

TALKS AT INTERNATIONAL CONFERENCES/WORKSHOPS

1. “QED 5-loop on the lattice,” at the International Joint Workshop on the Standard Model and Beyond, December 9-13, 2024, UNSW, Sydney, Australia.
2. “Random thoughts on future particle physics experiments at J-PARC,” at the 4th J-PARC Symposium 2024, October 14-18, 2024, Mito, Japan.
3. “QED 5-loop on the lattice,” at the Seventh plenary workshop of the muon g-2 theory initiative, September 9-13, 2024, KEK, Tsukuba, Japan.
4. “ μ TRISTAN,” at BSM in Particle Physics and Cosmology: 50 years later, January 7-13, 2024, Qui Nhon, Vietnam.
5. “ μ TRISTAN,” at the Muons in Minneapolis Workshop, December 6-8, 2023, Minneapolis, USA.
6. “ μ TRISTAN,” at the Muon Collider Physics Benchmark Workshop, November 16-18, 2023, Pittsburgh, USA.
7. “Physics at μ TRISTAN,” at the IPNS Workshop on Muon acceleration and future colliders with muon, November 2, 2023, KEK, Japan.
8. “ μ TRISTAN,” at the International Workshop on particles, cosmology and strings (PAS-COS2023), June 26-30, 2023, University of California, Irvine, California, USA.
9. “ μ TRISTAN,” at the International Workshop on Higgs as a Probe of New Physics, June 5-9, 2023, Osaka, Japan.
10. “ μ TRISTAN,” at the Muon4Future workshop, May 29-31, 2023, Venezia, Italy.
11. “Novel μ^+e^- collider for precision Higgs measurement,” at IDT-WG3-Phys Open Meeting, April 20, 2023, online.
12. “From 3d dualities to hadron physics,” at the International Joint Workshop on the Standard Model and beyond, October 14 - 17, 2019, Fragrant Hill Hotel, Beijing, China.
13. “Leptogenesis via Neutrino Oscillation Magic,” at the International workshop on “Intensity Frontier in Particle Physics: Flavor, CP Violation and Dark Physics,” October 3 - 6, 2019, National Taiwan University and National Center for Theoretical Sciences, Taiwan.
14. “Neutrino physics and the origin of the Universe,” at the International workshop on “Unification and Development of the Neutrino Science Frontier,” March 5 - 6, 2018, Kyoto University, Japan.

15. “ θ physics and axion,” at the International workshop on “Axion physics and dark matter cosmology,” December 20 - 21, 2017, Osaka University, Japan.
16. “ θ physics,” at the “Topological Science Symposium 2017,” November 21 - 22, 2017, Keio Hiyoshi campus, Japan.
17. “Strong CP problem on the lattice,” at the Johns Hopkins Workshop Series on Current Problems in Particle Theory Summer 2017, “Beyond the Standard Model – Exploring the Frontier,” July 3 - 6, 2017, Budapest, Hungary.
18. “Primordial lepton oscillations and baryogenesis,” at Neutrino Frontier 2016 Workshop, November 28 - 30, 2016, Kanazawa, Japan.
19. “Strong CP problem and axion on the lattice,” at Santa Fe 2016 Summer Workshop, July 4 - 8, 2016, Santa Fe, New Mexico, USA.
20. “Strong CP problem and axion on the lattice,” at the 1st KEK-KIAS-NCTS Joint Workshop on Particle Physics Phenomenology, May 26 - 28, 2016, Hsinchu, Taiwan.
21. “Strong CP problem and axion on the lattice,” at the IBS-SNU joint workshop on particle physics, May 2 - 4, 2016, Seoul, Korea.
22. “Strong CP problem and axion on the lattice,” at the Particle Cosmology and beyond 2015, November 16 - 19, 2015, Kanazawa, Japan.
23. “Grand Picture,” at the international workshop on future potential of high intensity proton accelerator for particle and nuclear physics (HINT2015), October 13 - 15, 2015, Tokai Village, Japan.
24. “Discussion on Strong CP problem,” at the GGI workshop on “Gearing up for LHC13,” August 31 - October 16, 2015, Florence, Italy.
25. “Strong CP problem and axion on the lattice,” at the Joint KEK Theory Fermilab Theory Workshop, August 3 - 7, 2015, Fermilab, Illinois, USA.
26. “Topology in QCD and the axion abundance,” at the MIAPP Workshop on “Anticipating 14 TeV: Insights into Matter from the LHC and Beyond”, June 29 - July 24, 2015, Munich, Germany.
27. “Hidden Local Symmetry as magnetic gauge theory,” at the Sakata Memorial KMI Workshop on “Origin of Mass and Strong Coupling Gauge Theories,” (SCGT15), March 3 - 6, 2015, Nagoya University, Nagoya, Japan.
28. “Emergent Higgs,” at the Solvay workshop on “Exploring Higher Energy Physics,” November 4 - 6, 2013, ULB, Brussels, Belgium.

29. "SUSY+beyond," at the Tohoku Forum for Creativity, "Particle Physics and Cosmology after the discovery of Higgs boson," October 21 - 25, 2013, Sendai, Miyagi, Japan.
30. "Flavor structures and new physics," at the 12th Asia Pacific Physics Conference of AAPPS, July 14 - 19, 2013, Makuhari, Chiba, Japan.
31. "Emergent Higgs and Color Confinement," at the GGI workshop on "Beyond the Standard Model after the first run of the LHC", May 20 - July 12, 2013, Florence, Italy.
32. "Partially Composite Higgs in Supersymmetry," at the KMI-GCOE Workshop on "Strong Coupling Gauge Theories in the LHC Perspective (SCGT 12)", December 4-7, 2012, Nagoya, Japan.
33. "SUSY vs LHC," at the Hadron Collider Physics Symposium 2012, November 12-16, 2012, Kyoto, Japan.
34. "Hadron physics as Seiberg dual of QCD," at Summer Institute 2012, August 18-24, 2012, Sun Moon Lake, Taiwan.
35. "Hadron physics as Seiberg dual of QCD," at SUSY'12, the 20th International Conference on Supersymmetry and the Unification of Fundamental Interactions, August 13-18, 2012, Beijing, China.
36. "New Physics," lectures given at the 12th Summer Institute for Theoretical Physics, July 22-29, 2012, APCTP, Postech, Pohang, Korea.
37. "Higgs mechanism as a magnetic picture of dynamical symmetry breaking," at the Santa Fe 2012 Summer Workshop, "LHC now," July 9-13, 2012, Santa Fe, New Mexico, USA.
38. "Higgs mechanism as a magnetic picture of dynamical symmetry breaking (super-topcolor model)," at the KMI Mini-Workshop on "Conformality in Strong Coupling Gauge Theories at LHC and Lattice" (SCGT12Mini), March 18-20, 2012, Nagoya, Japan.
39. "Higgs mechanism and confinement," at the International Workshop on Grand Unified Theories, March 15-17, 2012, Kyoto, Japan.
40. "Supertopcolor," at SUSY Breaking '11, May 16-21, 2011, CERN, Geneva, Switzerland.
41. "Non-thermal Gravitino Dark Matter in Gauge Mediation," at the Non-Thermal Cosmological Histories of the Universe Workshop, October 18-21, 2010, University of Michigan, Ann Arbor, Michigan, USA.
42. "Natural Supersymmetry," at the SLAC workshop on Topologies for Early LHC Searches, September 22-25, 2010, SLAC, USA.

43. "Thoughts on Supersymmetry and Electroweak Symmetry Breaking," at the KITP workshop on Strings at the LHC and in the Early Universe, March 8 - May 14, 2010, KITP, USA.
44. "Higgsinoless SUSY and Hidden Gravity," at the 2009 Nagoya Global COE Workshop, Strong Coupling Gauge Theories in LHC Era (SCGT'09), December 8-11, 2009, Nagoya, Japan.
45. "Higgsinoless SUSY and Hidden Gravity," at the International workshop on supersymmetry and supersymmetry breaking, April 20-24, 2009, IPPP, Durham, UK.
46. "SUSY Breaking, Composite Higgs and Hidden Gravity," at the 16th Yukawa International Seminar (YKIS) Symposium, March 9-13, 2009, YITP, Kyoto, Japan.
47. "Supersymmetry Breaking and Signatures at the LHC," at KEK Annual Theory Meeting on Particle Physics Phenomenology (KEKPH09), March 3-6, 2009, KEK, Tsukuba, Japan.
48. "Study of chargino-neutralino production at hadron colliders in a long-lived slepton scenario," at IPMU focus week on LHC physics, June 23-27, 2008, IPMU, Kashiwa, Japan.
49. "Study of chargino-neutralino production at hadron colliders in a long-lived slepton scenario," at SUSY'08, the 16th International Conference on Supersymmetry and the Unification of Fundamental Interactions, June 16-21, 2008, Seoul, Korea.
50. "Non-thermal gravitino dark matter," at the 2nd International Workshop on the Interconnection between Particle Physics and Cosmology (PPC 2008), May 19-23, 2008, University of New Mexico, Albuquerque, New Mexico, USA.
51. "Lepton Flavor Violating Muon Decays and Physics beyond the Standard Model," at the Project X physics meeting, November 16-17, 2007, Fermilab, Illinois, USA.
52. "Supersymmetric Model Building," lectures given at Summer Institute 2007, August 3-10, 2007, Fuji-Yoshida, Japan.
53. "Sweet Spot Supersymmetry" at CERN 2007 Summer Workshop, LHC-cosmology interplay, June 25-August 10, 2007, CERN, Geneva, Switzerland.
54. "Sweet Spot Supersymmetry" at Eötvös-Cornell 2007 Summer Workshop on Particle Theory, June 25-29, 2007, Eötvös University, Budapest, Hungary.
55. "Sweet Spot Supersymmetry" at Brookhaven Forum 2007: New Horizons at Colliders, May 30-June 1, 2007, Brookhaven National Laboratory, New York, USA.
56. "Moduli Decays and Gravitinos" at Cosmo 2006, International Workshop on Particle Physics and the Early Universe, September 25-29, 2006, Tahoe City, California, USA.

57. “Dynamical GUT breaking and μ -term driven SUSY breaking” at Santa Fe 2006 Summer Workshop, Particle Theory and the LHC, July 23-29, 2006, Santa Fe, New Mexico, USA.
58. “Natural Supersymmetric Standard Model” at SUSY’06, 14th International Conference on Supersymmetry and the Unification of Fundamental Interactions, June 12-17, 2006, Irvine, California, USA.
59. “Lepton Flavor Violation in Supersymmetric Models” at PANIC’05 Conference, October 24-28, 2005, Santa Fe, New Mexico, USA.
60. “Scenarios for Supersymmetry Cosmology and Phenomenology” at YITP workshop, Progress in Particle Physics 2005, June 20-24, 2005, Yukawa Institute for Theoretical Physics, Kyoto University, Kyoto, Japan.
61. “Scenarios for Supersymmetry Cosmology and Phenomenology” at Argonne National Laboratory Theory Institute on Supersymmetry, Extra Dimensions, and Higgs Bosons, May 9-13, 2005, Argonne National Laboratory, Illinois, USA.
62. “Gravitational Baryogenesis” at Aspen summer 2004 workshop on Lepton number violation: Neutrinos, Leptogenesis, Grand Unified Theories and Beyond, June 28-July 18, 2004, Aspen Center for Physics, Colorado, USA.
63. “Electroweak symmetry breaking via UV insensitive anomaly mediation” at SUSY04, the 12th International Conference on Supersymmetry and Unification of Fundamental Interactions, June 17-23, 2004, Epochal Tsukuba, Tsukuba, Japan.
64. “Gravitational Baryogenesis” at Planck04 Seventh European Meeting, May 24-28, 2004, Bad Honnef, Germany.
65. “Lepton flavor violation and physics beyond the standard model” at 2004 RHIC & AGS Annual User’s Meeting, May 10-14, 2004, Brookhaven National Laboratory, New York, USA.
66. “Gravitational Baryogenesis” at 2004 Phenomenology Symposium (PHENO 2004), April 26-28, 2004, University of Wisconsin-Madison, Wisconsin, USA.
67. “Detailed calculation of lepton flavor violating muon-electron conversion rate for various nuclei” at the 11th Annual International Conference on “Supersymmetry and the Unification of the Fundamental Interactions” (SUSY 2003), June 5-10, 2003, Tucson, Arizona, USA.
68. “Lepton flavor violation and physics beyond the standard model” at the Conference on the Intersections of Particle and Nuclear Physics (CIPANP 2003), May 19-24, 2003, New York City, USA.

69. “Lepton flavor violation in Randall-Sundrum model with bulk neutrinos” at the 3rd International Workshop on “Neutrino Factory Based On Muon Storage Rings” (NuFACT’01), May 24-30, 2001, Tsukuba, Japan.
70. “Lepton flavor violation in Randall-Sundrum model with bulk neutrinos” at the 2nd Workshop on “Neutrino Oscillations and Their Origin” (Noon’00), December 6-8, 2000, University of Tokyo, Tokyo, Japan.
71. “Lepton flavor violation in Randall-Sundrum model with bulk neutrinos” at Sendai Phenomenology Workshop: “New Directions To Unified Theories”, October 23-25, 2000, Sendai, Japan.