

## Invited Talks Presented at Conferences

1. "Energy dependence of peripheral heavy ion reactions"  
Bull. Am. Phys. Soc. **22** (1977) 72.
2. "Trends of cross sections induced by  $^{16}\text{O}$  ions of 140, 315 and 33600 MeV: transition between deeply inelastic scattering and fragmentation?"  
Proceedings of the International Workshop on "Gross Properties of Nuclei and Nuclear Excitations V", held at Hirschegg, Austria, January 17-22, 1977, p. 58.
3. "Intermediate energy heavy ions - from the low energy perspective"  
Proceedings of the "Fourth High Energy Heavy Ion Summer Study", held at Berkeley, July 24-28, 1978, Lawrence Berkeley Laboratory, Report LBL 7766 (1978).
4. "Heavy ion reactions at intermediate energy: observations, extrapolations, speculations"  
Proceedings of the "Symposium on Heavy Ion Physics from 10 to 200 MeV/amu" held at Brookhaven National Laboratory, July 1979, Brookhaven National Laboratory Report BNL - 51115 (1979), p. 1.
5. "Giant resonance excitations by heavy ions: present status and future possibilities"  
Proceedings of the "Giant Multipole Resonance Topical Conference" held at Oak Ridge, October 1979, edited F.E. Bertrand, Harwood Academic Publishers, New York 1980, p. 333.
6. "Heavy ion reactions at  $E/A > 10$  MeV/nucleon"  
Proceedings of the "Symposium on Deep-Inelastic and Fusion Reactions with Heavy Ions" held at the Hahn-Meitner Institut für Kernforschung, Berlin, October 1979, Lecture Notes in Physics, Vol. 117, edited W. von Oertzen, p. 207.
7. "Continuum spectra and light particle emission at incident energies above 10 MeV/u"  
Proceedings of the "International Symposium on Continuum Spectra of Heavy Ion Reactions" held at San Antonio, December 1979, edited by T. Tamura, J.B. Natowitz and D.H. Youngblood, Harwood Academic Publishers, New York 1980, p. 201.
8. "The (r)evolution of nucleus - nucleus interactions between 10 and 200 MeV/nucleon"  
Symposium on Reactions in the Intermediate Energy Region with Nuclear and Mesonic Projectiles, 179th ACS National Meeting, held at Houston, March 24-27, 1980, unpublished.
9. "Giant resonance excitations with heavy ions: a critical review"  
Gordon Research Conference on Photonuclear Reactions, held at Tilton, New Hampshire, August 1980, unpublished.
10. "Recent low energy experiments"  
Bevalac Nuclear Science Program Advisory Committee Meeting, Lawrence Berkeley Laboratory, December 11-13, 1980, unpublished.

11. "Preequilibrium processes and multi-particle final states in heavy-ion reactions at 10-20 MeV/n"  
Proceedings of the Fourth Oaxtepec Symposium on Nuclear Physics, held at Oaxtepec, Mexico, January 5-7, 1981, Notas de Fisica, Vol. 4, No. 1, (1981) p. 27.
12. "Preequilibrium light particle emission in  $^{16}\text{O}$  induced reactions between 140 and 315 MeV"  
Symposium on Heavy Ion Reaction Mechanisms, 181st National Meeting of The American Chemical Society, held at Atlanta, March 29-April 3, 1981, unpublished.
13. "Light particle emission in intermediate energy reactions"  
Gordon Research Conference on Nuclear Structure, held at Plymouth, New Hampshire, August 10-14, 1981, unpublished.
14. "Light particle correlations in intermediate energy heavy ion collisions"  
Proceedings of the "International Conference on Selected Aspects of Heavy Ion Reactions", held at Saclay, May 1982, edited M. Martinot, C. Ngô, and P. Gugenberger  
Nucl. Phys. **A387** (1982) 79c.
15. "Light fragment production in intermediate energy heavy ion reactions"  
Symposium on Production of Light Fragments, 185th National Meeting of the American Chemical Society, held at Seattle, March 20-25, 1983, unpublished.
16. "New results at intermediate energies"  
Proceedings of the "International Conference on Nucleus-Nucleus Collisions", held at East Lansing, September 26-October 1, 1982, edited by G.F. Bertsch, C.K. Gelbke, and D.K. Scott  
Nucl. Phys. **A400** (1983) 473c.
17. "Linear momentum transfer and non-compound particle emission in heavy ion induced reactions at 20-35 MeV per Nucleon"  
Bull. Am. Phys. Soc. **28** (1983) 964.
18. "Formation and decay of localised excitations in nuclei"  
Colloque Ganil, held at Giens, France, May 20-25, 1984, unpublished.
19. "Study of fast particle emission from heavy ion induced reactions"  
Proceedings of the Workshop on Coincident Particle Emission from Continuum States, held at Bad Honnef, West Germany, June 4-7, 1984, edited by H. Machner and P. Jahn, World Scientific Publishing Co., Singapore, 1984, p. 230.
20. "Experimental signatures for the formation and decay of localized regions of high excitation in nucleus-nucleus collisions"  
Proceedings of the 1984 INS-RIKEN International Symposium on Heavy Ion Physics, held at Mt. Fuji, Japan, August 27-31, 1984, edited by S. Kubono, M. Ishihara, and M. Ichimura  
J. Phys. Soc. Jpn. **54** (1985) Suppl. II, 376.

21. "Formation and decay of local excitations in nuclei"  
Proceedings of the First International Workshop on Local Equilibrium in Strong Interaction Physics, held at Bad Honnef, West Germany, September 3-6, 1984, edited by D.K. Scott and R.H. Weiner, World Scientific Publishing Co., Singapore, 1985, p. 307.
22. "Non-compound light particle correlations in intermediate energy nucleus-nucleus collisions"  
Proceedings of the Fifth Adriatic Conference on Nuclear Physics, "Fundamental problems in Heavy Ion Collisions", held at Hvar, Yugoslavia, September 24-29, 1984, edited by N. Cindro, W. Greiner and R. Caplar, World Scientific Publishing Co., Singapore, 1984, p. 321.
23. "Formation and decay of localized regions of high excitation in intermediate-energy nucleus-nucleus collisions"  
Gordon Research Conference on Nuclear Chemistry, held at New London, New Hampshire, June 17-21, 1985, unpublished.
24. "Quantum (statistical?) effects in light particle correlations at small relative momenta"  
Workshop on Intermediate Energy Heavy Ion Physics, held at Oak Ridge, Tennessee, September 23-25, 1985, unpublished.
25. "Thermodynamic properties of heavy ion reactions at 10-100 MeV/u"  
XII European Conference on the Physics and Chemistry of Complex Nuclear Reactions, held at Neve Ilan, Israel, October 13-18, 1985, unpublished.
26. "Quantum statistical aspects of nonequilibrium particle emission in intermediate-energy nucleus-nucleus collisions"  
Quantum Chaos and Statistical Nuclear Physics, Proceedings of the 2nd International Conference on Quantum Chaos and the 4th International Colloquium on Statistical Nuclear Physics, held at Cuernavaca, Mexico, January 6-10, 1986, edited by T.H. Seligman and H. Nishioka, Lecture Notes in Physics, Vol. 263, p. 300.
27. "Schwerionenphysik im Bereich der Fermigeschwindigkeit"  
Spring Meeting of the German Physical Society, held at Heidelberg, West Germany, March 17-21, 1986, Verhandl. DPG (VI) 21, 427 (1986), unpublished.
28. "Source radii and emission temperatures in intermediate energy nucleus-nucleus collisions"  
"Hadronic Matter in Collision", Proceedings of the Second International Workshop on Local Equilibrium in Strong Interaction Physics, held at Santa Fe, New Mexico, April 9-12, 1986, edited by P. Carruthers and D. Strottman, World Scientific Publishing Co., Singapore, 1986, p. 378.

29. "Emission temperatures and source dimensions for intermediate energy nucleus-nucleus collisions"  
Symposium on Nuclear Dynamics and Nuclear Astrophysics, 191st National Meeting of the American Chemical Society, held at New York, April 13-18, 1986, unpublished.
30. "Emission temperatures in intermediate energy nucleus-nucleus collisions"  
Gordon Research Conference on Nuclear Chemistry, held at New London, New Hampshire, June 16-20, 1986, unpublished.
31. "Collective flow and statistical decays in intermediate energy heavy ion collisions"  
Proceedings of the International Symposium on Collective Phenomena in Nuclear and Subnuclear Long-Range Interactions in Nuclei, held at Bad Honnef, West Germany, May 4-7, 1987, edited by P. David, World Scientific Publishing Co., Singapore, 1988, p. 288.
32. "Complex particle emission in intermediate energy nucleus-nucleus collisions"  
Gordon Research Conference on Nuclear Structure, held at Tilton, New Hampshire, August 10-14, 1987, unpublished.
33. "Dynamical and statistical aspects of intermediate energy heavy ion collisions"  
Europhysics Study Conference: "From Cold to Hot Nuclei", held at Varna, Bulgaria, September 13-18, 1987, unpublished.
34. "Experimental overview of temperature measurements at intermediate energies"  
Proceedings of the 8th High Energy Heavy ion Study, held at Berkeley, California, November 16-20, 1987, Lawrence Berkeley Laboratory Report, LBL-24580 (1988) 372.
35. "Hot or cold fragmentation?"  
Proceedings of the Texas A&M Symposium on Hot Nuclei, held at College Station, Texas, December 7-10, 1987, edited by S. Shlomo, R.P. Schmitt, and J.B. Natowitz, World Scientific Publishing Co., Singapore, 1988, p. 294.
36. "Complex fragment emission in intermediate energy heavy ion reactions"  
Proceedings of the XVI International Workshop on Gross Properties of Nuclei and Nuclear Excitations, held at Hirschegg, Kleinwalsertal, Austria, January 18-22, 1988, p. 187.
37. "Complex fragments emitted in excited states"  
Proceedings of the International Workshop on Nuclear Dynamics at Medium and High Energies, held at Bad Honnef, West Germany, October 10-14, 1988, edited by W. Cassing and U. Mosel  
Nucl. Phys. **A495** (1989) 27c.
38. "Fragmentation experiments at intermediate energies"  
Proceedings of the 6th Nordic Meeting on Nuclear Physics, held at Kopervik, Norway, August 10-15, 1989, edited by G. Lövhöiden, T.F. Thorsteinsen, and J.S. Vagen  
Physica Scripta, **T32** (1990) 107.

39. "Multi-fragment emission - from expanding and cooling systems?"  
Proceedings of the XVIII International Workshop on Gross Properties of Nuclei and Nuclear Excitations, held at Hirschegg, Kleinwalsertal, Austria, January 15-20, 1990, p. 99.
40. "Complex fragment emission in intermediate energy heavy-ion reactions"  
Proceedings of the XXVIII International Winter Meeting on Nuclear Physics, held at Bormio, Italy, January 22-27, 1990, edited by I. Iori, Ricerca Scientifica ed Educazione Permanente, Suppl. 78 (1990) 213.
41. "Complex fragment emission in heavy-ion collisions"  
28th Spring School on Nuclear Physics, held at Holzgau near Dresden, Germany, April 2-6, 1990, unpublished.
42. "Complex-fragment emission and correlation studies for intermediate-energy heavy-ion reactions"  
Gordon Research Conference on Nuclear Chemistry, held at New London, New Hampshire, June 18-22, 1990, unpublished.
43. "Two-proton correlation functions for equilibrium and non-equilibrium emission"  
Proceedings of the International Workshop on Particle Correlations and Interferometry in Nuclear Collisions, held at Château Clermont, Le Cellier, France, June 28-30, 1990, edited by D. Ardouin, World Scientific Publishing Co., Singapore, 1990, p. 355.
44. "Intensity interferometry"  
Proceedings of the Seventh Winter Workshop on Nuclear Dynamics, held at Key West, Florida, USA, January 27 - February 1, 1991, edited by W. Bauer and J. Kapusta, World Scientific Publishing Co., Singapore, 1991, p. 170.
45. "Space-time evolution of nucleus-nucleus collisions measured by intensity interferometry"  
Proceedings of the Fourth International Conference on Nucleus-Nucleus Collisions, held at Kanazawa, Japan, June 10-14, 1991, edited by H. Toki, I. Tanihata, and H. Kamitsubo  
Nucl. Phys. **A538** (1992) 65c.
46. "Two-proton correlation functions and their interpretation by microscopic theories"  
Proceedings of the 6-th International Conference on Nuclear Reaction Mechanisms, held at Varenna, Italy, June 10-15, 1991, edited by E. Gadioli, Università degli Studi di Milano, Ricerca Scientifica ed Educazione Permanente, Supplemento n. 84 (1991) 290.
47. "Multifragment disintegrations of hot nuclear systems studied in 4 - geometry"  
Symposium on Nuclear Physics at Storage Rings, held at Lund, Sweden, September 10-12, 1991, unpublished.

48. "Multifragment decays of expanding nuclear systems"  
Second LISS Workshop on Excitation of nucleons and nuclei with 1-15 GeV light ion beams, held at Indiana University, Bloomington, Indiana, September 18-20, 1992, unpublished.
49. "Fragment emission from expanding hot nuclear systems"  
Proceedings of the XVI-th Oaxtepec Symposium on Nuclear Physics, held at Oaxtepec, Mexico, January 5-8, 1993.  
*Revista Mexicana de Física* **39**, Supp. 2 (1993) 87.
50. "Multifragment disintegrations of expanding nuclear systems"  
*Bull. Am. Phys. Soc.* **38** (1993) 1024.
51. "Rapid multifragment disintegration of expanding nuclear systems"  
Nuclear Physics Workshop "Where do we stay in Multifragmentation?", held at the Niels Bohr Institute, Copenhagen, Denmark, September 22-24, 1993, unpublished.
52. "Multifragmentation"  
Proceedings of the NATO Advanced Study Institute on Hot and Dense Nuclear Matter, held at Bodrum, Turkey, September 26 - October 9, 1993, edited by W. Greiner, H. Stöcker, and A. Gallmann.  
*Nato ASI Series B: Physics Vol. 335* (Plenum Press, New York, 1994) 133.
53. "Fast multifragmentation from expanding systems"  
Proceedings of the XXII International Workshop on Gross Properties of Nuclei and Nuclear Excitations, held at Hirschegg, Kleinwalsertal, Austria, January 17-22, 1994.
54. "Intensity interferometry in heavy-ion collisions"  
31st Holzgau Meeting on Nuclear Physics, held at Holzgau near Dresden, Germany, April 11-15, 1994, unpublished.
55. "Lifetime information from correlation functions selected by directional cuts"  
Proceedings of the International Workshop on Multi-Particle Correlations and Nuclear Reactions, CORINNE II, held at Nantes, France, September 6-10, 1994, World Scientific Publishing Co., Singapore, 1995, p. 104.
56. "Multifragmentation"  
Townmeeting on Medium and High Energy Heavy-Ion Reactions for NSAC Long Range Plan, Brookhaven, January 27-28, 1995, unpublished.
57. "Multifragment disintegration of expanding nuclear systems"  
"Heavy-Ion Dynamics and Hot Nuclei", Proceedings of the ACS Nuclear Chemistry Award Symposium, 209th American Chemical Society National Meeting, Anaheim, California, April 2-4, 1995, edited by G. Nebbia and M.N. Namboodiri, World Scientific Publishing Co., Singapore, 1995, p. 95.

58. "Fast multifragment disintegrations from expanding nuclear systems"  
Proceedings of the International Nuclear Physics Conference, held at Beijing, China, August 21-26, 1995, edited by Sun Zuxun and Xu Jincheng, World Scientific Publishing Co., Singapore, 1996, 305.
59. "Two-proton intensity interferometry"  
Proceedings of the International Conference on Nuclear Dynamics at Long and Short Distances held at Angra dos Reis, Brazil, April 8 - 12, 1996, , edited by H. Dias, A. Gattone, E. Maqueda, and A.S. de Toledo, World Scientific Publishing Co., Singapore, 1997, 19.
60. "Multifragment disintegrations in intermediate-energy heavy-ion collisions"  
Proceedings of the International Symposium on Large-Scale Collective Motion of Atomic Nuclei held at Brolo (Messina), Italy, October 15 - 19, 1996, edited by G. Giardina, G. Fazio, and M. Lattuada, World Scientific Publishing Co., Singapore, 1997, p. 183.
61. "Future directions for nuclear physics"  
Proceedings of the 1997 Particle Accelerator Conference held Vancouver, BC, Canada, May 12 - 16, 1997, IEEE, Piscataway, 1998, p. 34.
62. "Multifragmentation in central collisions"  
Symposium on Probing Nuclear Matter at Extreme Conditions, 214th National Meeting of the American Chemical Society, held at Las Vegas, September 7-11, 1997, NUCL 002, unpublished.
63. "Opportunities and pressures for nuclear physics in the out-years"  
International Conference on Fission and Properties of Neutron-Rich Nuclei, held on Sanibel Island, Florida, November 10-15, 1997, World Scientific Publishing Co., Singapore, 1998, p. 616.
64. "Nuclear physics opportunities with radioactive beams"  
Bull. Am. Phys. Soc. **43** (1998) 1156.
65. "Physics with Cyclotrons"  
Proceedings of the 15-th International Conference on Cyclotrons and their Applications, held at Caen, France, June 14-19, 1998, edited by Eric Baron and Marcel Lieuvin, Institute of Physics Publishing, Bristol, 1999, p. 42
66. "Space-time information from two-particle correlations"  
Proceedings of the International School of Nuclear Physics, 20th course, "Heavy Ion Collisions from Nuclear to Quark Matter", held at Erice, Sicily, Italy, September 17-27, 1998, edited by Amand Faessler, Elsevier Science, New York (1999), p. 91.  
Prog. Part. and Nucl. Phys. **42** (1999) 91.
67. "Equation of state of nuclear matter"  
Gregory Breit Centennial Symposium, held at Yale University, New Haven, Connecticut, USA, October 29-30, 1999, edited by Vernon W. Hughes, Francesco Iachello, and Dimitri Kusnezov, World Scientific Publishing Co., Singapore, 2001, p. 181.

68. "Present status and future prospects of investigations of the liquid-gas phase transition"  
Proceedings of "Bologna 2000 - Structure of the Nucleus at the Dawn of the Century", held at Bologna, Italy, May 29 – June 3, 2000, edited by G. C. Bonsignori, M. Bruno, A. Ventura, and D. Vretenar, World Scientific Publishing Co., Singapore, 2001, p. 167.
69. "Physics opportunities with fast beams of rare isotopes"  
Congress of the Canadian Association of Physicists, held at Toronto, Canada, June 4-7, 2000.  
Physics in Canada **56** (2000) 67.
70. "Physics opportunities with an advanced rare isotope accelerator"  
Sixteenth International Conference on the Application of Accelerators in Research and Industry, CAARI 2000, held at Denton, Texas, November 1 – 4, 2000, unpublished
71. "Future plans for radioactive beam facilities in the US"  
Pacifichem 2000, International Chemical Congress of Pacific Basin Societies, held at Honolulu, Hawaii, December 14-19, 2000, unpublished.
72. "New opportunities with beams of rare isotopes in the U.S."  
Proceedings of the International Conference "Nuclear Physics at Border Lines", held in Lipari, Italy, May 21–24, 2001, edited by Giovanni Fazio, Giorgio Giardina, Francis Hanappe, Guiseppina Immè, and Neil Rowley, World Scientific Publishing Co., Singapore, 2002, p. 97.
73. "New opportunities with beams of rare isotopes in the U.S."  
7th International Spring Seminar on Nuclear Physics, "Challenges of Nuclear Structure", held at Maiori, Italy, May 27-31, 2001, edited by Aldo Covello, , World Scientific Publishing Co., Singapore, 2002, p. 3.
74. "Rare isotope research capabilities at the NSCL today and at RIA in the future"  
International Symposium on "New Projects and Lines of Research in Nuclear Physics", held at Messina, Italy, October 24–26, 2002, edited by G. Fazio and F. Hanappe, World Scientific Publishing Co., Singapore, 2003, p. 114.
75. "Rare isotope research capabilities at the NSCL today and at RIA in the future"  
Third International Conference on Fission and Properties of Neutron-Rich Nuclei, held at Sanibel Island, Florida, USA, November 2-9, 2002, edited by J.H. Hamilton, A.V. Ramayya, and H.K. Carter, World Scientific Publishing Co., Singapore, 2003, p. 770.
76. "Rare isotope research capabilities at the NSCL today and at RIA in the future"  
10<sup>th</sup> International Conference on Nuclear Reaction Mechanisms, held at Varenna Italy, June 9-13 2003, edited by E. Gadioli, Università degli Studi di Milano, Ricerca Scientifica ed Educazione Permanente, Supplemento N. 122 (2003) p.1.
77. "Rare isotope research capabilities at the NSCL today and at RIA in the future"  
International Conference on Selected Topics in Heavy Ion Reactions, held at McGill University, Montreal, June 25 – 28, 2003.

78. "Rare isotope research capabilities at the NSCL today and at RIA in the future"  
International School of Nuclear Physics, 25<sup>th</sup> Course, *Heavy Ion Reactions from Nuclear to Quark Matter*, held at Erice, Sicily, Italy, September 16 - 24 2003.  
Prog. Part. Nucl. Phys. **53** (2004) 363
79. "Rare isotope research capabilities at the NSCL today and at RIA in the future"  
8<sup>th</sup> International Spring Seminar on Nuclear Physics, *Key Topics in Nuclear Structure*, held at Paestum, Italy, May 23-27, 2004.
80. "Rare isotope research capabilities at the NSCL today (and at RIA in the future?) "  
229<sup>th</sup> National Meeting of the American Chemical Society, held at San Diego, California, March 13-17, 2005.
81. "RIA "  
Gordon Research Conference on Nuclear Chemistry, "Statistical and Dynamical Properties of Strongly Interacting Matter", held at New London, New Hampshire, June 4-9, 2006, unpublished.
82. "Science and Engineering Activities at the NSCL National Superconducting Cyclotron Laboratory"  
The 13<sup>th</sup> International Symposium on Applied Electromagnetics and Mechanics, ISEM 2007, held at East Lansing, Michigan, September 9-12, 2007.
83. "NSCL – Ongoing Activities and Future Perspectives"  
Fourth International Conference on Fission and Properties of Neutron-Rich Nuclei, held at Sanibel Island, Florida, November 11-17, 2007
84. "NSCL – Ongoing Activities and Future Perspectives"  
Symposium on "Trends in heavy ion research" held at Dubna, Russia, May 21-25, 2008