl et al., *Precision test of the muon-Higgs coupling at a high-energy muon collider*, *PoS ICHEP2022* (2022) 1239 [[2212.01323](#)].
2. T. Han, A. K. Leibovich, Y. Ma and X.-Z. Tan, *Higgs decay to charmonia and the charm-quark Yukawa coupling*, *PoS ICHEP2022* (2022) 517 [[2211.10727](#)].
3. K. M. Black et al., *Muon Collider Forum Report*, [2209.01318](#).

4. T. Han, Y. Ma and K. Xie, *Electroweak fragmentation at high energies: A Snowmass White Paper*, in *2022 Snowmass Summer Study*, 3, 2022, [2203.11129](#).
5. J. M. Campbell et al., *Event Generators for High-Energy Physics Experiments*, in *2022 Snowmass Summer Study*, 3, 2022, [2203.11110](#).
6. I. Adachi et al., *The International Linear Collider: Report to Snowmass 2021*, in *2022 Snowmass Summer Study*, 3, 2022, [2203.07622](#).
7. J. De Blas et al., *The physics case of a 3 TeV muon collider stage*, in *2022 Snowmass Summer Study*, 3, 2022, [2203.07261](#).
8. C. Aimè et al., *Muon Collider Physics Summary*, in *2022 Snowmass Summer Study*, 3, 2022, [2203.07256](#).

## SEMINARS AND COLLOQUIUM

---

- |  |               |
|--|---------------|
| 1. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Nankai University  | December 2023 |
| 2. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Chongqing University   | December 2023 |
| 3. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Central South University                                       | December 2023 |
| 4. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Hunan University   | December 2023 |
| 5. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Shandong University  | December 2023 |
| 6. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, University of Science and Technology of China (USTC)           | December 2023 |
| 7. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Nanjing Normal University                                      | December 2023 |
| 8. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Southeast University   | December 2023 |
| 9. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Fudan University   | December 2023 |
| 10. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Nanjing University  | December 2023 |
| 11. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Tsung-Dao Lee Institute (TDLI), Shanghai Jiao Tong University | December 2023 |
| 12. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Tsinghua University   | November 2023 |
| 13. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Peking University   | November 2023 |
| 14. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Seminar, Institute of Theoretical Physics, Chinese Academy of Sciences | November 2023 |
| 15. <i>Physics opportunities and challenges at future multi-TeV lepton colliders</i><br>HEP Theory Seminar, IHEP, Chinese Academy of Sciences                      | November 2023 |

16. *Bread and butter physics at future multi-TeV lepton colliders* May 2023  
NHETC Theory Seminar, Rutgers University
17. *Measuring the Yukawa couplings: Towards the 2nd generation fermions* May 2023  
HEP Lunch Seminar, University of Chicago
18. *Electroweak Tevatron: High-Energy lepton colliders* May 2023  
Theoretical Physics Seminar, Fermilab
19. *Bread and butter physics at future multi-TeV lepton colliders* May 2023  
LEPP Theory Seminar, Cornell University
20. *Measuring the Yukawa couplings: Towards the 2nd generation fermions* May 2023  
HEP Theory Seminar, University at Buffalo
21. *Determine the Yukawa couplings of the second generation fermions at high-energy colliders* January 2023  
(Remote) HEP Theory Seminar, Argonne National Laboratory (ANL)
22. *Determine the Yukawa couplings of the second generation fermions at high-energy colliders* December 2022  
(Remote) TDLI/INPAC Joint Theory Seminar, Shanghai Jiao Tong University
23. *Determine the Yukawa couplings of the second generation fermions at high-energy colliders* December 2022  
(Remote) Particle Physics Seminar, Chongqing University
24. *Determine the Yukawa couplings of the second generation fermions at high-energy colliders* December 2022  
(Remote) Theoretical Physics Seminar, Shandong University
25. *Phenomenology at high-energy colliders* November 2022  
Bologna HEP Theory Journal Club, INFN Bologna & University of Bologna
26. *The partonic picture and the SM expectation of high-energy lepton colliders* September 2022  
HEP Seminar, University of Notre Dame
27. *The partonic picture and the SM expectation of high-energy lepton colliders* September 2022  
HEP Seminar, University of Wisconsin-Madison
28. *The partonic picture and the SM expectation of high-energy lepton colliders* September 2022  
HEP Special Seminar, University of Michigan
29. *The partonic picture and the SM expectation of high-energy lepton colliders* September 2022  
HEP Seminar, Northwestern University
30. *Higgs decay to charmonia and the charm-quark Yukawa coupling* September 2022  
HEP Seminar, Michigan State University
31. *Higgs decay to charmonia and the charm-quark Yukawa coupling* September 2022  
HEP Seminar, Washington University in St. Louis
32. *The partonic picture and the SM expectation of high-energy lepton colliders* August 2022  
HEP Seminar, University of Minnesota
33. *Higgs decay to  $J/\psi$  via  $c$ -quark fragmentation* May 2022  
(Remote) Nuclear Physics Seminar, UCLA
34. *Higgs decay to charmonia and the charm quark Yukawa* March 2022  
PITT PACC Group Seminar, University of Pittsburgh

- |   |                |
|---|----------------|
| 35. <i>Multi-boson production and the muon Yukawa coupling</i><br>(Remote) HEP Journal Club, University of Utah                             | October 2021   |
| 36. <i>Multi-boson production and the muon Yukawa coupling</i><br>PITT PACC Group Seminar, University of Pittsburgh                         | September 2021 |
| 37. <i>Parton contents of a lepton at high energies</i><br>(Remote) Particle Theory Seminar, Carleton University                            | May 2021       |
| 38. <i>The partonic picture at high-energy lepton colliders</i><br>(Remote) SLAC EPP Theory Seminar, SLAC                                   | April 2021     |
| 39. <i>The partonic picture at high-energy lepton colliders</i><br>(Remote) Particle Theory Seminar, Shandong University                    | April 2021     |
| 40. <i>Parton contents of a lepton at high energies</i><br>(Remote) HEP Seminar, Oklahoma State University                                  | April 2021     |
| 41. <i>QCD jet production at high energy lepton colliders</i><br>(Remote) PITT PACC Group Seminar, University of Pittsburgh                 | March 2021     |
| 42. <i>High energy lepton collisions and electroweak PDFs</i><br>(Remote) Particle Theory Seminar, Carleton University                      | October 2020   |
| 43. <i>High energy lepton collisions and electroweak PDFs</i><br>(Remote) PITT PACC Group Seminar, University of Pittsburgh                 | September 2020 |
| 44. <i>How much do we need polarized PDFs?</i><br>PITT PACC Group Seminar, University of Pittsburgh   | October 2019   |
| 45. <i>Renormalization scheme uncertainties in high order perturbative QCD results</i><br>PITT PACC Group Seminar, University of Pittsburgh | March 2019     |

## CONFERENCE AND WORKSHOP TALKS

---

- |  |                |
|--|----------------|
| 1. <i>Probing Higgs-Muon Interactions at Multi-TeV Collider</i><br>Parallel talk at IMCC and MuCol Annual Meeting 2024, CERN                     | March 2024     |
| 2. <i>Multiple boson production at high-energy muon colliders to probe the Higgs-muon coupling</i><br>Parallel talk at Higgs 2023, IHEP, Beijing | December 2023  |
| 3. <i>Higgs decay to quarkonia and the Yukawa couplings</i><br>Parallel talk at Higgs 2023, IHEP, Beijing  | November 2023  |
| 4. <i>Muon colliders and Weak PDFs</i><br>MADGRAPH5_aMC@NLO meeting 2023, Gargnano, Lake Garda, Italy  | September 2023 |
| 5. <i>Muon Yukawa couplings at the high-energy muon collider</i><br>Parallel talk at Pheno 2023, University of Pittsburgh                        | May 2023       |
| 6. <i>Electroweak LHC: High-energy lepton colliders</i><br>Invited talk at PIKIMO Spring 2023, Ohio State University                             | April 2023     |
| 7. <i>EW and QCD physics at the muon collider</i><br>Parallel talk at Milan Christmas Meeting 2022, Milan, Italy                                 | December 2022  |
| 8. <i>Higgs decay to charmonia and the charm-quark Yukawa coupling</i><br>Parallel talk at the Higgs 2022 Conference, Pisa, Italy                | November 2022  |

9. *EW and QCD physics at the muon collider* October 2022  
Parallel talk at Muon Collider Collaboration Meeting 2022, CERN
10. *Higgs decay to charmonia via  $c$ -quark fragmentation* September 2022  
Invited plenary talk at QWG 2022, GSI Darmstadt, Germany
11. *Higgs decay to charmonia and the charm-quark Yukawa coupling* September 2022  
(Remote) Invited talk at the SYSU-PKU Collider Physics forum For Young Scientists
12. *Higgs decay to  $J/\psi$  via  $c$ -quark fragmentation* July 2022  
(Remote) Parallel talk at ICHEP 2022, Bologna, Italy
13. *Higgs decay to  $J/\psi$  via  $c$ -quark fragmentation* May 2022  
Parallel talk at Pheno 2022, University of Pittsburgh
14. *Multi-boson production and the muon Yukawa coupling* April 2022  
Contributed talk at APS April Meeting 2022, New York
15. *Multi-boson production and the muon Yukawa coupling* December 2021  
PIKIMO 11, University of Pittsburgh
16. *Electroweak parton distributions and fragmentations for high-energy lepton colliders* October 2021  
(Remote) Snowmass EF04 Topical Group Community Meeting
17. *Higgs boson decay to  $J/\psi$  via  $c$ -quark fragmentation* October 2021  
(Remote) Parallel talk at Higgs 2021 Conference, Stony Brook University
18. *The partonic picture at high-energy lepton colliders* August 2021  
(Remote) Parallel talk at SUSY 2021, Shanghai
19. *QCD jet production at a high energy muon collider* July 2021  
(Remote) Parallel talk at EPS-HEP 2021, DESY
20. *Quark and gluon contents of a lepton at high energies* July 2021  
(Remote) Parallel talk at the DPF meeting, Florida State University
21. *Quark and gluon contents of a lepton at high energies* May 2021  
(Remote) Parallel talk at Pheno 2021, University of Pittsburgh
22. *The partonic picture at high-energy lepton colliders* May 2021  
(Remote) Parallel talk at PPC 2021, University of Oklahoma
23. *Electroweak parton distribution functions at a high-energy muon collider* April 2021  
(Remote) Contributed talk at APS April Meeting 2021
24. *QCD jet production at a high energy muon collider* March 2021  
(Remote) Talk at Muon Collider Physics and Simulation Meeting, CERN
25. *The electroweak parton distribution functions - Necessity and application* June 2020  
(Remote) Student talk at Theoretical Advanced Study Institute (TASI 2020)
26. *The electroweak parton distribution functions* May 2020  
(Remote) Parallel talk at Pheno 2020, University of Pittsburgh
27. *QCD Scale-setting problem in Future Chinese Collider physics* September 2015  
Parallel talk at CEPC-SppC Study Group Meeting, IHEP, Beijing



## CONFERENCES AND WORKSHOPS ATTENDED

---

1. IMCC and MuCol Annual Meeting 2024, CERN March 2024
2. Higgs 2023, IHEP, Beijing November 2023
3. MADGRAPH5\_aMC@NLO meeting 2023, Gargnano, Lake Garda, Italy September 2023
4. Muon Collider Collaboration Meeting 2023, IJCLab in Orsay, France May 2023
5. Phenomenology Symposium 2023 (Pheno 2023), University of Pittsburgh May 2023
6. PIKIMO Spring 2023, Ohio State University April 2023
7. Milan Christmas Meeting 2022, Milan, Italy December 2022
8. Higgs 2022, Pisa, Italy November 2022
9. Muon Collider Collaboration Meeting 2022, CERN October 2022
10. The 15th International Workshop on Heavy Quarkonium (QWG 2022)  
GSI Darmstadt, Germany September 2022
11. SYSU-PKU Collider Physics forum For Young Scientists (remote) September 2022
12. Snowmass Community Summer Study Workshop (Snowmass 2022), Seattle July 2022
13. XLI International Conference on High Energy Physics (ICHEP 2022), Bologna, Italy July 2022
14. LoopFest XX, University of Pittsburgh May 2022
15. Phenomenology Symposium 2022 (Pheno 2022), University of Pittsburgh May 2022
16. APS April Meeting 2022, New York April 2022
17. PIKIMO 11, University of Pittsburgh (hybrid) December 2021
18. Higgs 2021  
Stony Brook University & Brookhaven National Laboratory (remote) October 2021
19. The XXVIII International Conference on Supersymmetry and Unification of  
Fundamental Interactions (SUSY 2021), Shanghai (remote) August 2021
20. European Physical Society Conference on High Energy Physics 2021 (EPS-HEP 2021)  
DESY (remote) July 2021
21. 2021 Meeting of the Division of Particles and Fields of the APS (DPF21)  
Florida State University (remote) July 2021
22. Phenomenology Symposium 2021 (Pheno 2021), University of Pittsburgh May 2021 (remote)
23. XIV International Workshop on Interconnections between Particle Physics  
and Cosmology (PPC 2021), University of Oklahoma (remote) May 2021
24. APS April Meeting 2021 (remote) April 2021
25. Muon Collider Physics and Simulation Meeting (remote) March 2021
26. PITT PACC Workshop: Muon collider physics  
University of Pittsburgh (remote) November 2020
27. Phenomenology Symposium 2020 (Pheno 2020)  
University of Pittsburgh (remote) May 2020
28. Phenomenology Symposium 2020 (Pheno 2019), University of Pittsburgh May 2019

- |   |                |
|---|----------------|
| 29. PITT PACC Workshop: BSM circa 2020, University of Pittsburgh                          | March 2019     |
| 30. Phenomenology Symposium 2020 (Pheno 2018), University of Pittsburgh                   | May 2018       |
| 31. Phenomenology Symposium 2020 (Pheno 2017), University of Pittsburgh                   | May 2017       |
| 32. The CEPC-SppC Study Group Meeting<br>Institute of High Energy Physics (IHEP), Beijing | September 2015 |