

Papers in Refereed Journals

1. “Multifragment disintegration of the $^{129}\text{Xe} + ^{197}\text{Au}$ system at $E/A=50$ MeV”
D.R. Bowman, G.F. Peaslee, R.T. de Souza, N. Carlin, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, L. Phair, M.B. Tsang, C. Williams, N. Colonna, K. Hanold, M.A. McMahan, G.J. Wozniak, L.G. Moretto, and W.A. Friedman
Phys. Rev. Lett. **67**, 1527 (1991)
2. “Multifragment emission in the reaction $^{36}\text{Ar} + ^{197}\text{Au}$ at $E/A = 35, 50, 80,$ and 110 MeV”
R.T. de Souza, L. Phair, D.R. Bowman, N. Carlin, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, M.B. Tsang, H.M. Xu, F. Zhu, and W.A. Friedman
Phys. Lett. **B268**, 6 (1991)
3. “Event-mixing analysis of two-proton correlation functions”
M.A. Lisa, W.G. Gong, C.K. Gelbke, and W.G. Lynch
Phys. Rev. C44 2865 (1991)
4. “Forward baryons in relativistic nucleus-nucleus collisions”
J. Barrette, R. Bellweid, P. Braun-Munzinger, W.E. Cleland, G. David, J. Dee, M. Fatyga, D. Fox, S.V. Greene, J. Hall, T.K. Hemmick, R. Heifetz, N. Herrmann, R.W. Hogue, G. Ingold, K. Jayananda, D. Kraus, B. Shiva Kumar, M. Lisa, D. Lissauer, W.J. Llope, T. Ludlam, R. Majka, D. Makowiecki, S.K. Mark, J.T. Mitchell, M. Muthuswamy, E. O’Brien, V. Polychronakos, C. Pruneau, F. Rotondo, J. Sandwiess, J. Simon, U. Sonnadara, J. Stachel, H. Takai, T. Throwe, L. Waters, C. Winter, C. Woody, K. Wolf, D. Wolfe, and Y. Zhang
Phys. Rev. C45 **819**, (1992)
5. “Multifragment emission in $^{36}\text{Ar} + ^{197}\text{Au}$ and $^{129}\text{Xe} + ^{197}\text{Au}$ collisions. Percolation model”
L. Phair, W. Bauer, D.R. Bowman, N. Carlin, R.T. de Souza, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, M.B. Tsang, C. Williams, F. Zhu, N. Colonna, K. Hanold, M.A. McMahan, G.J. Wozniak, and L.G. Moretto
Phys. Lett. **B285**, 10 (1992)
6. “Fluctuations in multifragment decays”
L. Phair, M.A. Lisa, D.R. Bowman, C.K. Gelbke, W.G. Gong, Y.D. Kim, W.G. Lynch, G.F. Peaslee, H. Schulz, R.T. de Souza, M.B. Tsang, and F. Zhu
Phys. Lett. **B291**, 7 (1992)
7. “Impact parameter filters for $^{36}\text{Ar} + ^{197}\text{Au}$ collisions at $E/A=50, 80,$ and 110 MeV”
L. Phair, D.R. Bowman, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, R.T. de Souza, M.B. Tsang, and F. Zhu
Nucl. Phys. **A548**, 489 (1992)
8. “Intermediate mass fragment emission as a probe of nuclear dynamics”
D.R. Bowman, C.M. Mader, G.F. Peaslee, W. Bauer, N. Carlin, R.T. de Souza, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, L. Phair, M.B. Tsang, C. Williams, N. Colonna, K. Hanold, M.A. McMahan, G.J. Wozniak, L.G. Moretto, and W.A. Friedman
Phys. Rev. **C46**, 1834 (1992)
9. “Expansion effects in intermediate energy heavy-ion collisions”
R.T. de Souza, D. Fox, W.A. Friedman, L. Phair, D.R. Bowman, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, M.B. Tsang, and

F. Zhu

Phys. Lett. **B300**, 29 (1993)

10. “Extraction of the multifragmentation time scale in intermediate energy heavy-ion reactions”
D. Fox, R.T. de Souza, L. Phair, D.R. Bowman, N. Carlin, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, M.B. Tsang, and F. Zhu
Phys. Rev. **C47**, R421 (1993)
11. “Sources and emission time scales in $E/A = 50$ MeV $^{129}\text{Xe} + ^{\text{nat}}\text{Cu}$ reactions”
D.R. Bowman, G.F. Peaslee, N. Carlin, R.T. de Souza, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, L. Phair, M.B. Tsang, C. Williams, N. Colonna, K. Hanold, M.A. McMahan, G.J. Wozniak, and L.G. Moretto
Phys. Rev. Lett. **70**, 3534 (1993)
12. “Impact parameter selected two-proton intensity interferometry for $^{36}\text{Ar} + ^{45}\text{Sc}$ at $E/A=80$ MeV”
M.A. Lisa, C.K. Gelbke, W. Bauer, P. Decowski, W.G. Gong, E. Gualtieri, S. Hannuschke, R. Lacey, T. Li, W.G. Lynch, C.M. Mader, G.F. Peaslee, T. Reposeur, A.M. Vander Molen, G.D. Westfall, J. Yee, and S.J. Yennello
Phys. Rev. Lett. **70**, 3709 (1993)
13. “Onset of nuclear vaporization in $^{197}\text{Au} + ^{197}\text{Au}$ collisions”
M.B. Tsang, W.C. Hsi, W.G. Lynch, D.R. Bowman, C.K. Gelbke, M.A. Lisa, G.F. Peaslee, G.J. Kunde, M.L. Begemann-Blaich, T. Hoffmann, J. Hubele, J. Kempter, P. Kreutz, W.D. Kunze, V. Lindenstruth, U. Lynen, M. Mang, W.F.J. Miller, M. Neumann, B. Ocker, C.A. Ogilvie, J. Pochodzalla, F. Rosenberger, H. Sann, A. Schttauf, V. Serfling, J. Stroth, W. Trautmann, A. Tucholski, A. Wrner, E. Zude, B. Zwieglinski, S. Aiello, G. Imm, V. Pappalardo, G. Raciti, R.J. Charity, L.G. Sobotka, W. Seidel, Th. Blaich, L. Stuttge, A. Cosmo, W.A. Friedman, and G. Peilert
Phys. Rev. Lett. **71**, 1502 (1993)
14. “Observation of lifetime effects in two-proton correlations for well-characterized sources”
M.A. Lisa, C.K. Gelbke, P. Decowski, W.G. Gong, E. Gualtieri, S. Hannuschke, R. Lacey, T. Li, W.G. Lynch, G.F. Peaslee, S. Pratt, T. Reposeur, A.M. Vander Molen, G.D. Westfall, J. Yee, and S.J. Yennello
Phys. Rev. Lett. **71**, 2863 (1993)
15. “Azimuthal correlations as a test for centrality in heavy ion collisions”
L. Phair, D.R. Bowman, N. Carlin, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, R.T. de Souza, M.B. Tsang, C. Williams, F. Zhu, N. Colonna, K. Hanold, M.A. McMahan, and G.J. Wozniak
Nucl. Phys. **A564**, 453 (1993)
16. “Time scale for proton emission from highly excited projectiles”
R.J. Charity, L.G. Sobotka, G. Van Buren, F.A. Tibbals, J. Barreto, D.R. Bowman, M. Chartier, J. Dinius, D. Fox, C.K. Gelbke, D.O. Handzy, W.C. Hsi, P.F. Hua, A.S. Kirov, M.A. Lisa, W.G. Lynch, G.F. Peaslee, L. Phair, D.G. Sarantites, C. Schwarz, R.T. de Souza, M.B. Tsang, and C. Williams
Phys. Lett. **B323**, 113 (1994)
17. “Proton evaporation timescales from longitudinal and transverse two-proton correlation functions”
M.A. Lisa, W.G. Gong, C.K. Gelbke, N. Carlin, R.T. de Souza, Y.D. Kim, W.G. Lynch, T. Murakami, G. Poggi, M.B. Tsang, H.M. Xu, K. Kwiatkowski, V.E. Viola, Jr., and S.J. Yennello
Phys. Rev. **C49**, 2788 (1994)

18. "Energy dependence of multifragmentation in $^{84}\text{Kr} + ^{197}\text{Au}$ collisions"
G.F. Peaslee, M.B. Tsang, C. Schwarz, M.J. Huang, W.S. Huang, W.C. Hsi, C. Williams, W. Bauer, D.R. Bowman, M.A. Lisa, W.G. Lynch, C.M. Mader, L. Phair, J. Dinius, C.K. Gelbke, D.O. Handzy, M.-C. Lemaire, S.R. Souza, G. Van Buren, R.J. Charity, L.G. Sobotka, G.J. Kunde, U. Lynen, J. Pochodzalla, H. Sann, W. Trautmann, D. Fox, R.T. deSouza, G. Peilert, W.A. Friedman, and N. Carlin
Phys. Rev. **C49**, R2271 (1994)
19. "Two-proton correlation functions for $^{36}\text{Ar} + ^{45}\text{Sc}$ at $E/A=80$ MeV"
D.O. Handzy, M.A. Lisa, C.K. Gelbke, W. Bauer, F.C. Daffin, P. Decowski, W.G. Gong, E. Gualtieri, S. Hannuschke, R. Lacey, T. Li, W.G. Lynch, C.M. Mader, G.F. Peasee, T. Reposeur, S. Pratt, A.M. Vander Molen, G.D. Westfall, J. Yee, and S.J. Yennello
Phys. Rev. **C50**, 858 (1994)
20. "Two-fragment correlation functions with directional cuts for central $^{36}\text{Ar} + ^{197}\text{Au}$ collisions at $E/A=50$ MeV"
T. Glasmacher, L. Phair, D.R. Bowman, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, R.T. deSouza, M.B. Tsang, and F. Zhu
Phys. Rev. **C50**, 952 (1994)
21. "Determination of critical exponents from the multifragmentation of gold nuclei"
M.L. Gilkes, S. Albergo, F. Bieser, F.P. Brady, Z. Caccia, D.A. Cebra, A.D. Chacon, J.L. Chance, Y. Choi, S. Costa, J.B. Elliot, J.A. Hauger, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D. Keane, J.C. Kintner, V. Lindenstruth, M.A. Lisa, U. Lynen, H.S. Matis, M. McMahan, C. McParland, W.F.J. Miller, D.L. Olson, M.D. Partlan, N.T. Porile, R. Potenza, G. Rai, J. Rasmussen, H.G. Ritter, J. Romanski, J.L. Romero, G.V. Russo, H. Sann, R. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, T.J.M. Symons, M. Tincknell, C. Tuv, S. Wang, P. Warren, H.H. Wieman, and K. Wolf
Phys. Rev. Lett. **73**, 1590 (1994)
22. "Time scale for multifragmentation in intermediate energy heavy ion reactions"
D. Fox, R.T. deSouza, T. Glasmacher, L. Phair, D.R. Bowman, N. Carlin, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, M.B. Tsang, and F. Zhu
Phys. Rev. **C50** 2424 (1994)
23. "Fragmentation of neck-like structures"
C.P. Montoya, W.G. Lynch, D.R. Bowman, G.F. Peaslee, N. Carlin, R.T. deSouza, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, L. Phair, M.B. Tsang, J.B. Webster, C. Williams, N. Colonna, K. Hanold, M.A. McMahan, G.J. Wozniak, and L.G. Moretto
Phys. Rev. Lett **73**, 3070 (1994)
24. "Collective expansion in central Au+Au collisions"
W.C. Hsi, G.J. Kunde, J. Pochodzalla, W.G. Lynch, M.B. Tsang, M.L. Begemann-Blaich, D.R. Bowman, R.J. Charity, F. Cosmo, A. Ferrero, C.K. Gelbke, T. Glasmacher, T. Hofmann, G. Imm, I. Iori, J. Hubele, J. Kempter, P. Kreutz, W.D. Kunze, V. Lindenstruth, M.A. Lisa, U. Lynen, M. Mang, A. Moroni, W.F.J. Miller, M. Neumann, B. Ocker, C.A. Ogilvie, G.F. Peaslee, G. Raciti, F. Rosenberger, H. Sann, R. Scardaoni, A. Schttauf, C. Schwarz, W. Seidel, V. Serfling, L.G. Sobotka, L. Stuttge, S. Tomasevic, W. Trautmann, A. Tucholski, C. Williams, A. Wrner, and B. Zwieglinski
Phys. Rev. Lett. **73**, 3367 (1994)

25. "Fragment flow and the multifragmentation phase space"
G.J. Kunde, W.C. Hsi, W.D. Kunze, A. Schttauf, A. Wrner, S. Aiello, M. Begemann-Blaich, Th. Blaich, D.R. Bowman, R.J. Charity, F. Cosmo, A. Ferrero, C.K. Gelbke, J. Hubele, G. Imm, I. Iori, J. Kempter, P. Kreutz, V. Lindenstruth, M.A. Lisa, W.G. Lynch, U. Lynen, M. Mang, A. Moroni, L.G. Moretto, W.F.J. Mller, M. Neumann, B. Ocker, C.A. Ogilvie, V. Pappalardo, G.F. Peaslee, J. Pochodzalla, G. Raciti, F. Rosenberger, T. Rubehn, H. Sann, R. Scardaoni, W. Seidel, V. Serfling, L.G. Sobotka, J. Stroth, L. Stuttge, W. Trautmann, M.B. Tsang, A. Tucholski, C. Williams, E. Zude, and B. Zwieglinski
Phys. Rev. Lett. **74**, 38 (1995)
26. "Are multifragment emission probabilities reducible to an elementary binary emission probability?"
L.G. Moretto, L. Phair, K. Tso, K. Jing, G.J. Wozniak, R.T. deSouza, D.R. Bowman, N. Carlin, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, M.B. Tsang, and F. Zhu
Phys. Rev. Lett. **74**, 1530 (1995)
27. "Light fragment production and power law behavior in Au+Au collisions"
S. Wang, S. Albergo, F. Bieser, F.P. Brady, Z. Caccia, D.A. Cebra, A.D. Chacon, J.L. Chance, Y. Choi, S. Costa, J.B. Elliott, M.L. Gilkes, J.A. Hauger, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D. Keane, J. Kintner, M.A. Lisa, H.S. Matis, M. McMahan, C. McParland, D.L. Olson, M.D. Partlan, N.T. Porile, R. Potenza, G. Rai, J. Rasmussen, H.G. Ritter, J. Romanski, J.L. Romero, G.V. Russo, R.P. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, T.J.M. Symons, M.L. Tinknell, C. Tuv, P.G. Warren, D. Weerasundara, H.H. Wieman, and K.L. Wolf
Phys. Rev. Lett. **74**, 2646 (1995)
28. "Space-time ambiguity of two- and three-fragment reduced-velocity correlation functions"
T. Glasmacher, L. Phair, D.R. Bowman, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, R.T. de Souza, M.B. Tsang, and F. Zhu
Phys. Rev. **C51**, 3489 (1995)
29. "Reducibility and thermal scaling of charge distributions in multifragmentation"
L. Phair, K. Tso, R. Ghetti, G.J. Wozniak, L.G. Moretto, R.T. de Souza, D.R. Bowman, N. Carlin, C.K. Gelbke, W.G. Gong, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, M.B. Tsang, and F. Zhu
Phys. Rev. Lett. **75**, 213 (1995)
30. "Assessing the evolutionary nature of multifragment decay"
E. Cornell, T.M. Hamilton, D. Fox, Y. Lou, R.T. de Souza, M.J. Huang, W.C. Hsi, C. Schwarz, C. Williams, D.R. Bowman, J. Dinius, C.K. Gelbke, T. Glasmacher, D.O. Handzy, M.A. Lisa, W.G. Lynch, G.F. Peaslee, L. Phair, M.B. Tsang, G. VanBuren, R.J. Charity, L.G. Sobotka, and W.A. Friedman
Phys. Rev. Lett. **75**, 1475 (1995)
31. "Fragment flow in Au+Au collisions"
M.D. Partlan, S. Albergo, F. Bieser, F.P. Brady, Z. Caccia, C. Cebra, A.D. Chacon, J. Chance, Y. Choi, S. Costa, J.B. Elliot, M.L. Gilkes, J.A. Hauger, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D. Keane, J. Kintner, M.A. Lisa, H.S. Matis, M. McMahan, C. McParland, D.L. Olson, G. Pielert, N.T. Porile, R. Potenza, G. Rai, J. Rasmussen, H.G. Ritter, J. Romanski, J.L. Romero, G.V. Russo, R.P. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, T.J.M. Symons, M.L. Tinknell, C. Tuvé, S. Wang, P.G. Warren, H.H. Wieman, and K. Wolf
Phys. Rev. Lett. **75**, 2100 (1995)

32. “Space-time characteristics of fragment emission in the $E/A=30$ MeV $^{129}\text{Xe} + ^{\text{nat}}\text{Cu}$ reaction”
D.R. Bowman, N. Colonna, W.A. Friedman, L. Celano, M. D’Agostino, J.D. Dinius, A. Ferrero, C.K. Gelbke, T. Glasmacher, D.O. Handzy, D. Horn, W.C. Hsi, M. Huang, I. Iori, M.A. Lisa, W.G. Lynch, G.V. Margagliotti, P.M. Milazzo, C.P. Montoya, A. Moroni, G.F. Peaslee, L. Phair, F. Petruzzelli, R. Scardaoni, C. Schwarz, M.B. Tsang, and C. Williams
Phys. Rev. **C52**, 818 (1995)
33. “Radial flow in Au+Au collisions at $E=(0.25-1.15)$ A GeV”
M.A. Lisa, S. Albergo, F. Bieser, F.P. Brady, Z. Caccia, C. Cebra, A.D. Chacon, J. Chance, Y. Choi, S. Costa, J.B. Elliot, M.L. Gilkes, J.A. Hauger, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D. Keane, J. Kintner, H.S. Matis, M. McMahan, C. McParland, D.L. Olson, M.D. Partlan, N.T. Porile, R. Potenza, G. Rai, J. Rasmussen, H.G. Ritter, J. Romanski, J.L. Romero, G.V. Russo, R.P. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, T.J.M. Symons, M.L. Tinknell, C. Tuvé, S. Wang, P.G. Warren, G.D. Westfall, H.H. Wieman, and K. Wolf.
Phys. Rev. Lett. **75**, 2662 (1995)
34. “Understanding proton emission in central heavy-ion collisions”
D.O. Handzy, W. Bauer, F.C. Daffin, S.J. Gaff, C.K. Gelbke, T. Glasmacher, E. Gualtieri, S. Hannuschke, M.J. Huang, G.J. Kunde, R. Lacey, T. Li, M.A. Lisa, W.J. Llope, W.G. Lynch, L. Martin, C.P. Montoya, R. Pak, G.F. Peaslee, S. Pratt, C. Schwarz, N. Stone, M.B. Tsang, A.M. Vander Molen, G.D. Westfall, J. Yee, and S.J. Yennello
Phys. Rev. Lett. **75**, 2916 (1995)
35. “Evidence for the reducibility of multifragment emission to an elementary binary emission in Xe-induced reactions”
K. Tso, L. Phair, N. Colonna, W. Skulski, G.J. Wozniak, L.G. Moretto, D.R. Bowman, M. Chartier, C.K. Gelbke, W.G. Gong, W.C. Hsi, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, C. Schwarz, R.T. de Souza, M.B. Tsang, and F. Zhu
Phys. Lett. **B 361**, 25 (1995)
36. “Multifragmentation in $E/A=35$ MeV collisions: Evidence for a coulomb driven breakup?”
M. D’Agostino, G.J. Kunde, P.M. Milazzo, J.D. Dinius, M. Bruno, N. Colonna, M.L. Fiandi, C.K. Gelbke, T. Glasmacher, F. Gramegna, D.O. Handzy, W.C. Hsi, M. Huang, M.A. Lisa, W.G. Lynch, P.F. Mastinu, C.P. Montoya, A. Moroni, G.F. Peaslee, L. Phair, R. Rui, C. Schwarz, M.B. Tsang, G. Vannini, and C. Williams
Phys. Rev. Lett. **75**, 4373 (1995)
37. “Phase coexistence in multifragmentation?”
L.G. Moretto, L. Phair, R. Ghetti, K. Tso, N. Colonna, W. Skulski, G.J. Wozniak, D.R. Bowman, M. Chartier, N. Carlin, C.K. Gelbke, W.G. Gong, W.C. Hsi, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.F. Peaslee, C. Schwarz, R.T. de Souza, M.B. Tsang, and F. Zhu
Phys. Rev. Lett. **76**, 372 (1996)
38. “Reducibility and a new entropic term in multifragment charge distributions”
A. Ferrero, I. Iori, A. Moroni, F. Petruzzelli, R. Scaraoni, L.G. Moretto, D.R. Bowman, M. Bruno, P. Buttazzo, L. Celano, N. Colonna, M. D’Agostino, J.D. Dinius, M.L. Fiandri, E. Fuschini, C.K. Gelbke, T. Glasmacher, F. Gramegna, D.O. Handzy, D. Horn, W.C. Hsi, M. Huang, G.J. Kunde, M.A. Lisa, W.G. Lynch, P.F. Masinu, P.M. Milazzo, G.V. Margagliotti, C.P. Montoya, G.F. Peaslee, L. Phair, R. Rui, C. Schwarz, M.B. Tsang, G. Vannini, and C. Williams
Phys. Rev. **C53**, R5 (1996)

39. “Multifragment production in Au+Au at 35 MeV/u”
M. D’Agostino, P.F. Mastinu, P.M. Milasso, D.R. Bowman, P. Buttazzo, L. Celano, N. Colonna, J.D. Dinius, A. Ferrero, M.L. Fiandri, C.K. Gelbke, T. Glasmacher, F. Gramegna, D.O. Handzy, D. Horn, W.C. Hsi, M. Huang, I. Iori, G.J. Kunde, M.A. Lisa, W.G. Lynch, L. Manduci, G.V. Margagliotti, C.P. Montoya, A. Moroni, G.F. Peaslee, F. Petruzzelli, L. Phair, R. Rui, C. Scharz, M.B. Tsang, and C. Williams
Phys. Lett. **B368**, 259 (1996)
40. “Statistical multifragmentation in Au+Au collisions at 35 MeV/u”
M. D’Agostino, A.S. Botvina, P.M. Milasso, D.R. Bowman, P. Buttazzo, L. Celano, N. Colonna, J.D. Dinius, A. Ferrero, M.L. Fiandri, C.K. Gelbke, T. Glasmacher, F. Gramegna, D.O. Handzy, D. Horn, W.C. Hsi, M. Huang, I. Iori, G.J. Kunde, M.A. Lisa, W.G. Lynch, L. Manduci, P.F. Mastinu, G.V. Margagliotti, C.P. Montoya, A. Moroni, G.F. Peaslee, F. Petruzzelli, L. Phair, R. Rui, C. Scharz, M.B. Tsang, and C. Williams
Phys. Lett. **B371**, 175 (1996)
41. “Circumstantial evidence for critical behavior in peripheral Au+Au collisions at 35 MeV/nucleon”
P.F. Mastinu, M. Belakacem, M. D’Agostino, M. Bruno, P.M. Milazzo, G. Vannini, D.R. Bowman, N. Colonna, J.D. Dinius, A. Ferrero, M.L. Fiandri, C.K. Gelbke, T. Glasmacher, F. Gramegna, D.O. Handzy, D. Horn, W.C. Hsi, M. Huang, I. Iori, G.J. Kunde, M.A. Lisa, W.G. Lynch, G.V. Margagliotti, C.P. Montoya, A. Moroni, G.F. Peaslee, F. Petruzzelli, R. Rui, C. Schwarz, M.B. Tsang, C. Williams, V. Latora, and A. Bonasera
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132. “Open charm yields in d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV”
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147. “Minijet deformation and charge-independent angular correlations on momentum subspace (η, ϕ) in Au-Au collisions at $\sqrt{s_{NN}} = 200$ GeV”
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148. “The multiplicity dependence of inclusive p_T spectra from p+p collisions at $\sqrt{s_{NN}} = 200$ GeV”
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159. “Longitudinal Double-spin asymmetry and cross section for inclusive jet production in polarized proton collisions collisions at $\sqrt{s_{NN}} = 200$ GeV”
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162. “Delta-phi Delta-eta Correlations in Central Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV”
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167. “Strangelet search in Au+Au collisions at 200 GeV”
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168. “Global polarization measurement in Au+Au collisions”
STAR Collaboration, B.I. Abelev *et al.*,
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169. “Partonic flow and phi-meson production in Au+Au collisions at $\sqrt{s} = 200$ GeV”
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174. “ ρ^0 Photoproduction in Ultra-Peripheral Relativistic Heavy Ion Collisions with STAR”
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199. "Systematic Measurements of Identified Particle Spectra in pp, d+Au and Au+Au Collisions from STAR,"
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211. "Upsilon cross section in p+p collisions at $\sqrt{s} = 200$ GeV"
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212. "Charged and strange hadron elliptic flow in Cu+Cu collisions at $\sqrt{s_{NN}} = 62.4$ and 200 GeV Upsilon cross section in p+p collisions at $\sqrt{s} = 200$ GeV"
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213. "Longitudinal scaling property of the charge balance function in Au + Au collisions at 200 GeV"
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214. "Azimuthal di-hadron correlations in d+Au and Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV from STAR"
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215. "Higher Moments of Net-proton Multiplicity Distributions at RHIC"
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217. “Measurement of the Bottom contribution to non-photonic electron production in p+p collisions at $\sqrt{s} = 200$ GeV”
STAR Collaboration, B.I. Abelev, *et al.*,
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218. “Observation of an Antimatter Hypernucleus,”
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219. “First proton–proton collisions at the LHC as observed with the ALICE detector: measurement of the charged particle pseudorapidity density at $\sqrt{s} = 900$ GeV”
ALICE Collaboration, K. Aamodt, *et al.*,
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220. “Charged-particle multiplicity measurement in protonproton collisions at $s=0.9$ and 2.36 TeV with ALICE at LHC”
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221. “Charged-particle multiplicity measurement in protonproton collisions at $s=7$ TeV with ALICE at LHC”
ALICE Collaboration, K. Aamodt, *et al.*,
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222. “Midrapidity Antiproton-to-Proton Ratio in pp Collisions at $s=0.9$ and 7 TeV Measured by the ALICE Experiment”
ALICE Collaboration, K. Aamodt, *et al.*,
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223. “Two-pion Bose-Einstein correlations in pp collisions at $s=900$ GeV”
ALICE Collaboration, K. Aamodt, *et al.*,
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224. “Transverse momentum spectra of charged particles in protonproton collisions at $s=900$ GeV with ALICE at the LHC”
ALICE Collaboration, K. Aamodt, *et al.*,
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225. “Charged-particle multiplicity density at mid-rapidity in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV”
ALICE Collaboration, K. Aamodt, *et al.*,
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226. “Elliptic flow of charged particles in Pb-Pb collisions at 2.76 TeV”
ALICE Collaboration, K. Aamodt, *et al.*,
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227. “Suppression of Charged Particle Production at Large Transverse Momentum in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV”
ALICE Collaboration, K. Aamodt, *et al.*,
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228. “Centrality dependence of the charged-particle multiplicity density at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV”
ALICE Collaboration, K. Aamodt, *et al.*,
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229. “Two-pion Bose-Einstein correlations in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV”
ALICE Collaboration, K. Aamodt, *et al.*,
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230. “Strange particle production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC”
ALICE Collaboration, K. Aamodt, *et al.*,
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231. “Shape analysis of strongly interacting systems: the heavy ion case”
M.A. Lisa, E. Frodermann, G. Graef, M. Mitrovski, E. Mount, H. Petersen, M. Bleicher
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232. “Correspondence between Hanbury-Brown-Twiss radii and the emission zone in non-central heavy ion collisions”
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Phys. Rev. **C84** 014908 (2011).

Invited Talks and Seminars *Talks are invited unless specified otherwise*

1. Science Gang Seminar
Lynchburg College, VA, Oct 2010
Size Matters - spacetime geometry in subatomic collisions
2. Midwest Critical Mass 2010
Toledo OH, Oct 2010
Source anisotropy in the energy scan at STAR
3. V Workshop on Particle Correlations and Femtoscopy (WPCF10)
Kiev, Ukraine, Oct 2011
Model calculations on the energy dependence of azimuthally-sensitive femtoscopy
4. Nuclear Theory Colloquium
Frankfurt Institute for Advanced Study
Frankfurt, Germany, July 2010
Azimuthally-sensitive pion femtoscopy and the RHIC energy scan
5. IV Workshop on Particle Correlations and Femtoscopy (WPCF09)
CERN, Geneva, Switzerland, Oct 2009
Azimuthally-sensitive femtoscopy: an excitation function worth pursuing
6. Theory Phenomenology Seminar
CERN, Geneva, Switzerland, Oct 2009
Heavy Ion's Mini-me: Strong Radial Flow in p+p Collisions at RHIC
7. Workshop on Flow and Dissipation in Ultrarelativistic Heavy Ion Collisions
European Center for Theoretical Studies in Nuclear Physics, Trento Italy, Sept 2009
Correlations, spectra and conservation laws: a case for collective flow in p+p collisions?
8. 5th International Workshop on Critical Point and Onset of Deconfinement
Brookhaven National Lab, Upton, NY, June 2009
Azimuthally-sensitive interferometry and the softest point
9. Workshop on Baryon Stopping and Entropy Production
Brookhaven National Laboratory, Upton, NY, June 2009
How big is big enough?
10. 1st Joint Workshop on Energy Scaling of Hadron Collisions: Theory/RHIC/Tevatron/LHC
Fermilab, Batavia, IL, April 2009
A heavy ion approach to the soft-sector in hadron-hadron collisions
11. Heavy Ion Tea
Lawrence Berkeley National Lab, Berkeley, CA, February 2009
Correlations, spectra and conservation laws: a case for collective flow in p+p collisions?
12. XXV Winter Workshop on Nuclear Dynamics
Big Sky, MT, February 2009
Oh, right... protons
13. Nuclear Physics Seminar
Kent State University, Kent, OH, January 2009
Collectivity in hadronic collisions

14. Nuclear Physics Seminar
Michigan State University, East Lansing, MI, January 2009
What we hope to learn from heavy ions at the LHC
15. Workshop on Hot and Dense Matter: the next few years
Rehovot, Israel, November 2008
Comparing hadron and nuclear collisions
16. Particles and Nuclei in Collision (PANIC 2008)
Eilat, Israel, November 2008
The soft sector in hadronic collisions (contributed talk)
17. VIII International Workshop on Relativistic Aspects of Nuclear Physics (RANP 2008)
Rio de Janeiro, Brazil, November 2008
Comparing $p+p$ and $A+A$ collisions at RHIC: trivia, coincidences, and surprises
18. IV Workshop on Particle Correlations and Femtoscopy (WPCF08)
Krakow, Poland, Sept 2008
The multiplicity evolution of single-particle spectra at RHIC
19. Heavy Ion Forum
CERN, Geneva, Switzerland, Sept 2008
How different (really) are $p+p$ and $A+A$ collisions at RHIC?
20. Nuclear Physics and RIKEN Theory Seminar
Brookhaven National Laboratory, Upton, NY, August 2008
Is energy-momentum conservation masquerading as more interesting physics at RHIC?
21. 24th Winter Workshop on Nuclear Dynamics
South Padre Island, TX, April 2008
How interesting is momentum conservation? (How important is it?)
22. Glenn T. Seaborg Award Symposium in Honor of Romualdo de Souza
American Chemical Society
New Orleans, LA, April 2008
Collective bulk behaviour in $A+A$ (and $p+p$?) collisions
23. Nuclear and High Energy Physics Seminar
University of Texas, Austin, September 2007
Femtoscopy in high-energy collisions: a (too-universal) dynamical picture
24. XXXVII International Symposium on Multiparticle Dynamics (ISMD) 2007
Berkeley, CA, August 2007
A menu of expectations for femtoscopy 1.0 at LHC
25. III Workshop on Particle Correlations and Femtoscopy (WPCF07)
Santa Rosa, CA, August 2007
The status of the RHIC femtoscopic program
26. Heavy Ion Forum
CERN, Geneva, Switzerland, April 2007
Femtoscopy at the highest energies: from AGS/SPS/RHIC to LHC; from $p+p$ to $A+A$
27. ALICE LHC Physics Week
Muenster, Germany, February 2007
EMCICs and femtoscopic correlations in $p+p$ collisions at RHIC

28. Nuclear Physics Seminar
Kent State University, January 2007
Open questions in low- p_T physics at the highest energies
29. APS Division of Nuclear Physics Workshop on Heavy Ion Physics
Nashville, TN, October 2006
Open questions in low- p_T physics at the highest energies
30. Soft Physics in Heavy Ion Collisions (SPHIC06)
Catania, Italy, September 2006
Femtoscopy at the LHC: Expectations and Directions
31. 2nd Workshop on Particle Correlations and Femtoscopy (WPCF06)
Sao Paulo, Brasil, Sept 2006
Femtoscopy at the LHC: Expectations and Directions
32. Also at 2nd Workshop on Particle Correlations and Femtoscopy (WPCF06)
Sao Paulo, Brasil, Sept 2006
Fitted HBT radii versus space-time variances in flow-dominated models
33. Also at 2nd Workshop on Particle Correlations and Femtoscopy (WPCF06)
Sao Paulo, Brasil, Sept 2006
Correlations due to global conservation laws and the measurement of small systems
34. 7th International conference on quark confinement and the hadronic spectrum
Ponta Delgada, Azures, Portugal, August 2006
The bulk system at RHIC
35. Summer workshop on relativistic heavy ion physics
Nantes, France, July 2006
Status of the STAR femtoscopic program
36. Hot Quarks 2006
Sardinia, Italy, June 2006
Femtoscopy in heavy ion collisions: Wherefore, whence, and whither?
37. VIIth International Conference on strong and electroweak matter (SEWM)
Brookhaven National Laboratory, May 2006
The soft sector at RHIC - messages and open issues
38. Nuclear Physics Seminar
Wayne State University, November 2005
Femtoscopy and the soft sector of pp and AA collisions
39. Nuclear Physics Seminar
University of Rochester, October 2005
Multi-hadron correlations and the space-time structure of (heavy ion) collisions
40. Workshop on Particle Correlations and Femtoscopy (WPCF05)
Kroměříž, Czech Republic, August 2005
Femtoscopy in heavy ion collisions: Two decades of progress
41. XXXV International Symposium on Multiparticle Dynamics (ISMD) 2005
Kroměříž, Czech Republic, August 2005
Recent developments in femtoscopy at RHIC

42. XLV Cracow School of Theoretical Physics
Zakopane, Poland, June 2005
Two lectures on *RHIC physics - accomplishments and open questions*
and
Lecture to Polish national honors high school students: *High energy nuclear collisions*
43. School of Collective Dynamics in High-Energy Collisions
Berkeley, CA, May 2005
Two lectures on *Femtoscopy in heavy ion collisions*
44. XXI Winter Workshop on Nuclear Dynamics
Breckenridge, CO, February 2005
AA versus pp (\mathcal{E} dA): A puzzling scaling in HBT@RHIC
45. Joint Colloquium of Warsaw University and Warsaw University of Technology
Warsaw University, Poland, December 2004
Geometry-driven physics at RHIC
46. Physics Department Colloquium
Michigan State University, October 2004
Size Matters: the space-time geometry of subatomic collisions
47. Physics Department Colloquium
Ohio State University, September 2004
Size Matters: the space-time geometry of subatomic collisions
48. Sambamurti Memorial Prize Lecture
Brookhaven National Lab, July 2004
Size Matters: the space-time geometry of subatomic collisions
49. RHIC/AGS Users' Meeting, Session on Global Properties
Brookhaven National Lab, May 2004
The excitation function of two-particle correlations
50. Workshop on tracing the onset of deconfinement in nucleus-nucleus collisions
European Center for Theoretical Studies in Nuclear Physics
Trento, Italy, April 2004
Energy dependence of pion correlations
51. XVII International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions (Quark Matter 2004)
Oakland, CA, January 2004
Invited plenary presentation: *What have we learned so far? An experimental perspective.*
52. Workshop on QCD, Confinement and Heavy Ion Collisions
Tuscon, AZ, October 2003
sponsored by Division of Nuclear Physics, American Physical Society
Flow and correlations in the soft sector at RHIC
53. Second Warsaw Meeting on Particle Correlations and Resonances
Warsaw, Poland, October 2003
Azimuthally-sensitive HBT in STAR
54. Also at Second Warsaw Meeting on Particle Correlations and Resonances
Warsaw, Poland, October 2003
Conference Summary

55. XXXIII International Symposium on Multiparticle Dynamics (ISMD)
Krakow, Poland, September 2003
Azimuthally-sensitive intensity interferometry at RHIC
Proceedings: Acta Physica Polonica B35 37 (2004)
56. 8th Conference on Intersections between Particle and Nuclear Physics
New York City, NY, May 2003
The Blast-Wave parameterization of the freeze-out configuration at RHIC
57. 19th Winter Workshop on Nuclear Dynamics
Breckenridge, Colorado, February 2003
Azimuthally-sensitive intensity interferometry at RHIC, and a consistent picture of freeze-out at low p_T
58. Heavy Ion Forum, 18 October 2002
European Organization for Nuclear Physics (CERN), Geneva, Switzerland
Heavy ion collision dynamics from the soft sector at RHIC
59. Nuclear Physics Seminar
Indiana University/IUCF, 4 October 2002
Two-particle correlations and heavy ion collision dynamics at RHIC/STAR
60. XXXII International Symposium on Multiparticle Dynamics (ISMD)
Alushta, Crimea, Ukraine, 7-13 September 2002
HBT in Non-Central Collisions at RHIC Proceedings, A. Sissakian, G. Kozlov, E. Kolganova eds., World Scientific (2003); nucl-ex/0301005.
61. From STAR to ALICE via Warsaw – International Workshop on Intensity Interferometry in Relativistic Heavy Ion Physics
Warsaw, Poland, May 2002
Azimuthally-sensitive Intensity Interferometry in Au+Au Collisions at $\sqrt{s_{NN}} = 130$ GeV
62. Also at the International Workshop on Intensity Interferometry in Relativistic Heavy Ion Physics
Warsaw, Poland, May 2002
The STAR Experiment at RHIC– An Overview
63. American Physical Society Invited Presentation
Albuquerque, New Mexico, April 2002
Recent Results from STAR
64. Triangle Universities Nuclear Theory Colloquium
Duke University, April 2002
Flow and Interferometry as Measured by the STAR Experiment at RHIC
65. RHIC Winter Workshop 2002 on Correlations and Fluctuations in Heavy-Ion Collisions at RHIC (RWW02)
Seattle, WA, Jan 2002
An HBT excitation function and novel physics from azimuthally-sensitive 2-pion correlations
66. Nuclear Physics Seminar
Kent State University, October 2001
First Results from the STAR Experiment at RHIC: Emergence of a Consistent Picture?

67. Nuclear Physics Seminar
University of Illinois, Urbana-Champaign, October 2001
First Results from the STAR Experiment at RHIC: Emergence of a Consistent Picture?
68. American Chemical Society, Nuclear Division Symposium on RHIC Physics
Chicago, IL, 26-30 August 2001
Intensity interferometry in ultra-relativistic heavy ion collisions
69. Quark Matter 2001
XV International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions
Stony Brook, New York, January 2001
Invited plenary presentation *Recent results from AGS experiment E895*
Nucl. Phys. A698, 2002 185c
70. 2000 RHIC-AGS User's Meeting
Brookhaven National Laboratory, 7-8 August 2000
First Results from the STAR Collaboration
71. IVth Rencontres du Vietnam
Hanoi, Vietnam, 19-25 July 2000
The STAR Experiment at RHIC
72. 7th Conference on Intersections between Particle and Nuclear Physics
Quebec, Canada, May 22-28, 2000
Flow and HBT at the AGS
"Intersections of Particle and Nuclear Physics, 7th Conference, CIPANP2000," Z. Parsa and W. Marciano, eds., American Institute of Physics, 2000, p. 355
73. Nuclear Physics Seminar
Brookhaven National Laboratory, March 28 2000
Pion HBT for Central and Non-central Au+Au Collisions at the AGS
74. RNC Nuclear Physics Seminar
Lawrence Berkeley National Lab, Berkeley, CA, March 2000
Tilted Pion Sources and Azimuthal Dependence of HBT Radii
75. Nuclear Physics Seminar
University of California, Davis, March 2000
Tilted Pion Sources and Azimuthal Dependence of HBT Radii
76. RHIC 2000 - Combined 5th RHIC-INT Workshop and 16th Winter Workshop on Nuclear Dynamics
Park City, UT, March, 2000
Interferometry with Respect to the Reaction Plane in Relativistic Heavy Ion Collisions
77. XIV International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions
(Quark Matter '99)
Torino, Italy, May, 1999
(contributed presentation) *Beam Energy Evolution of HBT Systematics at the AGS*
Proceedings published as Nucl. Phys. **A661**, 444c
78. Relativistic Heavy Ion Minisymposium on HBT
APS Centennial Meeting
Atlanta, GA, March, 1999
Beam Energy Evolution of π HBT Systematics at the AGS

79. 15th Winter Workshop on Nuclear Dynamics
Park City, UT, January, 1999
An HBT Excitation Function at the AGS “Advances in Nuclear Dynamics 5”
W. Bauer and G.D. Westfall, eds., Kluwer Academic Press, 1999, p. 147
80. RHIC/INT Winter Workshop
Lawrence Berkeley National Lab, January, 1999
Collective Flow Measurements: Selected Results from Low and High Energies
Presentation may be viewed at <http://www-rnc.lbl.gov/~nxu/workshop/talk23/index.html>
81. Nuclear Physics Seminar
Wayne State University, December, 1998
Geometry and Flow at the AGS in π^- HBT – An Excitation Function
82. Nuclear Physics Seminar
Michigan State University, December, 1998
Geometry and Flow at the AGS in π^- HBT – An Excitation Function
83. Gordon Research Conference on Nuclear Chemistry
New London, New Hampshire, June 1998
HBT Studies from the E895 Experiment
84. 2nd Catania Relativistic Ion Studies (CRIS98)
Catania, Italy, June 1998
An HBT Excitation Function at the AGS– Experiment E895
“Measuring the Size of Things in the Universe: HBT Interferometry and Heavy Ion Physics,” S. Costa, S. Albergo, A. Insolia, C. Tuve, eds., World Scientific, 1999, p. 357
85. Nuclear Physics Seminar
Kent State University, June, 1998
Probing the Space-time Evolution of Heavy Ion Collisions with pion Correlations
86. Workshop on Decay of Hot Dense Nuclear Matter: A Systematic View
Joint APS/AAPT Spring Meeting
Columbus, OH, April, 1998
Bombarding Energy Dependence of Flow and HBT in Au+Au Collisions at the AGS
87. 14th Winter Workshop on Nuclear Dynamics
Snowbird, UT, 31 Jan 1998
The E895 π^- Correlation Analysis– A Status Report
“Advances in Nuclear Dynamics 4,” W. Bauer and H.G. Ritter, eds., Plenum Press, 1998, p. 183
88. Sixth Conference on the Intersections of Particle and Nuclear Physics
Big Sky, MT, 30 May 1997
AGS Experiment E895: A Flow Excitation Function
89. Workshop on Nuclear Physics
Burr Oak, OH, 3 May 1997
Collective Flow Studies at the Bevalac and AGS
90. Mini-Symposium on Probing Dense Matter
Joint APS/AAPT Spring Meeting
Washington, D.C., April 1997
Flow in Heavy Ion Collisions at Low to Relativistic Energies

91. Nuclear Physics Seminar
Michigan State University, December, 1996
Flow in Au+Au Collisions with the EOS TPC: Past, Present, and Future
92. International Research Workshop on Heavy Ion Physics at Low, Intermediate, and Relativistic Energies using 4π Detectors
Poiana Braşov, Romania, October, 1996
Flow and Spectra for Light Fragments from Au+Au Collisions in the EOS TPC
“Proceedings of the International Workshop on Heavy Ion Physics at Low, Intermediate, and Relativistic Energies using 4π Detectors,” M. Petrovici, A. Sandulescu, D. Pelte, H. Stöcker, and J. Randrup, eds. World Scientific, 1997, p. 194
93. Physics Department Colloquium
Ohio State University, February 1996
Collective Motion in Heavy Ion Collisions at $E/A \sim 1$ GeV
94. American Chemical Society Symposium on Hot and Expanding Nuclear Matter,
Chicago, August, 1995
Recent Flow Results from the EOS TPC
95. Nuclear Science Division Colloquium
Lawrence Berkeley Laboratory, February, 1995
Progress in Collective Flow Studies in Low and Intermediate Energy Heavy Ion Collisions
96. Winter Workshop on Nuclear Dynamics
Key West, Florida, February, 1995
Progress in Collective Flow Studies From the Onset to Bevalac/SIS
“Advances in Nuclear Dynamics,” W. Bauer and A. Mignerey, eds., Plenum Press, 1996, p. 161
97. Nuclear Science Advisory Committee (NSAC) Heavy Ion Town Meeting
Brookhaven National Lab, January, 1995
Collective Flow: From the Onset to Bevalac/SIS
98. Second International Symposium on Nuclear Physics at Storage Rings
St. Petersburg, Russia, May, 1994
Measurement of Radial Flow in Au+Au Collisions with the EOS TPC
99. 9th High Energy Heavy Ion Study
Lawrence Berkeley Laboratory, October, 1993
Lifetime Effects in Two-Proton Correlations in Heavy Ion Collisions
“Proceedings of the 9th High Energy Heavy Ion Study,” A.D. Chacon, M. Justice, and H.G. Ritter, eds., LBL-35984, 1994, p. 171