

CURRICULUM VITAE

YANG-TING CHIEN

Physics and Astronomy Department, Georgia State University
Science Annex Room 404, 29 Peachtree Center Ave SE, Atlanta, GA 30303
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Professional Appointments

2021-present	Assistant Professor, Georgia State University.
2021-2025	Bridge Staff, Jefferson Lab
2019-2021	YITP-CFNS Fellow, Stony Brook University. Mentor: George Sterman
2016-2019	LHC-TI Fellow, Massachusetts Institute of Technology. Mentor: Iain W. Stewart
2013-2016	Research Associate, Los Alamos National Laboratory. Mentor: Ivan Vitev

Education

2007-2013	Ph.D., Physics, Harvard University. Advisor: Matthew D. Schwartz
2006-2007*	First Lieutenant, Military Service in Taiwan
2004-2006	M.A., Physics, National Taiwan University. Advisor: George Wei-Shu Hou
2000-2004	B.A., Physics and Mathematics, National Taiwan University

Honors and Awards

2025-2027	U.S. Department of Energy Funding for Accelerated, Inclusive Research [\$200000/3 years]
2022-2027	U.S. Department of Energy Early Career Award [\$750000/5 years]
2018	Young Scientist Award for Best Theory Presentation, XXVII Quark Matter
2017	Young Researcher Fellowship, XXVI Quark Matter
2016-2018	LHC Theory Initiative Fellowship [\$150000/2 years]
2015	Young Researcher Fellowship, XXV Quark Matter
2009-2011	Graduate Research Fellowship, Ministry of Education in Taiwan
Fall 2008	GSAS Kao Fellowship, Harvard University
2007-2008	Purcell Fellowship, Harvard University

Professional Service

- Departmental service, Georgia State University

- Physics and Astronomy colloquium committee chair, 2022 fall - 2025 spring
 - Graduate student admission review, 2020 - present
- Journal Referee
 - Physical Review Letters (PRL), Physical Review C (PRC), Physical Review D (PRD), Journal of High Energy Physics (JHEP), Journal of Physics G (JPhysG)
- Grant Review
 - Department of Energy Nuclear Theory panel review
- Conference, Workshop and Seminar Organization
 - “8th International Conference on the Initial Stages in High-Energy Nuclear Collisions (IS 2025)”, Taipei, 2025
 - “13th Annual Large Hadron Collider Physics Conference (LHCP 2025)”, Taipei, May, 2025
 - “Heavy Ion Physics in the Era of the EIC”, INT, July 29 - August 23, 2024
 - 2nd workshop on “Advancing the understanding of non-perturbative physics using energy flows”, Stony Brook, November 6-9, 2023
 - “Advancing the understanding of non-perturbative physics using energy flows”, Stony Brook, September 19-22, 2022
 - “10th Annual Large Hadron Collider Physics Conference (LHCP 2022)”, Online, Taipei, May 16-20, 2022
 - “Flowing into the future: particle jets in quantum field theory and phenomenology”, Stony Brook, March 21-25, 2022
 - “Jet substructure for Heavy Ion collisions”, INT, August 9-13, 2021
 - “Jet Tools, the 2nd heavy-ion jet substructure workshop”, Bergen, May 13-17, 2019
 - “The definition of jets in a large background”, BNL, June 25-27, 2018
 - “Santa Fe jets and heavy flavor workshop”, Santa Fe, January 11-13, 2016
 - “Annual workshop on soft-collinear effective theory”, Santa Fe, March 25-27, 2015
 - “In-house phenomenology seminar”, Harvard University, 2012-2013

Major Accomplishments

- Heavy Ion Physics
 - First quantitative understanding of jet shape modification [Chien:2015].
 - First calculation of groomed momentum sharing distribution [Chien:2016].
 - First application of deep learning and telescoping deconstruction on jets [Chien:2018].
 - Most precise calculation of jet angularity at RHIC [Chien:2024].
- Effective Field Theory
 - First resummation of heavy jet mass at next-to-next-to leading order and next-to-next-to-next-to-leading logarithmic accuracy [Chien:2010].

- Most precise calculation of jet mass distribution at the LHC [Chien:2012].
 - Identified soft-collinear mode in the factorization of jet cross sections [Chien:2015].
 - Most precise calculation of boson-jet correlation at the LHC [Chien:2019].
- Jet Substructure
 - Introduced telescoping jets to probe energy flows in jets [Chien:2013].
 - Showed the isolation of hadronically decaying, boosted bosons [Chien:2017].
 - Introduced subtracted cumulant to mitigate large background [Chien:2019].
 - Introduced collinear drop for systematic soft QCD studies [Chien:2019].
 - Constructed two-particle correlation neural network for data analysis [Chen:2019].
 - Discovered the direct connection between hadronization and leading two hadron flavor correlation [Chien 2021].
 - First target jet substructure study for Electron Ion Collider [in preparation].
 - Quantum Field Theory
 - Simplified the structure of multi-Wilson line operators through a mapping to anti-de Sitter space [Chien:2011].
 - Formulated the factorization of Standard Model cross sections at ultra-high energy [Chien:2018].
 - Investigated novel constraints on Standard Model parameters and beyond using dispersion relations [in preparation].
 - Beyond the Standard Model Physics
 - Constructed bounds on anomalous Higgs interactions from low-energy and high-energy experiments [Chien:2015].

Selected Publications

- Y. T. Chien and S. Mantry,
“Jet Charge with Global Event Shapes: Probing Quark Flavor Dynamics,”
arXiv:2512.05199
- Y. T. Chien, O. Fedkevych, D. Reichelt and S. Schumann,
“Jet angularities in dijet production in proton-proton and heavy-ion collisions at RHIC,”
JHEP **07**, 230 (2024) [arXiv:2404.04168].
- Y. T. Chien, A. Deshpande, M. M. Mondal and G. Sterman,
“Probing hadronization with flavor correlations of leading particles in jets,”
Phys. Rev. D **105**, no.5, L051502 (2022) [arXiv:2109.15318].
- K. -F. Chen and Y. -T. Chien,
“Deep learning jet substructure from two-particle correlation,”
Phys. Rev. D **101**, no.11, 114025 (2020) [arXiv:1911.02020].

- Y. -T. Chien and I. Stewart,
“Collinear drop,”
JHEP **06**, 064 (2020) [arXiv:1907.11107].
- Y. -T. Chien and R. Elayavalli
“Probing heavy ion collisions using quark and gluon jet substructure,”
arXiv:1803.03589.
- Y. -T. Chien and I. Vitev,
“Probing the hardest branching within jets in heavy ion collisions,”
Phys. Rev. Lett. **119**, 112301 (2017) [arXiv:1608.07283].
- Y. -T. Chien, V. Cirigliano, W. Dekens, J. de Vries and E. Mereghetti,
“Direct and indirect constraints on CP-violating Higgs-quark and Higgs-gluon interactions,”
JHEP **1602**, 011 (2016) [arXiv:1510.00725].
- Y. -T. Chien and I. Vitev,
“Towards the understanding of jet shapes and cross sections in heavy ion collisions using soft collinear effective theory,”
JHEP **1605**, 023 (2016) [arXiv:1509.07257].
- Y. -T. Chien,
“Telescoping jets: multiple event interpretations with multiple R’s,”
Phys. Rev. D **90**, 054008 (2014) [arXiv:1304.5240].
- Y. -T. Chien, R. Kelley, M. D. Schwartz and H. X. Zhu,
“Resummation of jet mass at hadron colliders,”
Phys. Rev. D **87**, 014010 (2013) [arXiv:1208.0010].
- Y. -T. Chien, M. D. Schwartz, D. Simmons-Duffin and I. W. Stewart,
“Jet physics from static charges in AdS,”
Phys. Rev. D **85**, 045010 (2012) [arXiv:1109.6010].
- Y. -T. Chien and M. D. Schwartz,
“Resummation of heavy jet mass and comparison to LEP data,”
JHEP **1008**, 058 (2010) [arXiv:1005.1644].

Selected Talks

- “*Workshop summary*”
Institute for Nuclear Theory embedded workshop: Heavy Ion Physics in the EIC Era, August 14th, 2024, Seattle, Washington, USA.
- “*Jet Substructure*”
10th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions (Hard Probes 2020), June 3rd, 2020, Online, Plenary talk.
- “*Latest Development in Jet Substructure Techniques*”
2019 Meeting of the Division of Particles & Fields of the American Physical Society, July 30th, 2019, Northeastern University, Boston, Massachusetts, USA. Invited talk.
- “*Collinear Drop*”
11th International Workshop on Boosted Object Phenomenology, Reconstruction and Searches (BOOST 2019), July 25th, 2019, MIT, Boston, Massachusetts, USA.

- “*Confronting Jet Quenching with Jet Grooming: Jet Mass Distributions in Heavy Ion Collisions*” 9th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions (Hard Probes 2018), October 3rd, 2018, Aix-les-Bains, France.
- “*Possible Jet Measurements at EIC*” Electron-Ion Collider User Group Meeting, July 31, 2018, the Catholic University of America, Washington, D.C., USA. Invited talk.
- “*Probing Heavy Ion Collisions Using Quark and Gluon Jet Substructure with Machine Learning*” 27th International Conference on Ultrarelativistic Nucleus-nucleus Collisions (Quark Matter 2018), May 15th, Venice, Italy. Best theory parallel talk.
- “*Jet Substructure: Theory*” JETSCAPE Winter School and Workshop, January 5, 2018, Lawrence Berkeley National Laboratory, Berkeley, California, USA. Invited talk.

Teaching and Outreach Experience

- Assistant Professor, Georgia State University
 - ”PHYS 2212K, Principle of Physics II”, Spring 2022
 - ”PHYS 4410 Nuclear and Particle Physics”, Spring 2023
 - ”PHYS 2211K, Principle of Physics I”, Spring 2024
 - ”PHYS 4410 Nuclear and Particle Physics”, Spring 2025
- Teaching Fellow, Harvard University
 - ”Physics 12a, Basic Mechanics”, Fall 2012
 - ”Physics 15a, Introductory Mechanics and Relativity”, Fall 2011
 - ”Physics 11a, Mechanics”, Fall 2010
 - ”Physics 15c, Wave Phenomena”, Fall 2009
 - ”Physics 251b, Advanced Quantum Mechanics II ”, Spring 2009
 - ”Physics 251a, Advanced Quantum Mechanics I”, Fall 2008
- Teaching Assistant, National Taiwan University
 - ”Advanced Classical Electrodynamics”, 2004-2006
 - ”Quantum Physics”, 2005-2006
 - ”Complex Analysis”, Spring 2005
 - ”Special Functions and Group Theory ”, Fall 2004
- Student Mentor, Wu Chien-Shiung Education Foundation
 - ”Wu Chien-Shiung Science Camp”, summer 2000-2007

Advising

- Oleh Fedkevych, currently postdoc fellow at Georgia State University

- Chris Meherg, currently Ph.D. student at Georgia State University
- Meng-Hsiu Kuo, former master student and research assistant at National Taiwan University, Taipei. Currently Ph.D. student at University of Tsukuba, Japan
- Nathan Gostin, former undergraduate student at Georgia State University. Currently Associate Engineer at IonQ
- Ravi Shankar Al-Sahalman, former undergraduate student at Georgia State University. Currently M.A. student at University of Georgia.
- Zach Montague, visiting student at MIT from August 28th to September 15th, 2017. Currently Ph.D. student at University of Washington, Seattle
- Alex Emerman, visiting student at LANL from March 25th to May 15th, 2015. Currently Ph.D. student at Columbia University

Full List of Publications

1. Y. T. Chien and S. Mantry,
“Jet Charge with Global Event Shapes: Probing Quark Flavor Dynamics,”
arXiv:2512.05199
2. L. Apolinário, Y. T. Chien and L. Cunqueiro Mendez,
“Jet substructure,”
Int. J. Mod. Phys. E **33**, no.07, 2430003 (2024)
3. Y. T. Chien, O. Fedkevych, D. Reichelt and S. Schumann,
“Jet angularities in dijet production in proton-proton and heavy-ion collisions at RHIC,”
JHEP **07**, 230 (2024) [arXiv:2404.04168].
4. R. Abir, I. Akushevich, T. Altinoluk, D. P. Anderle, F. P. Aslan, A. Bacchetta, *et al.*
“The case for an EIC Theory Alliance: Theoretical Challenges of the EIC,”
White Paper on EIC Theory Alliance, arXiv:2305.14572
5. M. Arslanbek, S. A. Bass, A. A. Baty, I. Bautista, C. Beattie, F. Becattini, R. Bellwied, *et al.*
“Hot QCD White Paper,”
arXiv:2303.17254
6. C. Accettura, D. Adams, R. Agarwal, C. Ahdida, C. Aimè, N. Amapane, D. Amorim, *et al.*
“Towards a muon collider,”
Eur. Phys. J. C **83**, no.9, 864 (2023) [arXiv:2303.08533 [physics.acc-ph]].
7. P. Achenbach, D. Adhikari, A. Afanasev, F. Afzal, C. A. Aidala, A. Al-bataineh, *et al.*
“The Present and Future of QCD,”
QCD Town Meeting White Paper, arXiv:2303.02579 [hep-ph]
8. Y. Chen, A. Baty, D. Perepelitsa, C. McGinn, J. Thaler, M. Maggi, P. Chang, T. A. Sheng,
Y. T. Chien and Y. J. Lee,
“First measurement of anti-kT jet spectra and jet substructure using the archived ALEPH e+e-
data at 91.2 GeV,”
PoS ICHEP2022, 819 (2023) [arXiv:2211.13519].

9. Y. -T. Chien, R. Rahn, D. Y. Shao, W. J. Waalewijn and B. Wu,
“Precision boson-jet azimuthal decorrelation at hadron colliders,”
JHEP **02**, 256 (2023) [arXiv:2205.05104].
10. A. Accardi, Y. T. Chien, D. d’Enterria, A. Deshpande, C. Dilks, P. A. Gutierrez Garcia, *et al.*
“Opportunities for precision QCD physics in hadronization at Belle II – a snowmass whitepaper,”
arXiv:2204.02280
11. J. de Blas *et al.* [Muon Collider],
“The physics case of a 3 TeV muon collider stage,”
Contribution to Snowmass 2021, arXiv:2203.07261
12. C. Aime, A. Apyan, M. A. Mahmoud Mohammed, N. Bartosik, F. Batsch, A. Bertolin, *et al.*
“Muon Collider Physics Summary,”
Contribution to Snowmass 2021, arXiv:2203.07256.
13. Y. Chen, A. Badea, A. Baty, P. Chang, Y. T. Chien, G. M. Innocenti, M. Maggi, C. McGinn, D. V. Perepelitsa and M. Peters, *et al.*
“Jet energy spectrum and substructure in e^+e^- collisions at 91.2 GeV with ALEPH Archived Data,”
JHEP **06**, 008 (2022) [arXiv:2111.09914].
14. Y. T. Chien, A. Deshpande, M. M. Mondal and G. Sterman,
“Probing hadronization with flavor correlations of leading particles in jets,”
Phys. Rev. D **105**, no.5, L051502 (2022) [arXiv:2109.15318].
15. Y. Chen, Y. J. Lee, M. Maggi, P. Chang, Y. T. Chien, C. McGinn and D. Perepelitsa,
“Analysis note: jet reconstruction, energy spectra, and substructure analyses with archived ALEPH data,”
arXiv:2108.04877
16. R. Abdul Khalek, A. Accardi, J. Adam, D. Adamiak, W. Akers, M. Albaladejo, *et al.*
“Science Requirements and Detector Concepts for the Electron-Ion Collider: EIC Yellow Report,”
Nucl. Phys. A **1026**, 122447 (2022) [arXiv:2103.05419 [physics.ins-det]].
17. Y. -T. Chien, R. Rahn, S. S. van Velzen, D. Y. Shao, W. J. Waalewijn and B. Wu,
“Azimuthal angle for boson-jet production in the back-to-back limit,”
Phys.Lett.B 815 (2021) 136124 [arXiv:2005.12279].
18. K. -F. Chen and Y. -T. Chien,
“Deep learning jet substructure from two-particle correlation,”
Phys. Rev. D **101**, no.11, 114025 (2020) [arXiv:1911.02020].
19. Y. -T. Chien and I. Stewart,
“Collinear drop,”
JHEP **06**, 064 (2020) [arXiv:1907.11107].
20. Y. -T. Chien, D. Shou and B. Wu
“Resummation of boson-jet correlation at hadron colliders,”
JHEP **1911**, 025 (2019) [arXiv:1905.01335].

21. Y. -T. Chien,
“Confronting jet quenching with jet grooming: jet mass distributions in heavy ion collisions,”
PoS HardProbes2018 (2019) 098 [arXiv:1901.08587].
22. Y. -T. Chien,
“Heavy ion jet physics studies using precision jet substructure and quark-gluon jet classification,”
PoS HardProbes2018 (2019) 097 [arXiv:1901.08587].
23. Y. -T. Chien, D. Kang, K. Lee and Y. Makris,
“Subtracted cumulants: mitigating large background in jet substructure,”
Phys. Rev. D **100**, no. 7, 074030 (2019) [arXiv:1812.06977].
24. Y. -T. Chien,
“Probing heavy ion collisions using quark and gluon jet substructure with machine learning,”
Quark Matter 2018 proceeding, Nucl.Phys. A982 (2019) 619-622
25. Harry Arthur Andrews et al
“Novel tools and observables for jet physics in heavy-ion collisions,”
J. Phys. G **47**, no.6, 065102 (2020) [arXiv:1808.03689].
26. Y. -T. Chien and R. Elayavalli
“Probing heavy ion collisions using quark and gluon jet substructure,”
arXiv:1803.03589 Submitted to JHEP.
27. J. Gallicchio and Y. -T. Chien
“Quit using pseudorapidity, transverse energy, and massless constituents,”
arXiv:1802.05356
28. Y. -T. Chien and H. -n. Li
“Factorization of Standard Model cross sections at ultra high energy,”
Phys. Rev. D **97**, no. 5, 053006 (2018) [arXiv:1801.00395].
29. Y. -T. Chien, A. Emerman, S. -C. Hsu, S. Meehan and Z. Montague
“Isolating color-singlet boson jets at the LHC using telescoping jet substructure,”
Phys. Rev. D **101**, no.11, 114006 (2020) [arXiv:1711.11041].
30. Y. -T. Chien and I. Vitev,
“Probing the hardest branching within jets in heavy ion collisions,”
Phys. Rev. Lett. **119**, 112301 (2017) [arXiv:1608.07283].
31. Y. -T. Chien,
“Towards the understanding of jet substructures and cross sections in heavy ion collisions using soft collinear effective theory,”
PoS ICHEP2016 (2016) 379 [arXiv:1611.06948].
32. Y. -T. Chien,
“Theory of hard probes in PbPb collisions,”
PoS LHCP2016 (2016) 125 [arXiv:1609.05441].
33. Y. -T. Chien, Z. -B. Kang, F. Ringer, I. Vitev and H. Xing,
“Jet fragmentation functions in proton-proton collisions using soft-collinear effective theory,”
JHEP **1605**, 125 (2016) [arXiv:1512.06851].

34. Y. -T. Chien, V. Cirigliano, W. Dekens, J. de Vries and E. Mereghetti,
 “Direct and indirect constraints on CP-violating Higgs-quark and Higgs-gluon interactions,”
JHEP **1602**, 011 (2016) [arXiv:1510.00725].
35. Y. -T. Chien and I. Vitev,
 “Towards the understanding of jet shapes and cross sections in heavy ion collisions using soft collinear effective theory,”
JHEP **1605**, 023 (2016) [arXiv:1509.07257].
36. Y. -T. Chien, A. Hornig and C. Lee,
 “Soft-collinear mode for jet cross sections in soft collinear effective theory,”
Phys. Rev. D **93**, no. 1, 014033 (2016) [arXiv:1509.04287].
37. Y. -T. Chien, A. Emerman, Z. -B. Kang, G. Ovanesyan and I. Vitev,
 “Jet quenching from QCD evolution,”
Phys. Rev. D **93**, no. 7, 074030 (2016) [arXiv:1509.02936].
38. Adams, D. Arce, A. Asquith, L. Backovic, M. Barillari, T. and others,
 “Towards an Understanding of the Correlations in Jet Substructure,”
Eur. Phys. J. C **75**, no. 9, 409 (2015) [arXiv:1504.00679].
39. Y. -T. Chien,
 “Resummation of Jet Shapes and Extracting Properties of the Quark-Gluon Plasma,”
Int.J.Mod.Phys.Conf.Ser. **37**, 0047 (2015) [arXiv:1411.0741].
40. Y. -T. Chien, D. Farhi, D. Krohn, A. Marantan, D. L. Mateos and M. D. Schwartz,
 “Quantifying the power of multiple event interpretations,”
JHEP **1412**, 140 (2014) [arXiv:1407.2892].
41. Y. -T. Chien and I. Vitev,
 “Jet shape resummation using soft-collinear effective theory,”
JHEP **1412**, 061 (2014) [arXiv:1405.4293].
42. Y. -T. Chien,
 “Jet physics at high energy colliders,”
 PhD Thesis, Harvard University (2013).
43. Y. -T. Chien,
 “Telescoping jets: multiple event interpretations with multiple R’s,”
Phys. Rev. D **90**, 054008 (2014) [arXiv:1304.5240].
44. Y. -T. Chien, R. Kelley, M. D. Schwartz and H. X. Zhu,
 “Resummation of jet mass at hadron colliders,”
Phys. Rev. D **87**, 014010 (2013) [arXiv:1208.0010].
45. Y. -T. Chien, M. D. Schwartz, D. Simmons-Duffin and I. W. Stewart,
 “Jet physics from static charges in AdS,”
Phys. Rev. D **85**, 045010 (2012) [arXiv:1109.6010].
46. Y. -T. Chien and M. D. Schwartz,
 “Resummation of heavy jet mass and comparison to LEP data,”
JHEP **1008**, 058 (2010) [arXiv:1005.1644].

47. Y. -T. Chien,
 “Final state rescattering in $B \rightarrow PV$ decays,”
 Master Thesis, National Taiwan University (2006).

Full List of Talks

1. “*Probing the Trillion Degree Little Bang in Heavy Ion Collisions*”
 Physics colloquium, October 23rd, 2025, Vanderbilt University, Nashville, Tennessee, USA.
2. “*BOOST Camp (Theory)*”
 17th International Workshop on Boosted Object Phenomenology, Reconstruction and Searches (BOOST 2025), July 28th, 2025, Brown University, Providence, Rhode Island, USA.
3. “*Jet charge and one-jettiness at the EIC*”
 Workshop on PDFs in the EIC era, June 16th, 2025, Academia Sinica, Taipei, Taiwan.
4. “*Resummation of Flattened Jet Angularity Using Soft-Collinear Effective Theory*”
 High Energy Theory Seminar, June 13th, 2025, Academia Sinica, Taipei, Taiwan.
5. “*Resummation of Flattened Jet Angularity Using Soft-Collinear Effective Theory*”
 High Energy Theory Seminar, June 13th, 2025, Academia Sinica, Taipei, Taiwan.
6. “*Resummation of Flattened Jet Angularity Using Soft-Collinear Effective Theory*”
 QCD Evolution workshop, May 19th, 2025, Jefferson Laboratory, Newport News, Virginia, USA.
7. “*Probing hadronization and quark-gluon plasma using collinear-drop jet observables at RHIC*”
 12th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions (Hard Probes 2024), September 23rd, 2024, Nagasaki, Japan.
8. “*Student lecture: jets and high pt*”
 12th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions (Hard Probes 2024), September 22nd, 2024, Nagasaki, Japan.
9. “*Workshop summary*”
 Institute for Nuclear Theory embedded workshop: Heavy Ion Physics in the EIC Era, August 14th, 2024, Seattle, Washington, USA.
10. “*Target Jet Substructure and Correlation*”
 Institute for Nuclear Theory program: Heavy Ion Physics in the EIC Era, August 14th, 2024, Seattle, Washington, USA.
11. “*Probing hadronization and quark-gluon plasma using jet observables at RHIC*”
 High Energy Theory Seminar, July 3rd, 2024, Academia Sinica, Taipei, Taiwan.
12. “*Target Jet Substructure and Correlation*”
 2nd workshop on advancing the understanding of non-perturbative QCD using energy flow, November 6th, 2023, Stony Brook, New York, USA.
13. “*Probing Hadronization with Flavor Correlation of Leading Particles in Jets*”
 Particle and nuclear physics seminar, November 3rd, 2023, Wayne State University, Detroit, USA.
14. “*Probing the Trillion Degree Little Bang in Heavy Ion Collisions*”
 Physics colloquium, October 13th, 2023, Kennesaw State University, Kennesaw, Georgia, USA.

15. “Target Jet Substructure and Correlation”
30th International Conference on Ultrarelativistic Nucleus-nucleus Collisions (Quark Matter 2023), September 5th, Houston, USA.
16. “Probing hadronization and target fragments through substructure”
“The Future is Non-perturbative” workshop, June 8th, 2023, National Center for Theoretical Physics, Hsinchu, Taiwan.
17. “Precision Boson-jet Azimuthal Decorrelation at Hadron Colliders”
High Energy Theory Seminar, May 19th, 2023, Academia Sinica, Taipei, Taiwan.
18. “Target Fragmentation: ep and eA Theory – Target Jet Substructure and Correlation”
1st International Workshop on a 2nd Detector for the EIC, May 18th, 2023, Temple University, Philadelphia, Pennsylvania, USA (remote).
19. “Target Jet Substructure and Correlation”
Theory Seminar, May 3rd, 2023, Jefferson Laboratory, Newport News, Virginia, USA.
20. “Target Jet Substructure and Correlation”
Deep Inelastic Scattering (DIS) 2023, March 28th, 2023, East Lansing, Michigan, USA.
21. “Probing Hadronization with Flavor Correlation of Leading Particles in Jets”
Nuclear physics seminar, March 13th, 2023, University of California, Los Angeles, USA.
22. “Precision Boson-jet Azimuthal Decorrelation at Hadron Colliders”
QCD journal club, December 14th, 2022, National Yang Ming Chiao Tung University, Hsinchu, Taiwan.
23. “Probing the Trillion Degree Little Bang in Heavy Ion Collisions”
Physics colloquium, December 13th, 2022, National Taiwan University, Taipei, Taiwan.
24. “Deep Learning Jet Substructure from Two Particle Correlation”
High energy physics journal club, December 5th, 2022, National Taiwan University, Taipei, Taiwan.
25. “Heavy-ion to EIC physics”
9th Workshop for Early-Career Heavy-Ion Physicists (Hot Quarks 2022), October 16th, 2022, Dao House, Estes Park, Colorado, USA. Invited lecture.
26. “Probing Hadronization with Flavor Correlation of Leading Particles in Jets”
Physics seminar, October 7th, 2022, Brookhaven National Laboratory, Upton, New York, USA. Invited talk. Remote.
27. “Probing the Trillion Degree Little Bang in Heavy Ion Collisions”
Physics colloquium, September 12th, 2022, Georgia Institute of Technology, Atlanta, Georgia, USA.
28. “Probing Hadronization with Flavor Correlation of Leading Particles in Jets”
High Energy Theory Seminar, September 7th, 2022, Academia Sinica, Taipei, Taiwan.
29. “Recoil-free Jet Observables at sPHENIX”
Predictions for sPHENIX workshop, July 21st, 2022, Brookhaven National Laboratory, Upton, New York, USA. Invited talk.

30. “*Probing Hadronization with Flavor Correlation of Leading Particles in Jets*”
41st International Conference on High Energy Physics (ICHEP 2022), Bologna, Italy, July 7th, 2022, Online.
31. “*Precision Boson-jet Azimuthal Decorrelation at Hadron Colliders*”
Jet Physics: from RHIC/LHC to EIC, June 30th, 2022, Stony Brook University, Stony Brook, New York, USA.
32. “*Probing Hadronization with Flavor Correlation of Leading Particles in Jets*”
Deep Inelastic Scattering (DIS) 2022, Santiago de Compostela, Spain, May 3rd, 2022, Online.
33. “*Target fragment substructure and its Soft Collinear Effective Theory*”
CFNS Ad-hoc workshop: Target fragmentation and diffraction with novel processes, February 10th, 2022, Online.
34. “*Probing Hadronization with Flavor Correlation of Leading Particles in Jets*”
Heavy Ion Tea (HIT) seminar, Lawrence Berkeley National Laboratory, October 19th, 2021, Online.
35. “*Deep Learning Jet Substructure from Two Particle Correlation*”
RHIP seminar, University of Tennessee Knoxville, June 15, 2021, Online.
36. “*Jet Physics in High Energy Collisions*”
Graduate Research Seminar, Georgia State University, February 11th, 2021, Online.
37. “*Precision Jet/Event Substructure using Collinear Drop*”
40th International Conference on High Energy Physics (ICHEP 2020), July 28th, 2020, Online.
38. “*Jet Substructure*”
10th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions (Hard Probes 2020), June 3rd, 2020, Online, Plenary talk.
39. “*Resummation of Boson-Jet Correlation at Hadron Colliders*”
CFNS Lunch Seminar, March 13, 2020, Stony Brook University, Stony Brook, New York, USA.
40. “*Femto to Attometer Probes of Quark Matter*”
Department of Physics and Astronomy Colloquium, March 10, 2020, Georgia State University, Atlanta, Georgia, USA.
41. “*Flattened Jet Angularity*”
5th Santa Fe Jets and Heavy Flavor Workshop, February 3rd, 2020, Inn and Spa at Loretto, Santa Fe, New Mexico, USA.
42. “*Deep Learning Jet Substructure from Two Particle Correlation*”
Theory seminar, January 22, 2020, Jefferson Laboratory, Newport News, Virginia, USA.
43. “*Deep Learning Jet Substructure from Two Particle Correlation*”
ML4Jets workshop, January 13, 2020, New York University, New York, USA.
44. “*Deep Learning Jet Substructure from Two Particle Correlation*”
Particle Physics in Computing Frontiers, December 11, 2019, Institute for Basic Science, Daejeo, Korea. Invited talk.
45. “*Precision Jet (Event) Substructure*”
CFNS Annual Review, December 5, 2019, Stony Brook University, Stony Brook, New York, USA.

46. “*Collinear Drop*”
XLIX International Symposium on Multiparticle Dynamics, September 9th, 2019, Hotel Santa Fe, Santa Fe, New Mexico, USA. Invited talk.
47. “*Latest Development in Jet Substructure Techniques*”
2019 Meeting of the Division of Particles & Fields of the American Physical Society, July 30th, 2019, Northeastern University, Boston, Massachusetts, USA. Invited talk.
48. “*Collinear Drop*”
11th International Workshop on Boosted Object Phenomenology, Reconstruction and Searches (BOOST 2019), July 25th, 2019, MIT, Boston, Massachusetts, USA.
49. “*Collinear Drop Quark/Gluon Jet Substructure*”
13th Particle Physics Phenomenology workshop (PPP13), June 4th, 2019, National Taiwan Normal University, Taipei, Taiwan.
50. “*Probing Heavy Ion Collisions Using Precision Jet Substructure*”
High Energy Physics Seminar, May 30th, 2019, National Taiwan Normal University, Taipei, Taiwan. Invited talk.
51. “*Collinear Drop*”
16th Annual Workshop on Soft-Collinear Effective Theory (SCET2019), March 26th, 2019, UC San Diego, California, USA. Invited talk.
52. “*Searching for New QCD Signatures in Soft Jet Substructure*”
Joint BNL and CFNS seminar, February 7th, 2019, Brookhaven National Laboratory, Upton, New York, USA. Invited talk.
53. “*Collinear Drop*”
4th Santa Fe Jets and Heavy Flavor Workshop, January 30th, 2019, UC Los Angeles, California, USA.
54. “*Collinear Drop*”
QCD/LHC/DM/BSM journal club, December 18, 2018, MIT, Cambridge, Massachusetts, USA.
55. “*Probing Heavy Ion Collisions Using Quark and Gluon Jet Substructure*”
9th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions (Hard Probes 2018), October 3rd, 2018, Aix-les-Bains, France.
56. “*Confronting Jet Quenching with Jet Grooming: Jet Mass Distributions in Heavy Ion Collisions*”
9th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions (Hard Probes 2018), October 3rd, 2018, Aix-les-Bains, France.
57. “*Collinear Drop*”
CFNS seminar, August 2nd, 2018, Brookhaven National Laboratory, Upton, New York, USA. Invited talk.
58. “*Possible Jet Measurements at EIC*”
Electron-Ion Collider User Group Meeting, July 31, 2018, the Catholic University of America, Washington, D.C., USA. Invited talk.
59. “*Telescoping Deconstruction and Collinear Drop*”
Probing Quark-Gluon Matter with Jets workshop, July 25th, 2018, Brookhaven National Laboratory, Upton, New York, USA. Invited talk.

60. “Telescoping Deconstruction and Collinear Drop”
10th International Workshop on Boosted Object Phenomenology, Reconstruction and Searches (BOOST 2018), July 19th, 2018, Paris, France.
61. “Probing Heavy Ion Collisions Using Quark and Gluon Jet Substructure”
2018 RHIC & AGS Annual Users’ Meeting, June 12th, 2018, Brookhaven National Laboratory, Upton, New York, USA. Invited talk.
62. “Probing Heavy Ion Collisions Using Quark and Gluon Jet Substructure with Machine Learning”
27th International Conference on Ultrarelativistic Nucleus-nucleus Collisions (Quark Matter 2018), May 15th, Venice, Italy. Best theory parallel talk.
63. “Probing Heavy Ion Collisions Using Quark and Gluon Jet Substructure”
Heavy Ion Journal Club, Theory Division, CERN, May 7th, Geneva, Switzerland. Invited talk.
64. “Probing Heavy Ion Collisions Using Jet Substructure”
High Energy Physics In-house Phenomenology Seminar, April 25th, 2018, Harvard University, Cambridge, Massachusetts, USA. Invited talk.
65. “Probing Heavy Ion Collisions Using Quark and Gluon Jet Substructure”
LNS Lunchtime Seminar, MIT, April 3rd, Cambridge, Massachusetts, USA. Invited talk.
66. “Telescoping Deconstruction”
15th Annual Workshop on Soft-Collinear Effective Theory (SCET2018), March 21st, 2018, Amsterdam, Netherland.
67. “Telescoping Jet Substructure”
QHP Seminar, March 6th, 2018, Theoretical Research Division of Nishina Center, RIKEN, Wako, Japan.
68. “Jet Spectroscopy Method Using Telescoping Subjets”
3rd Santa Fe Jets and Heavy Flavor Workshop, January 29th, 2018, Inn and Spa at Loretto, Santa Fe, New Mexico, USA. Invited talk.
69. “Perspectives on the Future of Substructure”
MIT Jet Workshop, MIT, January 11th, Cambridge, Massachusetts, USA. Invited talk.
70. “Jet Substructure: Theory”
JETSCAPE Winter School and Workshop, January 5, 2018, Lawrence Berkeley National Laboratory, Berkeley, California, USA. Invited talk.
71. “Learning More About QCD”
Machine Learning for Jet Physics workshop, December 12, 2017, Lawrence Berkeley National Laboratory, Berkeley, California, USA. Invited talk.
72. “Probing Heavy Ion Collisions Using Quark and Gluon Jet Substructure with Machine Learning”
QHP Seminar, November 24th, 2017, Theoretical Research Division of Nishina Center, RIKEN, Wako, Japan.
73. “Precision Jet Substructure using Soft Collinear Effective Theory”
Workshop of Recent Developments in QCD and Quantum Field Theories, November 9th, 2017, National Taiwan University, Taipei, Taiwan.
74. “Telescoping Jet Substructure and Deconstruction”
High Energy Physics Journal Club, November 6th, 2017, National Taiwan University, Taipei, Taiwan.

75. “*Probing the Hardest Branching within Jets in Heavy Ion Collisions*”
 High Energy Theory Seminar, November 1st, 2017, Academia Sinica, Taipei, Taiwan. Invited talk.
76. “*Groomed Jet Substructures in Heavy Ion Collisions*”
 5th Heavy-Ion Jet Workshop, August 22th, 2017, CERN, Geneva, Switzerland. Invited talk.
77. “*Scrutinizing Jets with Grooming and Telescoping Deconstruction*”
 T-2 Nuclear and Particle Theory Seminar, August 9th, 2017, Los Alamos National Laboratory, Los Alamos, New Mexico, USA.
78. “*Confronting Jet Quenching with Jet Grooming: Splitting Function and Jet Mass Distribution in Heavy Ion Collisions*”
 9th International Workshop on Boosted Object Phenomenology, Reconstruction and Searches (BOOST 2017), July 17th, 2017, Buffalo, New York, USA.
79. “*Fantastic Jet Substructures and Where to Find Them*”
 2017 RHIC & AGS Annual Users’ Meeting, June 20th, 2017, Brookhaven National Laboratory, Upton, New York, USA. Invited talk.
80. “*Splitting Functions and Jet Mass Distributions in Heavy Ion Collisions*”
 14th Annual Workshop on Soft-Collinear Effective Theory (SCET2017), March 15th, 2017, Detroit, Michigan, USA.
81. “*Subjet Distributions in Heavy Ion Collisions*”
 2nd Santa Fe Jets and Heavy Flavor Workshop, February 13th, 2017, Inn and Spa at Loretto, Santa Fe, New Mexico, USA. Invited talk.
82. “*Confronting Jet Quenching with Jet Grooming: Jet Substructure in Heavy Ion Collisions*”
 LHC Theory Initiative Fellows Meeting 2017, February 10th, 2017, SLAC National Accelerator Laboratory, Menlo Park, California, USA.
83. “*Splitting Functions and Subjet Distributions in Heavy Ion Collisions*”
 26th International Conference on Ultrarelativistic Nucleus-nucleus Collisions (Quark Matter 2017), February 2nd, Chicago, Illinois, USA. Poster presentation.
84. “*Pushing the Extremes: Jet Physics at High Energy Colliders*”
 Physics colloquium, January 31st, 2017, Kennesaw State University, Kennesaw, Georgia, USA.
85. “*Thoughts on Future Jet Observables*”
 Recent RHIC and LHC Results and Their Implications for Heavy Ion Physics in the 2020’s, October 29th, 2016, MIT, Cambridge, Massachusetts, USA. Invited talk.
86. “*Towards the Understanding of Jet Substructures and Cross Sections in Heavy Ion Collisions Using Soft-Collinear Effective Theory*”
 38th International Conference on High Energy Physics (ICHEP 2016), August 4th, Chicago, Illinois, USA.
87. “*Jet Mass Distribution and Jet Substructure*”
 4th Heavy-Ion Jet Workshop, July 27th, 2016, Ecole Polytechnique, Palaiseau, France. Invited talk.
88. “*Soft-Collinear Mode for Jet Cross Sections in Soft Collinear Effective Theory*”
 High Energy Theory Seminar, June 16th, 2016, Niels Bohr International Academy, Copenhagen, Denmark. Invited talk.

89. “Theory of Hard Probes in PbPb Collisions”
Fourth Annual Large Hadron Collider Physics Conference (LHCP 2016), June 15th, Lund, Sweden. Invited talk.
90. “Energy Profile and Hadron Fragmentation Inside Jets”
Theorie Palaver, June 13th, 2016, Johannes Gutenberg Universitat, Mainz, Germany. Invited talk.
91. “Jet Theory: Precision Jet Physics Using Soft-Collinear Effective Theory”
2016 RHIC & AGS Annual Users’ Meeting, June 8th, 2016, Brookhaven National Laboratory, Upton, New York, USA. Invited talk.
92. “Precision Theory and Jet Mass Distributions”
11th International Workshop on High-pT Physics in the RHIC & LHC Era, April 12th, 2016, Brookhaven National Laboratory, Upton, New York, USA. Invited talk.
93. “Soft-Collinear Mode for Jet Cross Sections in Soft Collinear Effective Theory”
Particle Theory Seminar, March 29th, 2016, Harvard University, Cambridge, Massachusetts, USA. Invited talk.
94. “Jet Fragmentation Function in Proton-Proton Collisions Using Soft Collinear Effective Theory”
High Energy Theory Seminar, February 25th, 2016, Academia Sinica, Taipei, Taiwan. Invited talk.
95. “Towards the Understanding of Jet Shapes and Cross Sections in Heavy Ion Collisions Using Soft-Collinear Effective Theory”
High Energy Theory Seminar, February 24th, 2016, National Central University, Jhongli, Taiwan. Invited talk.
96. “Soft-Collinear Mode for Jet Cross Sections in Soft Collinear Effective Theory”
High Energy Physics Journal Club, February 22nd, 2016, National Taiwan University, Taipei, Taiwan. Invited talk.
97. “Jet Substructures and Cross Sections in Proton and Heavy Ion Collisions”
1st Santa Fe Jets and Heavy Flavor Workshop, January 12th, 2016, Inn and Spa at Loretto, Santa Fe, New Mexico, USA.
98. “Jet Physics in Heavy Ion Collisions as a Probe of the Quark-Gluon Plasma”
T-2 Group meeting, October 20th, 2015, Los Alamos National Laboratory, Los Alamos, New Mexico, USA.
99. “Towards the Understanding of Jet Shapes and Cross Sections in Heavy Ion Collisions Using Soft-Collinear Effective Theory”
QHP Seminar, October 7th, 2015, Theoretical Research Division of Nishina Center, RIKEN, Wako, Japan.
100. “Towards a Unified Picture of Jet Modifications in the QGP Using Soft-Collinear Effective Theory”
25th International Conference on Ultrarelativistic Nucleus-nucleus Collisions (Quark Matter 2015), September 29th, 2015, Kobe, Japan. Poster presentation.
101. “Telescoping Jet Substructure”
7th International Workshop on Boosted Object Phenomenology, Reconstruction and Searches (BOOST 2015), August 12th, 2015, Chicago, Illinois, USA.

102. “Calculating Jet Shape Modifications and Jet Energy Loss in Heavy Ion Collisions Using Soft-Collinear Effective Theory”
 7th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions (Hard Probes 2015), July 1st, 2015, McGill University, Montreal, Quebec, Canada.
103. “Jet Shape Resummation Using Soft-Collinear Effective Theory”
 12th Conference on the Interactions of Particle and Nuclear Physics (CIPANP 2015), May 24th, 2015, Vail, Colorado, USA. Invited talk.
104. “Calculating Jet Energy Loss and Jet Shape Modifications in Heavy Ion Collisions Using Soft-Collinear Effective Theory”
 T-2 Seminar, May 12th, 2015, Los Alamos National Laboratory, Los Alamos, New Mexico, USA.
105. “Jet Energy Loss and Modifications in Heavy Ion Collisions”
 12th Annual Workshop on Soft-Collinear Effective Theory (SCET2015), March 27th, 2015, Inn and Spa at Loretto, Santa Fe, New Mexico, USA.
106. “Jet Physics in Heavy Ion Collisions Using Soft-Collinear Effective Theory”
 High Energy Physics Theory Seminar, March 13th, 2015, Academia Sinica, Taipei, Taiwan.
107. “Jet Shapes in Proton and Heavy Ion Collisions”
 High Energy Physics Theory Seminar, March 11th, 2015, National Taiwan University, Taipei, Taiwan.
108. “Calculating Jet Shape Modifications in Heavy Ion Collisions Using Soft-Collinear Effective Theory”
 31st Winter Workshop on Nuclear Dynamics, January 29th, 2015, Keystone Resort, Colorado, USA.
109. “Resummation of Jet Shapes and Extracting Properties of the Quark-Gluon Plasma”
 37th International Conference on High Energy Physics (ICHEP 2014), July, Valencia, Spain.
 Invited talk but could not attend.
110. “Multiple Event Interpretations in Jet Physics”
 Santa Fe 2014 Summer Workshop ”LHC After the Higgs”, July 1st, 2014, Santa Fe, New Mexico, USA.
111. “Elucidating the Internal Structure of Jets at the LHC using Soft-Collinear Effective Theory”
 24th International Conference on Ultrarelativistic Nucleus-nucleus Collisions (Quark Matter 2014), May 20th, 2014, Darmstadt, Germany. Poster presentation.
112. “A Unified Picture of Parton Multiple Scattering in the Small-x Regime and Forward Physics at RHIC and the LHC”
 24th International Conference on Ultrarelativistic Nucleus-nucleus Collisions (Quark Matter 2014), May 19th, 2014, Darmstadt, Germany.
113. “Resummation of Jet Shapes and Extracting Properties of the Quark-Gluon Plasma”
 QCD Evolution Workshop 2014, May 13th, 2014, Santa Fe, New Mexico, USA.
114. “Resumming Phase Space Logarithms in Jet Shapes”
 11th Annual Workshop on Soft-Collinear Effective Theory (SCET2014), March 27th, 2014, Institute for Advanced Study of the Technische Universitat, Munchen, Germany.

115. “*Jet Shapes at the LHC*”
 Boston Jet Physics Workshop, January 22, 2014, Massachusetts Institute of Technology, Cambridge, Massachusetts, USA.
116. “*Jet Shapes at the LHC*”
 High Energy Physics Theory Seminar, January 3rd, 2014, Academia Sinica, Taipei, Taiwan.
117. “*Telescoping Jets: Multiple Event Interpretations with Multiple R’s*”
 High Energy Physics Theory Seminar, December 25th, 2013, National Taiwan University, Taipei, Taiwan.
118. “*Telescoping Jets: Multiple Event Interpretations with Multiple R’s*”
 T-2 Seminar, August 27th, 2013, Los Alamos National Laboratory, Los Alamos, New Mexico, USA.
119. “*Telescoping Jets: Multiple Event Interpretations with Multiple R’s*”
 5th International Workshop on Boosted Object Phenomenology, Reconstruction and Searches (BOOST 2013), August 15, 2013, Flagstaff, Arizona, USA.
120. “*Telescoping Jets: Multiple Event Interpretations with Multiple R’s*”
 High Energy Physics Theory Seminar, May 24th, 2013, Academia Sinica, Taipei, Taiwan.
121. “*Jet Physics at High Energy Colliders*”
 PhD thesis defense (public), May 10th, 2013, Harvard University, Cambridge, Massachusetts, USA.
122. “*Telescoping Jets: Multiple Event Interpretations with Multiple R’s*”
 High Energy Physics In-house Phenomenology Seminar, March 27th, 2013, Harvard University, Cambridge, Massachusetts, USA.
123. “*Resummation of Jet Mass at Hadron Colliders*”
 T-2 Seminar, December 13th, 2012, Los Alamos National Laboratory (video conference talk), Los Alamos, New Mexico, USA.
124. “*A Probabilistic, non-Recombinational Jet Algorithm*”
 High Energy Physics In-house Phenomenology Seminar, October 15th, 2012, Harvard University, Cambridge, Massachusetts, USA.
125. “*From Neutral Current to Weak Vector Boson*”
 Particle Physics Phenomenology Graduate Student Seminar, June 26th, 2012, Harvard University, Cambridge, Massachusetts, USA.
126. “*Resummation of Jet Mass in Direct Photon Production*”
 High Energy Physics Journal Club, June 4th, 2012, National Taiwan University, Taipei, Taiwan.
127. “*Wilson Lines, AdS, and Conformal Gauge*”
 String Theory Seminar, June 1st, 2012, National Taiwan University, Taipei, Taiwan.
128. “*Resummation of Jet Mass in Direct Photon Production*”
 High Energy Physics Theory Seminar, May 30th, 2012, Academia Sinica, Taipei, Taiwan.
129. “*Resummation of Jet Mass in Direct Photon Production*”
 9th Annual Workshop on Soft-Collinear Effective Theory (SCET2012), March 28th, 2012, Universidad Complutense de Madrid, Madrid, Spain.

130. “Resummation of Jet Mass in Direct Photon Production”
 High Energy Physics In-house Phenomenology Seminar, March 7th, 2012, Harvard University, Cambridge, Massachusetts, USA.
131. “Jet Physics from Static Charges in AdS ”
 High Energy Physics Journal Club, January 9th, 2012, National Taiwan University, Taipei, Taiwan.
132. “Jet Physics from Static Charges in AdS ”
 High Energy Physics Theory Seminar, January 6th, 2012, Academia Sinica, Taipei, Taiwan.
133. “Jet Physics from Static Charges in AdS ”
 High Energy Physics In-house Phenomenology Seminar, September 21st, 2011, Harvard University, Cambridge, Massachusetts, USA.
134. “Cusp Anomalous Dimension in Radial Quantization”
 High Energy Physics In-house Phenomenology Seminar, April 13th, 2011, Harvard University, Cambridge, Massachusetts, USA.
135. “Infrared Singularities, Sudakov Logarithms and Gauge Invariance”
 High Energy Physics In-house Phenomenology Seminar, September 29th, 2010, Harvard University, Cambridge, Massachusetts, USA.
136. “Determination of α_s from LEP Heavy Jet Mass Data Using Effective Field Theory”
 The 37th Taiwanese Student Physics Discussion, August 3rd, 2010, B27 R-015, CERN, Geneva, Switzerland.
137. “Determination of α_s from LEP Heavy Jet Mass Data Using Effective Field Theory”
 High Energy Physics Journal Club, June 28th, 2010, National Taiwan University, Taipei, Taiwan.
138. “Determination of α_s from LEP Heavy Jet Mass Data Using Effective Field Theory”
 High Energy Physics In-house Phenomenology Seminar, March 10th, 2010, Harvard University, Cambridge, Massachusetts, USA.