CURRICULUM VITAE

NAME: Che-Ming Ko

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EDUCATION:

B.Sc., Tunghai University, Taichung, Taiwan, 1965
M.Sc., McMaster University, Hamilton, Ontario, Canada, 1968
Ph.D., State University of New York, Stony Brook, New York, 1973

POSITIONS HELD:

1973-1974	Postdoctoral Research Fellow, McMaster University
1974-1977	Visiting Scientist, Max-Planck-Institute for Nuclear Physics
1977-1978	Research Associate, Michigan State University
1978-1980	Research Associate, Lawrence Berkeley Laboratory
1980-1984	Assistant Professor, Texas A&M University
1984-1985	Research Associate Professor, University of Tennessee
1984-1988	Associate Professor, Texas A&M University
1988-present	Professor, Texas A&M University
1995-96 Summer	Humboldt Research Award visit to University of Giessen
1996 Fall	Visiting Professor, State University of New York at Stony Brook
1998 Summer	Humboldt Research Award visit to University of Giessen

HONORS AND AWARDS:

1994	Fellow, American Physical Society
1994	Alexander von Humboldt Senior Distinguished Scientist Award
2004	Association of Texas A&M Former Students Distinguished

	Research Award
2010	Outstanding Referee, American Physical Society
2012	Excellence in Reviewing, Physics Letters B, Elsevier

PROFESSIONAL SERVICES:

1998-2000	Member, Editorial Board, Physical Review C
	American Institute of Physics
2004-2007	Member, Panel for Physics Cooperative Grants Program,
	US Civilian Research and Development Foundation
2009-present	Associate Editor, Chinese Journal of Physics
1980-present	Reviewer of Nuclear Physics Proposals from
	Department of Energy, National Science Foundation and etc.
1980-present	Referee for Physical Review Letters, Physical Review C,
	Nuclear Physics A, Physics Letters B, Journal of Physics G and etc.

RESEARCH INTERESTS:

Theoretical nuclear physics with emphasis on theory of heavy-ion collisions and hadronic reactions. Areas of research include:

1. Nuclear matter theory
2. Nuclear Structure
3. Nuclear deformation energy and fission
4. Heavy-ion deeply inelastic collisions
5. Pion interactions with nuclei
6. Strange particle production from heavy-ion collisions
7. Relativistic transport theory
8. Medium effects in heavy-ion collisions
9. Signatures of quark-gluon plasma
10. Dilepton production in nuclear reactions
11. Isospin effects in nuclei and nuclear reactions
12. Multiphase transport model for ultrarelativistic heavy-ion collisions
13. Charm meson production and interactions
14. Chemical equilibration and fluctuation in heavy ion collisions
15. Effective Lagrangians for hadronic reactions

16. Light clusters production in intermediate-energy heavy ion collisions
17. Quark coalescence approach to hadronization
18. Pentaquark baryon production and interactions
19. Nuclear symmetry energy, equation of state of asymmetric nuclear matter, and neutron stars
20. Charm quark interactions in quark-gluon plasma
21. Jet propagation in quark-gluon plasma
22. Exotic hadron production in relativistic heavy ion collisions
23. Quarkonia production in heavy ion collisions
24. QCD at finite baryon chemical potential
25. Anomalous transport model and chiral magnetic effect

RESEARCH GRANTS:

Total research grant since 1981: **$5,073,103**

1. "Theoretical Nuclear Physics", C. M. Ko and P. J. Siemens, $331,524 from National Science Foundation for 6/1/1981-11/30/1984.
2. "Theoretical Nuclear Physics", C. M. Ko and P. J. Siemens, $303,800 from National Science Foundation for 7/1/1984-11/30/1986.
3. "Theoretical Nuclear Physics", C. M. Ko, $230,800 from National Science Foundation for 6/1/1986-11/30/1989.
4. "Theoretical Studies of Heavy Ion Collisions", C. M. Ko, $50,000 from Robert A. Welch Foundation for 6/1/1987-5/31/1989.
5. "Theoretical Studies of Heavy Ion Collisions", C. M. Ko, $85,000 from Robert A. Welch Foundation for 6/1/1989-5/31/1992.
6. "Theoretical Nuclear Physics", C. M. Ko, $302,757 from National Science Foundation for 8/15/1989-1/31/1993.
7. "Transport Theory for Nuclear Reactions", C. M. Ko, $99,000 from Robert A. Welch Foundation for 6/1/1992-7/31/1995.
8. "Theoretical Nuclear Physics", C. M. Ko, $293,650 from National Science Foundation for 8/5/1992-1/31/1996.
9. "High Energy Heavy Ion Collisions", C. M. Ko, $50,000 from Alexander von Humboldt Foundation for 1/1/1995-8/31/1995.

10. "Theoretical Nuclear Physics", C. M. Ko, $265,000 from National Science Foundation for 8/1/1995-12/31/1998.
11. "Theoretical Studies of Heavy Ion Collisions with Radioactive Beams", C. M. Ko, $124,000 from Robert A. Welch Foundation for 6/1/1997-5/31/2000.
12. "Searching for the Quark-Gluon Plasma", C. M. Ko, $95,000 from Texas Higher Education Coordinating Board Advanced Research Program for 1/1/1998-12/31/1999.
13. "Theoretical Nuclear Physics", C. M. Ko, $255,000 from National Science Foundation for 8/1/1998-7/31/2002.
14. "Relativistic Heavy Ion Collisions", C. M. Ko, $96,800 from Texas Higher Education Coordinating Board Advanced Research Program for 1/1/2000-12/31/2002.
15. "Heavy Ion Collisions with Radioactive Nuclear Beams", C. M. Ko, $145,000 from Robert A. Welch Foundation for 6/1/2000-5/31/2003.
16. "Theoretical Nuclear Physics", C. M. Ko, $150,000 from National Science Foundation for 8/1/2001-7/31/2005.
17. "Theoretical Studies of Heavy Ion Collisions", C. M. Ko, $160,000 from Robert A. Welch Foundation for 6/1/2003-5/31/2006.
18. "Theoretical Nuclear Physics", C. M. Ko, $301,772 from National Science Foundation for 4/1/2005-3/31/2009.
19. "Theoretical Studies of Heavy Ion Collisions", C. M. Ko, $180,000 from Robert A. Welch Foundation for 6/1/2006-5/31/2009.
20. "Theoretical Nuclear Physics", C. M. Ko, $270,000 from National Science Foundation for 5/1/2008-4/30/2012.
21. "Theoretical Studies of Heavy Ion Collisions", C. M. Ko, $200,000 from Robert A. Welch Foundation for 6/1/2009-5/31/2012.
22. "Quantitative Jet and Electromagnetic Tomography of Extreme Phases of Matter in Heavy-ion Collisions", R. J. Fries and C. M. Ko, $229,000 from Department of Energy for 5/1/2010-4/30/2015.
23. "Theoretical Nuclear Physics", C. M. Ko, $270,000 from National Science Foundation for 6/15/2011-5/31/2015.
24. "Theoretical Studies of Heavy Ion Collisions", C. M. Ko, $225,000 from Robert A. Welch Foundation for 6/1/2012-5/31/2015.
25. "Theoretical Studies of Heavy Ion Collisions", C. M. Ko, $240,000 from Robert A. Welch Foundation for 6/1/2015-5/31/2018.

26. "Theoretical Nuclear Physics", C. M. Ko, $120,000 from Department of Energy for 3/15/2016-3/14/2018.

PUBLICATIONS IN REFEREED JOURNALS:

As of August 22, 2016, $\sim$ **13, 202** citations in Thomson Reuters Web of Science with h-index of 57 and average citations of $\sim$ 39 per paper, including 1 above 500, 2 between 400-500, 3 between 300-400, 4 between 200-300, and 21 between 100-200 citations (shown below by bold faces in quotations); $\sim$ **13, 909** citations in SPIRES high energy database with h-index of 62 and average citations of $\sim$ 52 per paper, 2 above 500, 7 above 250, 23 between 100-249 citations, and 47 between 50-99 citations; and $\sim$ **19, 386** citations in Google Scholar with h-index of 73.

1. C. M. Ko and D. W. L. Sprung, "Evaluation of Perturbation Theory Terms in Nuclear Matter", Can. J. Phys. **47**, 123-130 (1969).
2. C. M. Ko, H. C. Pauli, M. Brack, and G. E. Brown, "A New Approach to Deformation Energy Calculations", Phys. Lett. B **45**, 433-436 (1973).
3. C. M. Ko, T. T. S. Kuo, and J. B. McGrory, "Weak-Coupling Model for ^{212}Pb and ^{204}Pb", Phys. Rev. C **8**, 2379-2389 (1973).
4. C. M. Ko, H. C. Pauli, M. Brack, and G. E. Brown, "A Microscopic, but Not Self-Consistent Approach to Nuclear Binding and Deformation Energies", Nucl. Phys. A **236**, 269-301 (1974).
5. D. W. L. Sprung, M. Vallieres, X. Campi, and C. M. Ko, "A Note on the Validity of the Density Matrix Expansion", Nucl. Phys. A **253**, 1-19 (1975).
6. B. C. Smith and C. M. Ko, "Solution of the Bohr Hamiltonian for $J \leq 20$", Can. J. Phys. **54**, 1862-1865 (1976).
7. C. M. Ko, H. J. Pirner, and H. A. Weidenmüller, "A One-Dimensional Statistical Model of Friction in Deeply Inelastic Heavy Ion Collisions", Phys. Lett. B **62**, 248-252 (1976).
8. D. Agassi, C. M. Ko, and H. A. Weidenmüller, "Transport Theory of Deeply Inelastic Heavy-Ion Collisions Based on a Random Matrix model, I. Derivation of the Transport Equation", Ann. Phys. **107**, 140-167 (1977). (**133 citations**)
9. D. Agassi, H. A. Weidenmüller, and C. M. Ko, "A Microscopic Calculation of Angular and Energy Distributions of Light Fragments in Deeply Inelastic Heavy-Ion Collisions", Phys. Lett. B **73**, 284-288 (1978).

10. D. Agassi, C. M. Ko, and H. A. Weidenmüller, "Calculation of Kr and Xe Induced Deeply Inelastic Heavy-Ion Collisions with the Help of a Transport Equation", Phys. Rev. C **18**, 223-235 (1978).
11. C. M. Ko, "Unified Model of Deep Inelastic Heavy-Ion Collisions: Collectivity and Statistics", Z. Phys. A **286**, 405-409 (1978).
12. C. M. Ko, G. F. Bertsch, and D. Cha, "Nucleon Tunneling Model of Mass Diffusion in Deep Inelastic Heavy-Ion Collisions", Phys. Lett. B **77**, 174-177 (1978).
13. C. M. Ko and D. O. Riska, "The Absorptive P-Wave ion-Nucleus Optical Potential", Nucl. Phys. A **312**, 217-235 (1978).
14. C. M. Ko, D. Agassi, and H. A. Weidenmüller, "Transport Theory of Deeply Inelastic Heavy-Ion Collisions Based on a Random Matrix Model, II. Study of a One-Dimensional Model", Ann. Phys. **117**, 237-267 (1979).
15. D. Agassi, C. M. Ko, and H. A. Weidenmüller, "Transport Theory of Deeply Inelastic Heavy-Ion Collisions Based on a Random Matrix Model, III. Calculation of Cross Sections and Comparison with the Reaction Ar+Th", Ann. Phys. **117**, 407-435 (1979).
16. C. M. Ko, "Role of Deformation in Deep Inelastic Heavy-Ion Collisions", Phys. Lett. B **81**, 299-302 (1979).
17. C. M. Ko, J. R. Borysowicz, A. D. Becke, and D. W. L. Sprung, "A Note on the Least Squares Fitting with Normalization Parameters", Nucl. Phys. A **319**, 175-181 (1979).
18. C. M. Ko, "Effect of Tunneling on the One-Body Proximity Friction", Phys. Rev. C **19**, 2417-2419 (1979).
19. C. M. Ko, "Pion Absorption in Highly Excited Nuclear Matter", Phys. Rev. C **20**, 757-763 (1979).
20. C. M. Ko and T. C. Meng, "180^0 Production of p, d, t, and p-p Correlation in p-Nucleus Collisions", Phys. Rev. Lett. **43**, 994-997 (1979).
21. J. Randrup and C. M. Ko, "Kaon Production in Relativistic Nuclear Collisions", Nucl. Phys. A **343**, 519-544 (1980). (**173 citations**)
22. C. M. Ko, "Evidence for Statistical Fluctuation in the Fragmentation of ^{16}O at Intermediate Energies", Phys. Rev. C **21**, 2672-2674 (1980).
23. C. M. Ko and S. Bohrmann, "A Model for Pion Absorption in Nuclei", Phys. Lett. B **97**, 188-191 (1980).
24. C. M. Ko and P. J. Siemens, "Production of the Pionic Atom in Heavy-Ion Collisions",

Nucl. Phys. A **367**, 496-508 (1981).

25. C. M. Ko, "K^+ Production in Relativistic Heavy-Ion Collisions", Phys. Rev. C **23**, 2760-2762 (1981).
26. T. Izumoto, M. Ichimura, C. M. Ko, and P. J. Siemens, "Pionic Modes of Excitation in Continuum From the (p,n) Reaction", Phys. Lett. B **112**, 315-318 (1982).
27. C. M. Ko, "Subthreshold K^- Production in High Energy Heavy Ion Collisions", Phys. Lett. B **120**, 294-296 (1983).
28. J. Randrup and C. M. Ko, "Revision of Calculations for Kaon Production in Relativistic Nuclear Collisions", Nucl. Phys. A **411**, 537-540 (1983).
29. C. M. Ko, "Exotic Pionic Atoms in Heavy-ion Collisions", Phys. Rev. C **29**, 333-334 (1984).
30. C. M. Ko, "Effect of Final State Interactions on K^- Production in Heavy-Ion Collisions", Phys. Lett. B **138**, 361-364 (1984).
31. C. M. Ko, "Contribution of the Reaction $NY \to NN\bar{K}$ to Antikaon Production in Relativistic Heavy-Ion Collisions", Phys. Rev. C **29**, 2169-2172 (1984).
32. C. M. Ko, G. F. Bertsch, and J. Aichelin, "Probing Heavy-Ion Collisions with Bremsstrahlung", Phys. Rev. C **31**, 2324- 2326 (1985). (Rapid communications)
33. C. M. Ko, "Hypernucleus Production in Heavy-Ion Collisions", Phys. Rev. C **32**, 326-328 (1985).
34. C. M. Ko, "Mesonic Atoms from Heavy-Ion Collisions", Phys. Rev. C **32**, 1778-1780 (1985).
35. J. Aichelin and C. M. Ko, "Subthreshold Kaon Production as a Probe of the Nuclear Equation of State", Phys. Rev. Lett. **55**, 2661-2663 (1985). (**228 citations**)
36. C. M. Ko and C. Y. Wong, "Photon Bremsstrahlung from Ultrarelativistic Nuclear Collisions", Phys. Rev. C **33**, 153-155 (1986).
37. C. M. Ko and J. Aichelin, "Photons from Heavy-Ion Collisions at Fermi Velocity", Phys. Rev. C **35**, 1976-1978 (1987). (Rapid communications)
38. C. M. Ko and R. Yuan, "Lambda Production from Anti-Proton Annihilation in Nuclei", Phys. Lett. B **192**, 31-34 (1987).
39. C. M. Ko, Q. Li, and R. Wang, "Relativistic Vlasov Equation for Heavy-Ion Collisions", Phys. Rev. Lett. **59**, 1084-1087 (1987). (**145 citations**)
40. L. Xiong and C. M. Ko, "Photons from Ultrarelativistic Nuclear Collisions", Phys. Rev. C **37**, 880-882 (1988).

41. Q. Li and C. M. Ko, "Covariant Vlasov Equation Based on the Walecka Model", Mod. Phys. Lett. A **3**, 465-468 (1988).
42. C. M. Ko and X. Ge, "Antiproton Production from High Energy Heavy-Ion Collisions", Phys. Lett. B **205**, 195-198 (1988).
43. C. M. Ko and Q. Li, "Relativistic Vlasov-Uehling-Uhlenbeck Model for Heavy-Ion Collisions", Phys. Rev. C **37**, 2270-2273 (1988). (Rapid communications) (**120 citations**)
44. L. H. Xia, C. M. Ko, L. Xiong, and J. Q. Wu, "Dilepton as a Probe of Pion Dynamics in Heavy-Ion Collisions", Nucl. Phys. A **485**, 721-732 (1988).
45. C. M. Ko and L. H. Xia, "K^+/π^+ Enhancement in Heavy-Ion Collisions", Phys. Rev. C **38**, 179-183 (1988).
46. Q. Li, J. Q. Wu, and C. M. Ko, "Relativistic Vlasov-Uehling-Uhlenbeck Equation for Nucleus-Nucleus Collisions", Phys. Rev. C **39**, 849-852 (1989). (**118 citations**)
47. A. de Paoli, K. Niita, W. Cassing, U. Mosel, and C. M. Ko, "Eta Production in Heavy Ion Collisions", Phys. Lett. B **219**, 194-198 (1989).
48. J. Aichelin, J. Cugnon, Z. Fraenkel, K. Frankel, C. Gale, M. Gyulassy, D. Keane, C. M. Ko, J. Randrup, A. Rosenhauser, H. Stöcker, G. Welke, and J. Q. Wu, "Comparison of Nuclear Transport Models with 800A-MeV La+La Data", Phys. Rev. Lett. **62**, 1461-1464 (1989).
49. C. M. Ko and L. H. Xia, "Dilepton Suppression as a Signature for Baryon-Rich Quark-Gluon Plasma", Phys. Rev. Lett. **62**, 1595-1598 (1989).
50. C. M. Ko, "Relativistic Vlasov-Uehling-Uhlenbeck Model for High Energy Heavy Ion Collisions", Nucl. Phys A **495**, 321-336 (1989).
51. C. M. Ko and L. H. Xia, "K/π Ratio from High-Energy Heavy-Ion Collisions", Nucl. Phys. A **498**, 561c-566c (1989).
52. J. Q. Wu and C. M. Ko, "Medium Effect on Kaon Production from Heavy-Ion Collisions", Nucl. Phys. A **499**, 810-820 (1989).
53. L. H. Xia and C. M. Ko, "K/π Ratio from High-Energy Heavy-Ion Collisions", Phys. Lett. B **222**, 343-346 (1989).
54. C. M. Ko, L. H. Xia, P. J. Siemens, "Effect of the Imaginary Part of the Pion Self-Energy on Dilepton Production in Dense Nuclear Matter", Phys. Lett. B **231**, 16-20 (1989).
55. C. M. Ko and L. H. Xia, "Subthreshold Antiproton Production in Nucleus-Nucleus

Collisions", Phys. Rev. C **40**, R1118-R1119 (1989).

56. L. H. Xia, C. M. Ko, and C. T. Li, "Dilepton as a Possible Signature for the Baryon-Rich Quark-Gluon Plasma", Phys. Rev. C **41**, 572-580 (1990).
57. L. Xiong, J. Q. Wu, Z. G. Wu, C. M. Ko, and J. H. Shi, "Dielectron Production in Proton-Nucleus Reactions", Phys. Rev. C **41**, R1355-R1358 (1990).
58. L. Xiong, Z. G. Wu, C. M. Ko, and J. Q. Wu, "Dielectron Production from Nucleus-Nucleus Collisions", Nucl. Phys. A **512**, 772-786 (1990).
59. C. Korpa, L. Xiong, C. M. Ko, and P. J. Siemens, "Dilepton Production from Pion-Pion Annihilation in a Nuclear Medium", Phys. Lett. B **246**, 333-336 (1990).
60. L. Xiong, C. M. Ko, and J. Q. Wu, "Contribution of $\pi N \to \Lambda K$ to Subthreshold Kaon Production in Heavy-Ion Collisions", Phys. Rev. C **42**, 2231-2233 (1990).
61. C. M. Ko and B. H. Sa, "Phi Meson Production in Hadronic Matter", Phys. Lett. B **258**, 6-10 (1991).
62. G. E. Brown, C. M. Ko, Z. G. Wu, and L. H. Xia, "Kaon Production from Hot and Dense Matter Formed in Heavy Ion Collisions", Phys. Rev. C **43**, 1881-1892 (1991). (**124 citations**)
63. C. M. Ko, Z. G. Wu, L. H. Xia, and G. E. Brown, "Effect of Chiral Restoration on Kaon Production in Relativistic Heavy-Ion Collisions", Phys. Rev. Lett. **66**, 2577-2580 (1991); Erratum-ibid. **67**, 1811 (1991).
64. V. Koch, G. E. Brown, and C. M. Ko, "Mean-Field Effects and Apparent Temperatures of Nucleons and Antinucleons", Phys. Lett. B **265**, 29-34 (1991).
65. G. E. Brown, C. M. Ko, and K. Kubodera, "Strangeness Production in Relativistic Heavy-Ion Collisions", Z. Phys. A **341**, 301-305 (1992).
66. C. M. Ko, P. Lévai, X. J. Qiu, and C. T. Li, "Phi Meson in Dense Matter", Phys. Rev. C **45**, 1400-1402 (1992).
67. M. I. Gorenstein, S. N. Yang, and C. M. Ko, "Pion Multiplicity as a Probe of the Deconfinement Transition in Heavy-Ion Collisions", Phys. Lett. B **281**, 197-201 (1992).
68. M. I. Gorenstein, S. N. Yang, and C. M. Ko, "Some Aspects of Pion Production in Heavy Ion Collisions", Chin. J. Phys. **30**, 543-558 (1992).
69. C. M. Ko, M. Asakawa, and P. Lévai, "Antilambda Enhancement in Ultrarelativistic Heavy Ion Collisions", Phys. Rev. C **46**, 1072-1076 (1992).
70. M. Asakawa, C. M. Ko, P. Lévai, and X. J. Qiu, "Rho Meson in Dense Hadronic

Matter", Phys. Rev. C **46**, R1159-R1162 (1992). (**129 citations**)

71. M. Asakawa, C. M. Ko, and P. Lévai, "M_T-Scaling in Dilepton Spectrum as a Signature for Quark-Gluon Plasma", Phys. Rev. Lett. **70**, 398-401 (1993).
72. L. Xiong, C. M. Ko, and V. Koch, "Transport Model with Quasipions", Phys. Rev. C **47**, 788-794 (1993).
73. X. S. Fang, C. M. Ko, G. E. Brown, and V. Koch, "Medium Effects on Kaon and Antikaon Spectra in Heavy-Ion Collisions", Phys. Rev. C **47**, 1678-1682 (1993).
74. X. S. Fang, C. M. Ko, and Y. M. Zheng, "Rescattering Effects on Kaon Energy Spectra in Heavy-Ion Collisions", Nucl. Phys. A **556**, 499-508 (1993).
75. M. Asakawa and C. M. Ko, "Medium Effects on the Rho Meson", Phys. Rev. C **48**, R526-R529 (1993).
76. M. Asakawa and C. M. Ko, "QCD Sum Rules for a Rho Meson in Dense Matter", Nucl. Phys. A **560**, 399-410 (1993).
77. C. M. Ko and M. Asakawa, "Double Phi Peaks as a Signature for the QCD Phase Transition", Nucl. Phys. A **566**, 447c-450c (1994).
78. Y. Asakawa and C. M. Ko, "Seeing the QCD Phase Transition with Phi Mesons", Phys. Lett. B **322**, 33-37 (1994).
79. X. S. Fang, C. M. Ko, G. Q. Li, and Y. M. Zheng, "Medium Effects on Subthreshold Kaon Production in Heavy-Ion Collisions", Phys. Rev. C **49**, R608-R611 (1994).
80. G. Q. Li, C. M. Ko, X. S. Fang, and Y. M. Zheng, "Subthreshold Antiproton Production in Nucleus-Nucleus Collisions", Phys. Rev. C **49**, 1139-1148 (1994).
81. C. M. Ko and D. Seibert, "What Can We Learn from a Second Phi Meson Peak in Ultrarelativistic Nuclear Collisions?", Phys. Rev. C **49**, 2198-2202 (1994).
82. M. Asakawa and C. M. Ko, "Phi Meson Mass in Hot and Dense Matter", Nucl. Phys. A **572**, 732-748 (1994).
83. X. S. Fang, C. M. Ko, G. Q. Li, and Y. M. Zheng, "The Relativistic Transport Model Description of Subthreshold Kaon Production in Heavy-Ion Collisions", Nucl. Phys. A **575**, 766-790 (1994).
84. Y. M. Zheng, C. M. Ko, X. S. Fang, "Final-State Rescattering of Kaons in Relativistic Nuclear Collisions", Chin. Sci. Bull. **3**, 1074-1080 (1994).
85. G. Q. Li, C. M. Ko, and X. S. Fang, "Subthreshold Antikaon Production in Nucleus-Nucleus Collisions", Phys. Lett. B **329**, 149-156 (1994).
86. C. M. Ko, "Rho Meson Spectral Function in Dense Matter", Phys. Rep. **242**, 453-461

(1994).

87. C. S. Song, C. M. Ko, and C. Gale, "Role of the a_1 Meson in Dilepton Production from Hot Hadronic Matter", Phys. Rev. D **50**, R1827-R1831 (1994).
88. D. Seibert and C. M. Ko, "Hadron Widths in Mixed-Phase Matter", Phys. Rev. C **50**, R559-R562 (1994).
89. G. Q. Li and C. M. Ko, "Antiproton Production in Ni+Ni Collisions at 1.85 GeV/nucleon", Phys. Rev. C **50**, 1725-1728 (1994).
90. G. Q. Li and C. M. Ko, "Quark Condensate in Nuclear Matter", Phys. Lett. B **338**, 118-122 (1994).
91. M. Asakawa and C. M. Ko, "Secondary Phi Meson Peak as an Indicator for the QCD Phase Transition in Ultrarelativistic Heavy Ion Collisions", Phys. Rev. C **50**, 3064-3068 (1994).
92. B. A. Li, C. M. Ko, and G. Q. Li, "Effects of $N^*(1440)$ Resonance on Particle Production in Heavy-Ion Collisions at Subthreshold Energies", Phys. Rev. C **50**, R2675-R2679 (1994).
93. G. Q. Li, C. M. Ko, and B. A. Li, "Kaon Flow as a Probe of the Kaon Potential in Nuclear Medium", Phys. Rev. Lett. **74**, 235-238 (1995). (**129 citations**)
94. G. Q. Li and C. M. Ko, "Can Dileptons Reveal the in-Medium Properties of Vector Mesons?", Nucl. Phys. A **582**, 731-748 (1995).
95. C. M. Ko and G. Q. Li, "Hadrons in Dense Matter", Nucl. Phys. A **583**, 591-598 (1995).
96. G. Q. Li and C. M. Ko, "Subthreshold Kaon Production and the Nuclear Equation of State", Phys. Lett. B **349**, 405-410 (1995).
97. G. Q. Li and C. M. Ko, "Enhancement of Low-m_t Kaons in Heavy Ion Collisions at AGS Energies", Phys. Lett. B **351**, 37-42 (1995).
98. C. S. Song, P. W. Xia, and C. M. Ko, "Effects of $\bar{N}N$ Polarization on Vector Meson Masses at Finite Temperatures", Phys. Rev. C **52**, 408-411 (1995).
99. C. S. Song, S. H. Lee, and C. M. Ko, "Suppression of Dilepton Production in Hot Hadronic Matter", Phys. Rev. C **52**, R476-R479 (1995).
100. B. A. Li and C. M. Ko, "Formation of Superdense Hadronic Matter in High Energy Heavy-Ion Collisions", Phys. Rev. C **52**, 2037-2063 (1995). (**253 citations**)
101. G. Q. Li and C. M. Ko, "Kaon Production Cross Sections from Baryon-Baryon Interactions", Nucl. Phys. A **594**, 439-459 (1995).

102. G. Q. Li and C. M. Ko, "Kaon Flow in Heavy Ion Collisions", Nucl. Phys. A **594**, 460-482 (1995).

103. G. Q. Li, C. M. Ko, and G. E. Brown, "Enhancement of Low Mass Dileptons in Heavy Ion Collisions', Phys. Rev. Lett. **75**, 4007-4010 (1995). (**285 citations**)

104. W. Cassing, W. Ehehalt, and C. M. Ko, "Dilepton Production at SPS Energies", Phys. Lett. B **363**, 35-40 (1995). (**152 citations**)

105. C. S. Song, V. Koch, S. H. Lee, and C. M. Ko, "Thermal Effects on Dilepton Production from $\pi - \pi$ Annihilation", Phys. Lett. B **366**, 379-383 (1996).

106. B. A. Li and C. M. Ko, "Pion Flow and Antiflow in Relativistic Heavy-Ion Collisions", Phys. Rev. C **53**, R22-R24 (1996).

107. C. S. Song and C. M. Ko, "Dilepton Production from Resonance Scattering in Hot Hadronic Matter", Phys. Rev. C **53**, 2371-2375 (1996).

108. B. A. Li and C. M. Ko, "Excitation Functions in Central Au+Au collisions from SIS/GSI to AGS/Brookhaven", Nucl. Phys. A **601**, 457-472 (1996).

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97. F. Li, L. W. Chen, C. M. Ko, and S. H. Lee, "Subthreshold Cascade Production in Heavy Ion Collisions", Proceedings of 11th International Conference on Nucleus-Nucleus Collisions, San Antonio, Texas, May 27 - June 1, 2012, J. Phys.: Conf. ser.

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99. H. Zhang, T. Song, and C. M. Ko, "Effects of Initial Fluctuations on Jet Quenching", Proceedings of 11th International Conference on Nucleus-Nucleus Collisions, San Antonio, Texas, May 27 - June 1, 2012, J. Phys.: Conf. ser. **420**, 012043: 1- 8 (2013).
100. K. Han, R. Fries, and C. M. Ko, "Jet Fragmentation via Recombination of Parton Showers", Proceedings of 11th International Conference on Nucleus-Nucleus Collisions, San Antonio, Texas, May 27 - June 1, 2012, J. Phys.: Conf. ser. **420**, 012044: 1- 4 (2013).
101. C. M. Ko, K. Han, and T. Song, "Quarkonia Production in Relativistic Heavy-Ion Collisions", Proceedings of International Conference on Heavy Ion Collisions in the LHC Era, Qui Nhon, Vietnam, July 15-21, 2012, J. Phys.: Conf. ser. **422**, 012006: 1- 4 (2013).
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105. S. H. Lee, C. M. Ko, and T. Song, "Quarkonium Formation Time in Relativistic Heavy Ion Collisions", Proceedings of 7th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions (Hard Probes 2015) : Montral, Quebec, Canada, June 29-July 3, 2015, edited by C. Gale *et al.*, Nucl. Part. Phys. Proc. 276-278, 137-140 (2016).

INVITED TALKS AT CONFERENCES AND WROKSHOPS:

1. "Statistical Theory of Friction in the Semi-Classical Approach to Strongly Damped Collisions Between Heavy-Ions", International Workshop on Gross Properties of Nuclei and Nuclear Excitations IV, Hirschegg, Austria, January 12-17, 1976.
2. "K^+ Production in Relativistic Nuclear Collisions", Workshop on Nuclear dynamics I, Granibakken, California, March 17-21, 1980.
3. "Heavy-Ion Collisions", International Winter School in Nuclear Physics, Beijing, China, December 22 - January 9, 1981.
4. "Probing Spin Isospin Modes in Nuclei by the (p,n) Reaction", The 3rd International Conference on Nuclear Reaction Mechanisms, Varenna, Italy, June 14-19, 1982.
5. "Kaon Production in Relativistic Heavy-Ion Collisions", International Conference on Hypernuclear and Kaon Physics, Heidelberg, Germany, June, 1982.
6. "Effect of Final State Interaction on Subthreshold K^- Production in Heavy-Ion Collisions", Workshop on Nuclear Dynamics III, Copper Mountain, Colorado, March 5-9, 1984.
7. "Probing Heavy-Ion Collisions with Bremsstrahlung", Workshop on Intermediate Energy Heavy-Ion Physics, Oak Ridge, Tennessee, May, 1985.
8. "Determining Nuclear Equation of State from Subthreshold Kaon Production", Workshop on Nuclear Dynamics IV, Copper Mountain, Colorado, February 22-26, 1986.
9. "Bremsstrahlung Photon as a Probe of Nuclear Stopping Power", American Physical Society Meeting, Washington D. C., April, 1986.
10. "Determining Nuclear Equation of State", International Conference and Symposia on Unified Concepts of Many-Body Problems, Stony Brook, New York, September 4-6, 1986.
11. "Photons from Heavy-Ion Collisions at Intermediate Energies", Fourth Gull Lake Nuclear Physics Meeting on Energetic Products of Heavy Ion Collisions, Michigan, May 17-20, 1987.
12. "Antiproton Production from High Energy Heavy Ion Collisions", Holifield Theory Users Meeting, Oak Ridge, Tennessee, 1987.
13. "Relativistic Vlasov Equation for Heavy Ion Collisions", Workshop on High Temperature QCD and Relativistic Many-Body Theory, Minneapolis, Minnesota, October 8-10, 1987.
14. "Relativistic VUU Model for Heavy Ion Collisions", 8th High Energy Heavy Ion Study,

Berkeley, California, November 16-20, 1987.

15. "K^+/π^+ Enhancement in Heavy Ion Collisions", Winter Workshop on Nuclear Dynamics V, Sun Valley, Idaho, February 22-26, 1988.
16. "K/π as a Signature for Quark Gluon Plasma", International Conference on High and Intermediate Energy Nuclear Physics, Taipei, Taiwan, May 23-27, 1988.
17. "Relativistic Transport Theory", Diogene Workshop on Nuclear Equation of State, Saclay, France, June, 1988.
18. "Relativistic Vlasov-Uehling-Uhlenbeck Model for High Energy Heavy Ion Collisions", International Workshop on Nuclear Dynamic at Medium and High Energies, Bad Honnef, Germany, October 10-14, 1988.
19. "Relativistic Transport Theory for High Energy Heavy Ion Collisions", XII Symposium on Nuclear Physics, Oaxtepec, Mexico, January 3-6, 1989.
20. "Dilepton as a Probe to Pion Dynamics and Quark-Gluon Plasma", International Workshop XVII on Gross Properties of Nuclei and Nuclear Excitations, Hirschegg, Austria, January 16-21, 1989.
21. "Relativistic VUU for Heavy-Ion Collisions", NATO Advanced Study Institute on The Nuclear Equation of State, Peniscola, Spain, May 22 - June 3, 1989.
22. "Dielectron Production from Nuclear Reactions", Rio de Janeiro International Workshop on Relativistic Aspects of Nuclear Physics, Rio de Janeiro, Brazil, August 28-30, 1989.
23. "Medium Dependence of Nucleon-Nucleon Interaction", International Workshop XVIII on Gross Properties of Nuclei and Nuclear Excitations, Hirschegg, Austria, January 15-20, 1990.
24. "Kaon Enhancement as an Evidence for Chiral Restoration in Hot Dense Nuclear Matter Formed in Heavy Ion Collisions", Heavy Ion Physics at the AGS, Brookhaven, New York, March 5-7, 1990.
25. "Dilepton as a Probe of Dense Nuclear Matter", Pittsburgh Workshop on Soft Lepton Pair Production, Pittsburgh, September 6-8, 1990.
26. "Strangeness in Hot and Dense Matter", International Workshop on High Density Nuclear Matter, KEK, Japan, September 18-21, 1990.
27. "The Cooling of Antiprotons in Nuclear Matter", Seventh Winter Workshop on Nuclear Dynamics, Key West, Florida, January 26 - February 2, 1991.
28. "Strangeness Production in Heavy-Ion Collisions", International Symposium on High

Energy Nuclear Collisions and Quark Gluon Plasma, Kyoto, Japan, 1991.

29. "Rho Meson in Dense Hadronic Matter", Second Rio de Janeiro International Workshop on Relativistic Aspects of Nuclear Physics, Rio de Janeiro, Brazil, August 28-30, 1991.
30. "Meson Dynamics in Heavy Ion Collisions", Workshop on Mesons in Nuclei, Seattle, Washington, November 4-8, 1991.
31. "Review of Dilepton Physics at Bevalac/SIS Energies Experiments", Third Workshop on a Dilepton/Real Photon Program at SIS, Giessen, Germany, November 21-22, 1991.
32. "Enhancement of Antilambda Production in Dense Matter", Eighth Winter Workshop on Nuclear Dynamics, Jackson Hole, Wyoming, January 18-25, 1992.
33. "Rho Meson in Dense Matter", International Conference on Realistic Nuclear Structure, Stony Brook, New York, May 28-30, 1992.
34. "Probing Dense Hadronic Matter in Heavy Ion Collisions", International Workshop on Intermediate and High Energy Nuclear Physics, Beijing, China, August 24-28, 1992.
35. "Particle Production and Propagation in Dense Matter", Workshop on Heavy-Ion Physics at the AGS, Boston, Massachusetts, January 13-15, 1993.
36. "Kaon Production and Propagation in Dense Matter Formed in Heavy Ion Collisions at Subthreshold Energies", International Workshop XXI on Gross Properties of Nuclei and Nuclear Excitations, Hirschegg, Austria, January 18-23, 1993.
37. "Rho Meson in Dense Matter", Ninth Winter Workshop on Nuclear Dynamics, Key West, Florida, January 30 - February 6, 1993.
38. "In-Medium Strangeness Production", Topical Workshop on Meson Production in Nuclear Collisions, Darmstadt, Germany, May, May 5-8, 1993.
39. "Dilepton as a Signature for the Quark-gluon Plasma", Nordic Workshop on Relativistic Heavy Ion Reaction Theory, Bergen, Norway, June 9-13, 1993.
40. "Transport Theory of Heavy-Ion Collisions: Present Status and Future Development", Workshop on Meson-Nucleus Dynamics at Intermediate and High Energies, Argonne, Illinois, August 2-6, 1993.
41. "Signals for the QCD Phase Transition", Conference on Strong Interactions at Finite Temperature, Santa Barbara, California, August 16-20, 1993.
42. "Medium Effects On Heavy-Ion Dynamics", Workshop on Pre-equilibrium Parton Dynamics, Berkeley, California, August 23 - September 3, 1993.
43. "Dilepton Production in Heavy Ion Collisions", 9th High-Energy Heavy-Ion Study,

Berkeley, California, October 25-29, 1993.

44. "Vector Mesons in Dense Matter", Workshop on Mesons and Baryons in Hadronic Matter, ECT*, Trento, Italy, February 14-25, 1994.
45. "In-Medium Effects and Their Consequences in Relativistic transport Model Calculations", Fourth Workshop on Dilepton Program at SIS, Darmstadt, Germany, March 2-4, 1994.
46. "Relativistic Heavy-Ion Collisions", Spring School on Nuclear Physics, Taipei, Taiwan, May 12-14, 1994.
47. "Hadrons in Dense Matter", International Conference on Nucleus-Nucleus Collisions V, Taormina, Italy, May 30 - June 4, 1994.
48. "Chiral Restoration in Heavy-Ion Collisions", International Symposium on Medium Energy Physics, Beijing, China, August 22-26, 1994.
49. "Particle Properties in Medium and Their Effects on the Observed Spectra", International Workshop on Multiparticle Correlations and Nuclear Reactions, Nantes, France, September 5-9, 1994.
50. "Hadron Properties in Medium and Heavy Ion Collisions", Workshop on Hot and Dense Nuclear Matter, Seattle, Washington, September 18 - October 7, 1994.
51. "Experimental Consequences of Medium Effects in Heavy-Ion collisions", Workshop on QCD Sum Rules For Nuclear System at Finite Density and Temperature, Seattle, Washington, September 30 - October 1, 1994.
52. "Strangeness Production in Hot Dense Matter", Workshop on Strangeness in Hadronic Matter, Tucson, Arizona, January 4-7, 1995.
53. "Meson Properties in Medium and Dilepton Production", International Workshop XXIII on Gross Properties of Nuclei and Nuclear Excitations, Hirschegg, Austria, January 16-21, 1995.
54. "Signatures of Chiral Symmetry Restoration in Heavy Ion Collisions", Symposium on Future Perspectives of Heavy-Ion Physics, Darmstadt, Germany, May 17, 1995.
55. "Dilepton Production from SPS Heavy Ion Collisions", Workshop on Dileptons from Heavy Ion Collisions, Darmstadt, Germany, July, 1995.
56. "Hot and Dense Hadronic Matter", International Nuclear Physics Conference, Beijing, China, August 21-26, 1995.
57. "Strangeness in Heavy Ion Collisions", International Symposium on Heavy Ion Physics and Its Applications, Lanzhou, China, August 29 - September 1, 1995.

58. "Possible Evidence for Dropping Rho Meson Mass in Dense Matter", Max Born Symposium on Critical Phenomena in Strongly Interacting Matter, Wroclaw, Poland, October 13-15, 1995.
59. "Particle Production from Hot Dense Matter in Relativistic Heavy Ion Collisions", XXXIV International Winter Meeting on Nuclear Physics, Bormio, Italy, January 22-27, 1996.
60. "Dropping Vector Meson Masses in Medium and Low-Mass Dileptons from Heavy-Ion Collisions", Workshop on Dileptons from Heavy Ion Collisions, GSI, Darmstadt, Germany, February 8-9, 1996.
61. "Low-Mass Dileptons from Heavy Ion Collisions", American Physical Society Meeting, Indianapolis, Indiana, May, 1996.
62. "Kaon Flow in Heavy Ion Collisions", International Workshop on Strangeness in Hadronic Matter, Budapest, Hungary, May 15-17, 1996.
63. "Dilepton Production and the Dropping Rho Meson Mass", International Workshop on Hadron in Dense Matter, GSI, Darmstadt, Germany, July, 1996.
64. "Relativistic Heavy-Ion Collisions", Ninth Summer School and Symposium on Nuclear Physics, Kwangju, Korea, August 19-23, 1996.
65. "Medium Effects in Heavy Ion Collisions", Workshop on Space-Time Description of Heavy Ion Collisions, East Lansing, Michigan, May 28-31, 1997.
66. "Dileptons from Pion-Rho Scattering", International Workshop on Hadrons in Dense Matter, GSI, Darmstadt, Germany, July 2-4, 1997.
67. "Studying Hadron In-Medium Properties in Heavy Ion Collisions", Workshop on Hadron Systems at High Temperature and/or High Density, Argonne, Illinois, August 4-8, 1997.
68. "Does a Dropping Rho Mass Give Too Many Low-Mass Dileptons?", International Workshop on Soft Dilepton Production, Berkeley, August 20-22, 1997.
69. "Properties of Hadrons in the Nuclear Medium", 5th International Workshop on Relativistic Aspects of Nuclear Physics, Rio de Janeiro, Brazil, August 22-29, 1997.
70. "Hadron Properties in Hot Dense Matter", APCTP Workshop on Astro-Hadron Physics, Seoul, Korea, October 25-30, 1997.
71. "Phi Meson Production in Hot Dense Matter", XXXVI International Winter Meeting on Nuclear Dynamics, Bormio, Italy, January 26-31, 1998.
72. "Medium Effects in Heavy Ion Collisions", American Chemistry Society Meeting,

Dallas, Texas, March, 1998.

73. "Meson Mass in Nuclear Medium", Gordon Research Conference on Nuclear Chemistry, New London, New Hampshire, June 14-19, 1998.
74. "Description of Heavy Ion Collisions", International School on Nuclear Physics, Erice, Italy, September 17-25, 1998.
75. "Role of Baryons in Low-Mass Dilepton Production", Workshop on Electromagnetic Probes of In-Medium Effects in Strongly Interacting Systems, ETC*, Trento, Italy, March 15-26, 1999.
76. "Heavy Ion Collisions: Nuclear Matter under Extreme Conditions", Symposium on Physics of Finite Systems, Hamilton, Canada, June 19, 1999.
77. "Flow of Strange Particles and Medium Effects in Relativistic Heavy Ion Collisions", International Conference on Strangeness in Quark Matter, Berkeley, July 20-25, 2000.
78. "Charmonium Interactions in Hadronic Matter", International Workshop on Relativistic Aspects of Nuclear Physics, Tabatinga, Brazil, October 16-19, 2000.
79. "Hot Dense Matter in Heavy Ion Collisions", Xth Jorge Andre Swieca Summer School, Sao Paulo, Brazil, February 4-14, 2001.
80. "Strangeness Equilibration in Heavy Ion Collisions", International Conference on Non-Equilibrium and Nonlinear Dynamics in Nuclear and Other Finite Systems, Beijing, China, May 21-25, 2001.
81. "Strangeness Equilibration in Hot Dense Hadronic Matter", International Workshop on Strangeness Production in Nuclear Collisions from 1 to 200 GeV, Trento, Italy, June 11-16, 2001.
82. "Modeling Heavy Ion Collisions at RHIC", International Workshop on Nuclear Many Body Problems and Subnucleonic Degrees of Freedom, Heavy Ion Collider", Changchun, China, July 2-6, 2001.
83. "Multiphase Transport Model for Heavy Ion Collisions at RHIC", International Workshop on the Physics of the Quark-Gluon Plasma, Paris, September 4-7, 2001.
84. "Multiphase Transport Model for RHIC", Workshop on Quantum Transport in Relativistic Heavy Ion Collisions, Giessen, Germany, November 8-10, 2001.
85. "Partonic Effects in Heavy Ion Collisions at RHIC", International Workshop on Quark and Hadron Dynamics in Relativistic Heavy Ion Collisions, Budapest, Hungary, March 3-7, 2002.
86. "Tracing Charmonium Evolution at RHIC", International Workshop on Charm Pro-

duction from Threshold via SPS to RHIC and LHC, Trento, Italy, June 17-22, 2002.

87. "Predictions From AMPT", INT/RHIC Winter Workshop on First Two Years of RHIC: Theory versus Experiments, Seattle, Washington, December 13-15, 2002.
88. "Parton Coalescence at RHIC", INT Program on First Three Years of Heavy-Ion Collisions at RHIC, Seattle, Washington, April 28-May 2, 2003.
89. "A Multiphase Transport Model", International Workshop on Transport Model for Heavy Ion Collisions, Trento, Italy, May 18-24, 2003.
90. "Symmetry Energy Effects in Heavy Ion Collisions", International Conference on Topics in Heavy Ion Collisions", Montreal, Canada, June 24-28, 2003.
91. "Transport Model for Heavy Ion Collisions", International School on Nuclear Physics, Erice, Italy, September 16-24, 2003.
92. "Cross Sections for Pentaquark Baryon Production in Photonucleon Reactions", Penta-Quark 2003 Workshop, Jefferson Lab, Newport News, Virginia, November 6-8, 2003.
93. "Transport Model Description of Flows at RHIC", RIKEN BNL Workshop on Collective Flow and QGP Properties, Brookhaven National Laboratory, November 17-19, 2003.
94. "Quark Coalescence Model", Institute for Nuclear Theory Miniworkshop on Quark Recombination, December 8-10, 2003.
95. "From Quark-Gluon Plasma to Pentaquark Baryons", International Workshop on Pentaquarks, Heavy-Light Hadrons and Dense/Hot Matter, Seoul, South Korea, May 6-8, 2004.
96. "Pentaquark Baryon Production in Nuclear Reactions", Workshop on Strangeness and Exotica at RHIC, Brookhaven National Laboratory, New York, May 14, 2004.
97. "Pentaquark Baryon Production in Nuclear Reactions", International Workshop on Pentaquark, SPring-8, Japan, July 20-23, 2004.
98. "Quark Coalescence at RHIC", STAR Collaboration Workshop, Beijing, China, August 9-13, 2004.
99. "Theoretical Models for Relativistic Heavy Ion Collisions", Proceedings of 32nd International Conference on High Energy Physics, Beijing, China, August 16-22, 2004.
100. "Quark Coalescence at RHIC", XLIII International Winter Meeting on Nuclear Physics, Bormio, Italy, March 13-20, 2005.
101. "Determining the Density Dependence of the Symmetry Energy: Theoretical Per-

spectives", Workshop on Nuclear Equation of State for Nuclei, Neutron Stars and Supernovae, Jonesboro, Arkansas, April 14, 2005.

102. "Heavy Flavor Flow", RHIC II Heavy Flavor Meeting, Brookhaven National Laboratory, Upton, New York, April 28, 2005.
103. "Hadronization via Coalescence", Chinese STAR Collaboration Summer School, Wuhan, China, June 20, 2005.
104. "Quark Coalescence and the Scaling of Hadron Elliptic Flow", Chinese STAR Collaboration Workshop, Wuhan, China, June 21-24, 2005.
105. "Anisotropic Flow in Relativistic Heavy Ion Collisions", Eastern Forum on International Collaboration for High Energy Nuclear Physics and China's Opportunity, Shanghai, China, June 28-29, 2005.
106. "Transport Model Study of HBT at RHIC", International Workshop on Particle Correlations and Femtoscopy, Kromeriz, Czech Republic, August 13-15, 2005.
107. "Parton Hadronization in Medium", International Workshop on Parton Propagation Through Strongly Interacting Matter, Trento, Italy, September 26 - October 7, 2005.
108. "Paronic Degree of Freedom and Hadronization Dynamics at RHIC", International Conference on Strangeness in Quark Matter, Los Angeles, March 26-31, 2006.
109. "Collective Dynamics in Heavy Ion Collisions at FAIR", International Workshop on the Physics of High Density Matter, Trento, Italy, May 29 - June 2, 2006.
110. "Quark Coalescence in Relativistic Heavy Ion Collisions", Gordon Research Conference in Nuclear Chemistry, New London, New Hampshire, June 4-9, 2006.
111. "Viscous Effects on Flow at RHIC", AGS/RHIC Users' Meeting Workshop, Brookhaven National Laboratory, Upton, New York, June 5-9, 2006.
112. "Suppression of Heavy Quarks in Heavy-Ion Collisions", Second International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions, Pacific Grove, California, June 9-16, 2006.
113. "Searching for the Quark-Gluon Plasma in Relativistic Heavy Ion Collisions", Summer School on Nuclear Collective Dynamics III, Istanbul, Turkey, June 12-16, 2006.
114. "Jet Conversions in the Quark-Gluon Plasma", International Symposium on Multiparticle Dynamics, Paraty, Brazil, September 2-7, 2006.
115. "Heavy Ion Collisions at LHC in a Multiphase Transport Model", International Workshop on Particle Correlations and Femtoscopy, Sao Paulo, Brazil, September 9-11, 2006.

116. "Partonic Transport Description of Heavy Ion Collisions", The 19th International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions, Shanghai, China, November 14-20, 2006.
117. "Heavy Quark Three-Body Scattering in QGP", International Workshop on Selected Topics in Heavy Flavor Production in High-Energy Collisions, Beijing, China, November 22-23, 2006.
118. "Predictions of the AMPT Model for LHC", International Workshop on Predictions for Heavy Ion Collisions at LHC, CERN, May 29 - June 2, 2007.
119. "Jet Conversions in QGP", 7th International Workshop on Particle Physics Phenomenology, Taipei, Taiwan, June 7 - 10, 2007.
120. "Jet Conversions in QGP", 10th International Workshop on Relativistic Nuclear Physics from Hundreds MeV to TeV, Kiev, Ukrain, June 18-22, 2007.
121. "Partonic Effects in Heavy Ion Collisions at FAIR", 4th International Workshop on Critical Point and the Onset of Deconfinement, Darmstadt, Germany, July 9-13, 2007.
122. "Jet Conversions in QGP", International Conference on Early Time Dynamics in Heavy Ion Collisions, Montreal, Canada, July 16-19, 2007.
123. "Recent Results from the AMPT Model", International Workshop on Particle Correlations and Fluctuations, Sonona, California, August 1-3, 2007.
124. "Thermal Charm Production at LHC", International Symposium on Multiparticle Dynamics, Berkeley, California, August 4-9, 2007.
125. "Charm Production in Relativistic Heavy Ion Collisions", APCTP Focus Program on Hadronic Physics at RHIC, Seoul, Korea, December 3-14, 2007.
126. "Predictions for Heavy Ion Collisions at LHC", International Workshop on Heavy Ion Physics at LHC, Wuhan, China, May 21-24, 2008.
127. "Recent Progress and New Challenges in Isospin Physics with Heavy-Ion Reactions", International Conference on Nuclear Physics and Astrophysics: From Stable Beams to Exotic Nuclei, Cappadocia, Turkey, June 25-30, 2008.
128. "Relativistic Heavy Ion Collisions and Hot Dense Matter", Summer School on Nuclear Collective Dynamics IV, Istanbul, Turkey, June 29 - July 4, 2008.
129. "Exotic Particle Production in Relativistic Heavy Ion Collisions", The International Workshop on QCD Phase Transition and Heavy Ion Collisions, Hefei, China, July 10-13, 2008.
130. "Charm as a Probe of sQGP", Symposium in Honor of the Scientific Career of John M.

Alexander, American Chemical Society Meeting, Philadelphia, August 18-19, 2008.

131. "Charm as a Probe of QGP", Eighth International Workshop on Relativistic Aspects of Nuclear Physics, Rio de Janeiro, Brazil, November 3-6, 2008.
132. "Charm as a Probe of QGP", International Workshop on Heavy Quark Physics in Nucleus-Nucleus Collisions, Los Angeles, California, January 22-24, 2009.
133. "Transport Models for Heavy Ion Collisions: From Below Coulomb Barrier to Ultra-relativistic Energies", International Symposium on Penetrating Physics by Random Matrices, Cuernavaca, Mexico, March 2-6, 2009.
134. "Probing Dense Nuclear Matter by Heavy Ion Collisions", International Workshop on High-Order Actions and Their Applications in Many-Body, Few-Body, and Classical Problems, Barcelona, Spain, March 24-26, 2009.
135. "Charms in Heavy Ion Collisions", ECT* Workshop on Heavy-Quarkonium Production in Heavy-Ion Collisions, Trento, Italy, May 23-29, 2009.
136. "Transport Model Studies of the Baryon-Rich Quark-Gluon Plasma Formed in Heavy Ion Collisions", 5th International Workshop on Critical Point and Onset Of Deconfinement, Brookhaven National Laboratory, Upton, New York, June 8-12, 2009.
137. "Charms in Heavy Ion Collisions", XXVI Max Born Symposium on Strong Interactions, Wroclaw, Poland, July 9-11, 2009.
138. "Probing QCD Phase Diagram in Relativistic Heavy Ion Collisions", International Seminars on Strong Interaction Physics, Seoul, Korea, July 27-31, 2009.
139. "Recent Progress in Isospin Physics and the Nuclear Symmetry Energy", International Seminars on Strong Interaction Physics, Seoul, Korea, July 27-31, 2009.
140. "Particle Production in Heavy Ion Collisions", Workshop on Relativistic Heavy Physics, Wei Hai, Hepei, China, August 9-14, 2009.
141. "Transport model Study of Deuteron Production in Relativistic Heavy Ion Collisions", International Conference on Nucleus-Nucleus Collisions, Beijing, China, August 16-21, 2009.
142. "Isospin-Dependent Pion In-Medium Effects on Charged Pion Ratio in Heavy ion Collisions", International Workshop on Isospin Dynamics and Nuclear Symmetry Energy", Shanghai, China, August 22-25, 2009.
143. "Particle Production and Nucleon Stopping in AMPT Model" Symposium on Proton-Proton Interactions, Frankfurt, Germany, February 14-17, 2010.
144. "Strings, Jets and Quark Coalescence in Transport Models", International Workshop

on Critical Examination of RHIC Paradigms, Austin, Texas, April 14-17, 2010.

145. "Overview of Relativistic Heavy Ion Collisions", International Workshop on Exotics in Heavy Ion Collisions, Kyoto, Japan, May 17-29, 2010.
146. "Exotic Hadrons from Heavy Ion Collisions", International Mini-Symposium on Exotics in Heavy Ion Collisions, Kyoto, Japan, May 19, 2010.
147. "Charmonium Production and Elliptic Flow in Relativistic Heavy Ion Collisions", International Workshop on Hot and Cold Baryonic Matter, Budapest, Hungary, August 15-20, 2010.
148. "Identified Hadrons of Intermediate and High Transverse Momenta in Relativistic Heavy Ion Collisions", International Workshop on Interplay between Soft and Hard Interactions in Particle Production at Ultra-Relativistic Energies, Catania, Italy, September 8-10, 2010.
149. "Triangular Flow in Relativistic Heavy Ion Collisions", International Workshop on In-Medium Effects in Hadronic and Partonic Systems, Obergurgl, Austria, February 21-25, 2011.
150. "Hadronziation by Quark Coalescence", Jet and Electromagnetic Tomography Summer School, Duke University, Durham, North Carolina, June 15-17, 2011.
151. "Pion Production in Transport Models", International Symposium on Nuclear Symmetry Energy, Smith College, Northampton, Massachusetts, June 17-20, 2011.
152. "Triangular flow in Relativistic Heavy Ion Collisions", Workshop on QCD Phase Transitions and Relativistic Heavy Ion Collisions, Hangzhou, China, July 18-20, 2011.
153. "Quarkonia Production in HIC", International Symposium on Non-equilibrium Dynamics, Heraklion, Crete, Greece, August 31 - September 3, 2011.
154. "Anisotropic Flows and Dihadron Correlations in Heavy Ion Collisions", International Workshop on Particle Correlations and Femtoscopy, Tokyo, Japan, September 20-24, 2011.
155. "Quarkonia Production in Heavy Ion Collisions", International Conference on Primordial QCD Matter in LHC Era, Cairo, Egypt, December 4-8, 2011.
156. "Exotic Hadrons Production in HIC", Workshop on Hyperon-Hyperon Interactions and Searches for Exotic Di-Hyperons in Nuclear Collisions, Brookhaven National Laboratory, Upton, New York, February 29 -March 2, 2012.
157. "Resonances In AMPT", Workshop on Hadronic Resonance Production in Heavy Ion and Elementary Collisions, Austin, Texas, March 5-7, 2012.

158. "Anisotropic Flows in HIC", Symposium on Cosmo, Cancer, Criticality and Chromoplasmology, Seattle, Washington, May 6, 2012.
159. "Dihadron Correlations in AMPT", Workshop on the Ridge Correlation in High-Energy Collisions at RHIC and LHC, Seattle, Washington, May 7-11, 2012.
160. "Probing the Nuclear Symmetry Energy with Rare Isotope Beams", Workshop on Rare Isotope Physics Theory, Daejean, Korea, May 10-11, 2012.
161. "Why Particles and Antiparticles Flow Differently?", Symposium on Contemporary Subatomic Physics, Montreal, Canada, June 12-14, 2012.
162. "Effects of Hadronic Mean-Field Potentials on Elliptic Flows in HIC", Second International Symposium on Non-Equilibrium Dynamics, Heraklion, Greece, June 25-30, 2012.
163. "Anisotropic Flows and Dihadron Correlations in AMPT", Workshop on Initial State Fluctuations and Final State Correlations in Heavy-Ion Collisions, Trento, Italy, July 2-6, 2012.
164. "Quarkonia Production in Relativistic Heavy Ion Collisions", Conference on Heavy Ion Collisions in the LHC Era, Qui Nhon, Vietnam, July 15-21, 2012.
165. "Mean-Field Effects on Elliptic Flow in Relativistic Heavy Ion Collisions", Bertsch Symposium on Nuclear Physics, Seattle, Washington, September 6-9, 2012.
166. "Elliptic Flow of Baryon-Rich Matter", The 3rd International Workshop on Nuclear Dynamics in Heavy-Ion Collisions, Shenzhen, China, December 16-19, 2012.
167. "On Physics and Status of AMPT", International Workshop on Particle Production in Proton-Proton Interactions and Beyond, Bad Liebenzell, Germany, April 19 - May 3, 2013.
168. "Elliptic Flow Difference between Particles and Antiparticles and The EOS of Baryon-Rich Matter", XXXI Max Born Symposium and HIC for FAIR Workshop on Critical Behavior in Hot Dense QCD, Wroclawski, Poland, June 14-16, 2013.
169. "Hadronization via Coalescence in the AMPT Approach", International Workshop on Transport Theory in Heavy Ion Collisions, Frankfurt, Germany, July 15 - 17, 2013.
170. "Elliptic Flow as a Probe of the QCD Phase Diagram at Finite Chemical Potential", 10th International Workshop on QCD Phase Transition and Relativistic Heavy Ion Physics, Chengdu, Sichuan, China, August 8 - 10, 2013.
171. "Fluctuations and Correlations in AMPT", 2nd Workshop on Initial Fluctuations and Final Correlations, Chengdu, China, August 11 - 14, 2013.

172. "Elliptic Flow of Baryon-Rich Matter", The 9th International Workshop on Relativistic Aspects of Nuclear Physics, Rio de Janeiro, Brazil, September 23 - 27, 2013.
173. "Mean-Field Effects in Hot Dense Matter", Tribute to Gerald E. Brown Conference, Stony Brook, New York, November 24 - 26, 2013.
174. "Elliptic flow as a probe of the properties of baryon-rich QGP", International Workshop on New Frontiers in QCD, Kyoto, Japan, December 2 - 6, 2013.
175. "Particle Production in Heavy Ion Collisions", International Workshop on Simulations of Low and Intermediate Energy Heavy Ion Collisions, Shanghai, China, January 8-12, 2014.
176. "Jet Fragmentation via Shower Parton Recombination", Third International Symposium on Non-Equilibrium Dynamics, Hersonissos, Crete, Greece, June 9-14, 2014.
177. "Effects of Medium Modification of Pion Production Threshold in Heavy Ion Collisions and the Nuclear Symmetry Energy", The 4th International Workshop on Nuclear Dynamics in Heavy-Ion Collisions, Lanzhou, China, August 15-19, 2014.
178. "Baryon-Rich Matter in Heavy-Ion Collisions", Workshop on High Temperature and High Density Nuclear Matter Study, Weihai, Shandong, China, August 19-22, 2014.
179. "Quarkonium Formation Time in Heavy Ion Collisions", Jet Symposium, Montreal, Canada, June 26-27, 2015.
180. "(Anti)nulcei Production and Flow in Ultra-Relativistic Heavy-Ion Collisions", EMMI Workshop on Anti-Matter, Hyper-Matter and Exotic Production at the LHC, CERN, Geneva, Switzerland, July 20-22, 2015.
181. "Light Nuclei Production and Flow in Relativistic Heavy Ion Collisions", Heavy Ion Conference, Shanghai, China, August 14 - 15, 2015.
182. "Jet Fragmentation in a Hot Medium", 11th International Workshop on QCD Phase Transition and Relativistic Heavy Ion Physics, Harbin, China, August 17 - 19, 2015.
183. "Quarkonium Formation Time in Heavy Ion Collisions", 2nd International Workshop on Heavy Flavor Productions in High Energy Collisions, Beijing, China, September 24 - 25, 2015.
184. "Light Nuclei Production in Relativistic Heavy Ion Collisions", International Workshop on Exotic Hadrons from High Energy Collisions", Kyoto, Japan, March 23 - 25, 2016.
185. "Anomalous Transport Study of Chiral Magnetic Effect in Heavy Ion Collisions", International Workshop on Nuclear Dynamics in Heavy-Ion Reactions", Xinxiang,

Henan, China, May 15 - 20, 2016.

186. "Effects of Medium Modification of Pion Production Threshold in Heavy Ion Collisions and the Nuclear Symmetry Energy", The 6th International Symposium on Nuclear Symmetry, Beijing, China, June 13 - 17, 2016.
187. "Theoretical Challenges at RHIC", QCD Workshop, Shanghai, China, August 5 - 6, 2016.

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1. Jian-Qian Wu (Ph.D. 1987, Michigan State University): 1987 - 1989; Teleco Oilfield Services
2. Linhua Xia (Ph.D. 1987, Nankai University): 1988 - 1991; President, Qingdao University
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10. Subrata Pal (Ph.D. 1997, Saha Institute of Nuclear Physics); 2000 - 2002; Associate Professor, Tata Institute of Fundamental Research
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17. Taesoo Song (Ph.D. 2004, Yonsei University): 2010 - 2013; Research Associate, Frankfurt Institute for Advanced Studies
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1. Li Xiong: Ph.D. 1991; Radiologist, Harvard Medical School
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3. Pei-Wen Xia: Ph.D. 1997; Project Manager, Schlumberger
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7. Tien-Gang Di: M.Sc. 2002
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