Michael Annan Lisa

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Citizenship: United States

Education

1993 Ph.D. (Physics), Michigan State University, East Lansing, MI
1990 M.A. (Physics), State University of New York at Stony Brook, Stony Brook, NY
1988 B.S. (Physics), University of Notre Dame, South Bend, IN

Positions

Oct 2005 - present	Professor, The Ohio State University
Oct 2001 - Oct 2005	Associate Professor, The Ohio State University
Sep 1996 - Sep 2001	Assistant Professor, The Ohio State University
Sep 1993 - Sep 1996	Postdoctoral Research Associate, Lawrence Berkeley National Lab
Aug 1990 - Sep 1993	Research Assistant, Michigan State University and National Superconducting Cyclotron Laboratory
Jan 1989 - Jul 1990	Research Assistant, State University of New York at Stony Brook

Publications and Presentations

- 400+ (non-proceedings) publications in refereed journals.
- 150+ presentations, including 90+ presentations at conferences and workshops
- Undergraduate textbook The Physics of Sports, © 2016 McGraw-Hill, publisher

Professional Honors

Fellow of the American Physical Society	2004-present
Finalist, Outstanding Teaching Award Federation of Arts and Sciences Colleges Student Council	2004
Sambamurti Memorial Prize Lectureship	2004
Recipient, Grant in Areas of National Need (GANN) Fellowship	1991 and 1992

Professional Activities

Nuclear Science Advisory Committee (DOE Office of Science)	2016-2018
APS Division of Nuclear Physics Fellowship Committee	2013-2014
U.S. Nuclear Science Long Range Plan Drafting Committee	2014-2015
Faculty Compensation and Benefits Committee, Ohio State	2013-2016
Graduate Council, Ohio State University	2012-2016
University Senator, Ohio State University	2011-2014
NSF Site Visit and Review Panel (Chair) - Florida State	2007,2010
NSF Site Visit and Review Panel - UIUC	2002
RHIC/AGS User's Executive Committee	2001-03, 2005-06
Coordinator, ALICE Femtoscopy Working Group	2007-2011
Co-convenor, STAR Bulk Correlations Physics Working Group	2008-2009
STAR Collaboration Physics Analysis Coordinator	2001-2002
STAR Collaboration Council	2007-present
Co-convener, STAR HBT Physics Working Group	1999-2008
Referee for Physical Review Letters, Physical Review **C**, Nuclear Physics, Physics Letters **B**, European Physics Journal, DOE and NSF grants	frequent

Conferences/Workshops Organized or Co-organized

LOC for Quark Matter 2017	Feb 2017
STAR Collaboration Meeting, Columbus, OH	Sept 2016
Institute for Nuclear Theory Program on Heavy Ion Energy Scan, Seattle	Sept 2016
Workshop on Flow in ULtraRelativistICH HEavy IoNZ, CERN, Switzerland	July 2016
RBRC Workshop on RHIC Energy Scan, Brookhaven Lab	Feb 2015
Symposium in Honor of John Cramer, U. Washington, Seattle WA	Sept 2009
Workshop on high-p_T probes and the Underlying Event, BNL	June 2009
Discussion Organizer, Gordon Conference on Nuclear Chemistry	June 2006
Coordinator, workshop series at RHIC/AGS Users' Meeting, BNL	June 2006
Midwest Critical Mass workshop, Toledo, OH	October 2005
Workshop on Femtoscopy at RHIC, Brookhaven National Lab	June 2005
International Advisory Committee	
Workshop on Particle Correlations and Femtoscopy	2005-present
XX$^{\text{th}}$ Winter Workshop on Nuclear Dynamics, Tralawny, Jamaica,	March 2004
RHIC/AGS Users' Meeting, Brookhaven National Lab	October, 2002
RHIC Workshop on HBT and Elliptic Flow, Brookhaven National Lab	June 2002
Institute for Nuclear Theory Winter Workshop: "Correlations and	
Fluctuations in Heavy-Ion Collisions at RHIC," Seattle, WA	Jan 2002
Organizer, Relativistic Heavy Ion Session	
of 2000 Gordon Conference on Nuclear Chemistry	June 2000
Workshop on Decay of Hot Dense Nuclear Matter	
Joint APS/AAPT Spring Meeting, Columbus, OH	April 1998

Research Support

- NSF Grant PHY–9722653 "Relativistic Heavy Ion Collisions at AGS and RHIC," Sole P.I. $375,000, July 1997 - June 2000; supplemented with $72,000 for July - December 2000
- OSU Seed Grant "Graduate Research on Ultrarelativistic Heavy Ion Collisions in the STAR experiment at RHIC," Sole P.I. $17,000 1998
- NSF Grant PHY–0099476, "Relativistic Heavy Ion Collision Studies with the RHIC STAR Experiment," Co-P.I. (with Tom Humanic and Evan Sugarbaker) $1,200,000 July 2001 - June 2004; supplemented with $50,000 for January - June 2001
- NSF Grant PHY–0355007, "Relativistic Heavy Ion Collision Studies at RHIC and the LHC," Co-P.I. (with Tom Humanic and Evan Sugarbaker) $1,300,000 July 2004 - June 2007
- NSF Grant PHY–0653432, "Relativistic Heavy Ion Collision Studies at the LHC and RHIC," Co-P.I. (with Tom Humanic) $1,350,000 July 2007 - June 2010
- NSF Grant PHY–0970048, "Relativistic Heavy Ion Collision Studies at the LHC and RHIC," Co-P.I. (with Tom Humanic) $1,500,000 July 2010 - June 2013
- NSF Grant PHY–1307188, "Relativistic Heavy Ion Collision Studies at the LHC and RHIC," Co-P.I. (with Tom Humanic) $1,400,000 July 2013 - June 2016

Very Brief Research Statement

My research focus over the past several years has been on the experimental study of relativistic heavy ion collisions, with a goal of understanding the bulk properties of strongly-interacting matter under extreme conditions. My group's physics program has included systematic measurements at the Alternating Gradient Synchrotron (AGS) the Relativistic Heavy Ion Collider (RHIC) and the Larch Hadron Collider (LHC). A particular interest and strength of my group is the study of the space-time substructure of the collisions, as probed by two-particle intensity interferometry, a.k.a. femtoscopy. These measurements turn out to be critical to understand the collective response of the system at ultra-high energy densities and pressure. My group also performs and publishes theory/model studies to elucidate the physics mechanisms driving measurements in the field.

Publications

Textbook

- The Physics of Sports, McGraw-Hill Higher Education; ISBN 978-0-07-351397-3; © 2016

Review articles

- "Femtoscopy in Relativistic Heavy Ion Collisions: Two Decades of Progress"
  M.A. Lisa, S. Pratt, R. Soltz, and U. Wiedemann
  Ann. Rev. Nucl. Part. Sci. **55** 311 (2005)
- "Femtoscopically probing the freeze-out configuration in heavy ion collisions"
  M.A. Lisa and S. Pratt
  invited review chapter for the book Relativistic Heavy Ion Physics, ed. R. Stock
  Springer-Verlag Berlin Heidelberg, 2010. DOI: 10.1007/978-3-642-01539-7_21

Papers in Refereed Journals

1. "Multifragment disintegration of the $^{129}Xe + ^{197}Au$ 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 $^{36}Ar + ^{197}Au$ 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 $^{36}Ar + ^{197}Au$ and $^{129}Xe + ^{197}Au$ 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 $^{36}Ar + ^{197}Au$ 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 $^{129}Xe + ^{nat}Cu$ 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 $^{36}Ar + ^{45}Sc$ 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 $^{197}Au + ^{197}Au$ 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. Mller, 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 $^{84}Kr + ^{197}Au$ 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 $^{36}Ar + ^{45}Sc$ 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 $^{36}Ar + ^{197}Au$ 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. Mller, 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. Mller, 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. Tincknell, 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 $^{129}Xe+^{nat}Cu$ 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
Phys. Rev. Lett. **76**, 2646 (1996)

42. "Squeeze-out of nuclear matter in Au+Au collisions"
M.B. Tsang, P. Danielewicz, W.C. Hsi, M. Huang, W.G. Lynch, D.R. Bowman, C.K. Gelbke, M.A. Lisa, G.F. Peaslee, R.J. Charity, L.G. Sobotka, M.L. Begemann-Blaich, F. Cosmo, A. Ferrero, J. Hubele, G. Imme, I. Iori, J. Kempter, P. Kreutz, G.J. Kunde, W.D. Kunze, V. Lindenstruth, U. Lynen, M. Mang, A. Moroni, W.F.J. Müller, N. Neumann, B. Ocker, C.A. Ogilvie, J. Pochodzalla, G. Raciti, F. Rosenberger, T. Rubehn, H. Sann, R. Scaraoni, A. Schüttauf, C. Schwarz, W. Seidel, V. Serfling, W. Trautmann, A. Tucholski, A. Wörner, and B. Zwieglinski
Phys. Rev. **C53**, 1959 (1996)

43. "In-plane Retardation of Collective Expansion in Au+Au Collisions,"
S. Wang, 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, P.G. Warren, G.D. Westfall, H.H Wieman, and K. Wolf
Phys. Rev. Lett. **76**, 3911 (1996)

44. "Changing source characteristics during multifragment decay"
T.M. Hamilton, E. Cornell, 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, A.A. Sonzogni, and D. Prindle
Phys. Rev. **C53**, 2273 (1996)

45. "Front End Electronics for the STAR TPC"
S.R. Klein, P. Barale, E. Beuville, F. Bieser, K. Dao, S. Kleinfelder, V. Lindenstruth, M.A. Lisa, C. McParland, T. Noggle, H.G. Ritter, C. Vu, H. Wieman, A. Aluyshin, and M. Aluyshin
IEEE Trans. Nucl. Sci. **43**, 1768 (1996)

46. "A Low Noise Amplifier-Shaper with Tail Correction for the STAR Detector,"
E. Beuville, P. Barale, F. Bieser, W. Hearn, S.R. Klein, M.A. Lisa, T. Noggle, H.G. Ritter, C. Vu, and H. Wieman
IEEE Trans. Nucl. Sci. **43**, 1619 (1996)

47. "Dynamics of the multifragmentation of 1 A GeV Gold on Carbon"
J.A. Hauger, 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, 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. Tuvé, S. Wang, P.G. Warren, H.H Wieman, T. Wienold, and K. Wolf.
Phys. Rev. Lett. **77**, 235 (1996)

48. "Individual fragment yields and determination of the critical exponent sigma"
J.B. Elliot, S. Albergo, F. Bieser, F.P. Brady, Z. Caccia, C. Cebra, A.D. Chacon, J. Chance,

Y. Choi, S. Costa, 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. Tuvé, S. Wang, P.G. Warren, H.H Wieman, T. Wienold, and K. Wolf.
Phys. Lett. **B381**, 35 (1996)

49. "Reducibility and thermal and mass scaling in angular correlations from multifragmentation reactions"
L. Phair, L.G. Moretto, G.J. Wozniak, 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. **77**, 822 (1996)

50. "Charge correlations and dynamical instabilities in the multifragmentation emission process"
L.G. Moretto, T. Rubehn, L. Phair, N. Colonna, G.J. Wozniak, 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, and C. Williams
Phys. Rev. Lett. **77**, 2634 (1996)

51. "Universality of spectator fragmentation at relativistic bombarding energies"
A. Schüttauf, W.D. Kunze, A. Worner, M. Begemann-Blaich, T. Blaich, D.R. Bowman, R.J. Charity, A. Cosmo, A. Ferrero, C.K. Gelbke, C. Gross, W.C. Hsi, J. Hubele, G. Imme, I. Iori, J. Kempter, P. Kreutz, G.J. Kunde, V. Lindenstruth, M.A. Lisa, W.G. Lynch, U. Lynen, M. Mang, T. Molenkamp, A. Moroni, W.F.J. Müller, M. Neumann, B. Ocker, C.A. Ogilvie, G.F. Peaslee, J. Pochodzalla, G. Raciti, F. Rosenberger, T. Rubehn, H. Sann, C. Schwarz, W. Seidel, V. Serfling, L.G. Sobotka, J. Stroth, L. Stuttge, S. Tomasevic, W. Trautmann, A. Trzcinski, M.B. Tsang, A. Tucholski, G. Verde, C.W. Williams, E. Zude, and B. Zwieglinski
Nucl. Phys. **A 607**, 457 (1996)

52. "Mass dependence of directed collective flow"
M.J. Huang, R.C. Lemmon, F. Daffin, W.G. Lynch, C. Schwarz, M.B. Tsang, C. Williams, P. Danielewicz, K. Haglin, W. Bauer, N. Carlin, R.J. Charity, R.T. de Souza, C.K. Gelbke, W.C. Hsi, G.J. Kunde, M.C. Lemaire, M.A. Lisa, U. Lynen, G.F. Peaslee, J. Pochodzalla, H. Sann, L.G. Sobotka, S.R. Souza, and W. Trautmann
Phys. Rev. Lett. **77**, 3739 (1996)

53. "Investigating the evolution of multifragmenting systems with fragment emission order"
E.W. 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, 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. **77**, 4508 (1996)

54. "Fragment multiplicity dependent charge distributions in heavy ion collisions"
M.B. Tsang, C. Williams, M.J. Huang, W.G. Lynch, L. Phair, D.R. Bowman, J. Dinius, C.K. Gelbke, D.O. Handzy, W.C. Hsi, G.J. Kunde, M.A. Lisa, G.F. Peaslee, A. Botvina, M.C. Lemaire, S.R. Souza, G. VanBuren, R.J. Charity, L.G. Sobotka, C. Schwarz, U. Lynen, J. Pochodzalla, H. Sann, W. Trautmann, D. Fox, R.T. deSouza, and N. Carlin
Phys. Rev. **C55**, R557 (1997)

55. "The energy dependence of flow in Ni induced collisions from 400A to 1970A MeV"
J. Chance, S. Albergo, F. Bieser, F.P. Brady, Z. Caccia, D. Cebra, A.D. Chacon, Y. Choi, S. Costa, J.B. Elliott, M. Gilkes, J.A. Hauger, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D. Keane, J.C. 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. Scharenberg, A. Scott, Y. Shao, B. Srivastava, T.J.M. Symons,

M. Tincknell, C. Tuve, S. Wang, P. Warren, H.H. Wieman, T. Wienold, and K. Wolf
Phys. Rev. Lett.**78**, 2535 (1997)

56. "Fragment distributions for highly charged systems"
C. Williams, W.G. Lynch, C. Schwarz, M.B. Tsang, W.C. Hsi, M.J. Huang, D.R. Bowman, J. Dinius, C.K. Gelbke, D.O. Handzy, G.J. Kunde, M.A. Lisa, G.F. Peaslee, L. Phair, A. Botvina, M.C. Lemaire, S.R. Souza, G. VanBuren, R.J. Charity, L.G. Sobotka, U. Lynen, J. Pochodzalla, H. Sann, W. Trautmann, D. Fox, R.T. deSouza, and N. Carlin
Phys. Rev.**C55**, R2132 (1997)

57. "Pion flow and antiflow in 1.15 A GeV Au+Au"
J.C. Kintner, S. Albergo, F. Bieser, F.P. Brady, Z. Caccia, D. Cebra, A.D. Chacon, J. Chance, Y. Choi, S. Costa, J.B. Elliott, M. Gilkes, J.A. Hauger, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D. Keane, 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. Scharenberg, A. Scott, Y. Shao, B. Srivastava, T.J.M. Symons, M. Tincknell, C. Tuve, S. Wang, P. Warren, H.H. Wieman, T. Wienold, and K. Wolf
Phys. Rev. Lett.**78**, 4165 (1997)

58. "Results from the STAR TPC system test"
W. Betts, F. Bieser, R. Bossingham, M. Botlo, M. Cherney, J. Chrin, P. Colarco, H. Crawford, K. Dao, H. Diaz, D.E. Greiner, L. Greiner, E.L. Hjort, S. Jacobson, R.C. Jared, E. Judd, S.R. Klein, A.N. Lebedev, M.J. LeVine, V. Lindenstruth, M.A. Lisa, K. Marks, C. McParland, T.S. McShane, J. Meier, M.T. Nguyen, D.L. Olson, I. Sakrejda, J. Schambach, R.A. Scheetz, N.T.B. Stone, C.E. Tull, G. Visser, C. Vu, H. Wieman, and E. Yee
IEEE Trans. on Nucl. Science **44**, 592 (1997)

59. "Delta Resonance Production in 58Ni+Cu Collisions at E=1.97A GeV"
E.L. Hjort, 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, A. Insolia, M. Justice, D. Keane, J.C. Kintner, V. Lindenstruth, M.A. Lisa, H.S. Matis, M. McMahan, C. McParland, W.F.J. Muller, 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.P. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, T.J.M. Symons, M. Tincknell, C. Tuve, S. Wang, P. Warren, H.H. Wieman, T. Wienold, K. Wolf
Phys. Rev. Lett. **79**, 4345 (1997)

60. "Multifragmentation of the remnant produced in the reaction of 1AGeV gold with carbon"
J.A. Hauger, P. Warren, 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, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D. Keane, J.C. Kintner, V. Lindenstruth, M.A. Lisa, H.S. Matis, M. McMahan, C. McParland, W.F.J. Muller, 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.P. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, T.J.M. Symons, M. Tincknell, C. Tuve, S. Wang, H.H. Wieman, T. Wienold, and K. Wolf
Phys. Rev. **C57**, 764 (1998)

61. "Dynamics of radial collective energy in near central collisions for 1 AGeV Au+C"
J. Lauret, S. Albergo, F. Bieser, N.N. Ajitanand, J.M. Alexander, F.P. Brady, Z. Caccia, D.A. Cebra, A.D. Chacon, J.L. Chance, Y. Choi, P. Chung, S. Costa, P. Danielewicz, J.B.Elliott, M.L. Gilkes, J.A. Hauger, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D. Keane, J.C. Kintner, R. Lacey, V. Lindenstruth, M.A. Lisa, H.S. Matis, R. McGrath, M. McMahan, C. McParland, W.F.J. Muller, 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.P. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, T.J.M. Symons, M. Tincknell, C. Tuve, S. Wang, P. Warren, H.H. Wieman, T. Wienold, and K. Wolf
Phys. Rev. **C57**, R1051 (1998)

62. "Disappearance of rotational flow and reaction plane dispersions in Kr+Au collisions"
W.Q. Shen, M.B. Tsang, N. Carlin, R.J. Charity, J. Feng, C.K. Gelbke, W.C. Hsi, M.J. Huang, G.J. Kunde, M.-C. Lemaire, M.A. Lisa, W.G. Lynch, U. Lynen, Y.G. Ma, G.F. Peaslee, L. Phair, J. Pochodzalla, H. Sann, C. Schwarz, L.G. Sobotka, R.T. deSouza, S.R. Souza, W. Trautmann, and C. Williams
Phys. Rev. **C57**, 1508 (1998)

63. "The search for the scaling function in the multifragmentation of gold nuclei"
J.B. Elliott, S. Albergo, F. Bieser, F.P. Brady, Z. Caccia, D.A. Cebra, D.A. Chacon, J.L Chance, Y. Choi, S. Costa, M.L. Gilkes, J.A. Hauger, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D.Keane, J.C. Kintner, V. Lindenstruth, M.A. Lisa, H.S. Matis, M. McMahan, C. McParland, W.F.J. Muller, 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.P. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, T.J.M. Symons, M. Tincknell, C. Tuve, S. Wang, P.G. Warren, H.H. Wieman, T. Wienold, and K. Wolf
Phys. Lett. **B418**, 34 (1998)

64. "Thermal source parameters in Au+Au central collisions at 35 A MeV"
P. Desesquelles, M. DAgostino, A.S. Botvina, M. Bruno, N. Colonna, A. Ferrero, M.L. Fiandri, E. Fuschini, F. Gramegna, I. Iori, G.V. Margagliotti, P.F. Mastinu, P.M. Milazzo, A. Moroni, F. Petruzzelli, R. Rui, G. Vannini, J.D. Dinius, C.K. Gelbke, T. Glasmacher, D.O. Handzy, W.C. Hsi, M. Huang, M.A. Lisa, W.G. Lynch, C.P. Montoya, G.F. Peaslee, L. Phair, C. Schwarz, M.B. Tsang, and C. Williams
Nucl. Phys. **A633**, 547 (1998)

65. "Lambda hyperons in 2 A GeV Ni+Cu collisions"
M. Justice, 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. Hauber, A.S. Hirsch, E.L. Hjort, A. Insolia, D. Keane, J.C. Kintner, M.A. Lisa, H. Liu, H.S. Matis, R. McGrath, M. McMahan, C. McParland, D.L. Olson, M.D. Partlan, N.T. Porile, R. Potenza, G. Rai, J.O. Rasmussen, H.G. Ritter, J. Romanski, J.L. Romero, G.V. Russo, R.P. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, J.T.M. Symons, M. Tincknell, C. Tuve, S. Wang, P.G. Warren, D. Weerasundara, H.H. Wieman, T. Wienold, and K. Wolf
Phys. Lett. **B440**, 12 (1998)

66. "Elliptic Flow: Transition from Out-of-Plane to In-Plane Emission in Au + Au Collisions"
C. Pinkenburg, N.N. Ajitanand, J.M. Alexander, M. Anderson, D. Best, F.P. Brady, T. Case, W. Caskey, D. Cebra, J.L. Chance, P. Chung, B. Cole, K. Crowe, A.C. Das, J.E. Draper, M.L. Gilkes, S. Gushue, M. Heffner, A.S. Hirsch, E.L. Hjort, L. Huo, M. Justice, M. Kaplan, D. Keane, J.C. Kintner, J. Klay, D. Krofcheck, R.A. Lacey, C. Law, J. Lauret, M.A. Lisa, H. Liu, Y.M. Liu, R. McGrath, Z. Milosevich, G. Odyniec, D.L. Olson, S.Y. Panitkin, N.T. Porile, G. Rai, H.G. Ritter, J.L. Romero, R. Scharenberg, L. Schroeder, B. Srivastava, N.T.B. Stone, T.J.M. Symons, J. Whitfield, T. Wienold, R. Witt, L. Wood, W.N. Zhang
Phys. Rev. Lett. **83** 1295 (1999)

67. "Statistical interpretation of the correlation between intermediate mass fragment multiplicity and transverse energy"
L. Phair, L. Beaulieu, L.G. Moretto, G.J. Wozniak, D.R. Bowman, N. Carlin, L. Celano, N. Colonna, J.D. Dinius, A. Ferrero, C.K. Gelbke, T. Glasmacher, F. Gramegna, D.O. Handzy, W.C. Hsi, M.J. Huang, I. Iori, Y.D. Kim, M.A. Lisa, W.G. Lynch, G.V. Margagliotti, P.F. Mastinu, P.M. Milazzo, C.P. Montoya, A. Moroni, G.F. Peaslee, R. Rui, C. Schwarz, M.B. Tsang, K. Tso, G. Vannini, and F. Zhu
Phys. Rev. **C60**, 4617 (1999)

68. "Comparison of the 1 AGeV Au+C Interaction with First-Stage Transport Codes"
B.K. Srivastava, 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. Hauber, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D. Keane, J.C. Kintner, M.A. Lisa, H. Liu, H.S. Matis, R. McGrath,

M. McMahan, C. McParland, D.L. Olson, M.D. Partlan, N.T. Porile, R. Potenza, G. Rai, J.O. Rasmussen, H.G. Ritter, J. Romanski, J.L. Romero, G.V. Russo, R.P. Scharenberg, A. Scott, Y. Shao, J.T.M. Symons, M. Tincknell, C. Tuve, S. Wang, P.G. Warren, D. Weerasundara, H.H. Wieman, T. Wienold, and K. Wolf
Phys. Rev. **C60** 4606 (1999)

69. "Bombarding Energy Dependence of π^- Interferometry at the Brookhaven AGS "
M.A. Lisa, N.N. Ajitanand, J.M. Alexander, M. Anderson, D. Best, F.P. Brady, T. Case, W. Caskey, D. Cebra, J.L. Chance, P. Chung, B. Cole, K. Crowe, A.C. Das, J.E. Draper, M.L. Gilkes, S. Gushue, M. Heffner, A.S. Hirsch, E.L. Hjort, L. Huo, M. Justice, M. Kaplan, D. Keane, J.C. Kintner, J. Klay, D. Krofcheck, R.A. Lacey, C. Law, J. Lauret, H. Liu, Y.M. Liu, R. McGrath, Z. Milosevich, G. Odyniec, D.L. Olson, S.Y. Panitkin, C. Pinkenburg, N.T. Porile, G. Rai, H.G. Ritter, J.L. Romero, R. Scharenberg, L. Schroeder, B. Srivastava, N.T.B. Stone, T.J.M. Symons, J. Whitfield, T. Wienold, R. Witt, L. Wood, W.N. Zhang
Phys. Rev. Lett. **84** 2798 (2000)

70. "Sideward Flow in Au + Au Collisions Between 2A GeV and 8A GeV"
H. Liu, N.N. Ajitanand, J.M. Alexander, M. Anderson, D. Best, F.P. Brady, T. Case, W. Caskey, D. Cebra, J.L. Chance, P. Chung, B. Cole, K. Crowe, A.C. Das, J.E. Draper, M.L. Gilkes, S. Gushue, M. Heffner, A.S. Hirsch, E.L. Hjort, L. Huo, M. Justice, M. Kaplan, D. Keane, J.C. Kintner, J. Klay, D. Krofcheck, R.A. Lacey, C. Law, J. Lauret, M.A. Lisa, Y.M. Liu, R. McGrath, Z. Milosevich, G. Odyniec, D.L. Olson, S.Y. Panitkin, C. Pinkenburg, N.T. Porile, G. Rai, H.G. Ritter, J.L. Romero, R. Scharenberg, L. Schroeder, B. Srivastava, N.T.B. Stone, T.J.M. Symons, J. Whitfield, T. Wienold, R. Witt, L. Wood, W.N. Zhang
Phys. Rev. Lett. **84**, 5488 (2000)

71. "Universality in Fragment Inclusive Yields from Au + Au Collisions"
A. Insolia, C. Tuve, S. Albergo, F. Bieser, F.P. Brady, FP Z. Caccia, D. Cebra, A.D. Chacon, J.L. Chance, Y. Choi, S. Costa, J.B. Elliott, M. Gilkes, J.A. Hauger, A.S. Hirsch, E.L. Hjort, 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.O. Rasmussen, H.G. Ritter, J. Romanski, J.L. Romero, G.V. Russo, R. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, T.J.M Symons, M.L. Tincknell, S. Wang, P.G. Warren, H.H. Wieman, T. Wienold, and K.L. Wolf
Phys. Rev. **C 61**, 044902 (2000)

72. "Antiflow of K_s^0 Mesons in 6 AGeV Au+Au Collisions"
P. Chung, N.N. Ajitanand, J.M. Alexander, M. Anderson, D. Best, F.P. Brady, T. Case, W. Caskey, D. Cebra, J.L. Chance, B. Cole, K. Crowe, A.C. Das, J.E. Draper, M.L. Gilkes, S. Gushue, M. Heffner, A.S. Hirsch, E.L. Hjort, L. Huo, M. Justice, M. Kaplan, D. Keane, J.C. Kintner, J. Klay, D. Krofcheck, R.A. Lacey, C. Law, J. Lauret, M.A. Lisa, H. Liu, Y.M. Liu, R. McGrath, Z. Milosevich, G. Odyniec, D.L. Olson, S.Y. Panitkin, C. Pinkenburg, N.T. Porile, G. Rai, H.G. Ritter, J.L. Romero, R. Scharenberg, L. Schroeder, B. Srivastava, N.T.B. Stone, T.J.M. Symons, J. Whitfield, T. Wienold, R. Witt, L. Wood, W.N. Zhang
Phys. Rev. Lett. **85**, 940 (2000)

73. "Tilted Pion Sources from Azimuthally Sensitive HBT Interferometry"
M.A. Lisa, U. Heinz, and U.A. Wiedemann
Phys. Lett. **B489**, 287 (2000)

74. "Two-stage multifragmentation of 1A GeV Kr, La, and Au"
J.A. Hauger, P. Warren, B.K. Srivastava, 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, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D. Keane, J.C. Kintner, V. Lindenstruth, M.A. Lisa, H.S. Matis, M. McMahan, C. McParland, W.F.J. Muller, 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.P. Scharenberg, A. Scott, Y. Shao, T.J.M. Symons, M. Tincknell, C. Tuve, S. Wang, H.H. Wieman, T. Wienold, and K. Wolf
Phys. Rev. **C62** 4616 (2000)

75. "Nuclear multifragmentation, percolation, and the Fisher droplet model: Common features of reducibility and thermal scaling"
J.B. Elliott, L.G. Moretto, L. Phair, G.J. Wozniak, S. Albergo, F. Bieser, F.P. Brady, Z. Caccia, D.A. Cebra, A.D. Chacon, J.L. Chance, Y. Choi, S. Costa, M.L. Gilkes, J.A. Hauger, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D. Keane, J.C. Kintner, V. Lindenstruth, M.A. Lisa, H.S. Matis, M. McMahan, C. McParland, W.F.J. Muller, 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.P. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, T.J.M. Symons, M. Tincknell, C. Tuve, S. Wang, P.G. Warren, H.H. Wieman, T. Wienold, and K. Wolf
Phys. Rev. Lett. **85** 1194 (2000)

76. "Azimuthal dependence of pion interferometry at the AGS"
M.A. Lisa, N.N. Ajitanand, J.M. Alexander, M. Anderson, D. Best, F.P. Brady, T. Case, W. Caskey, D. Cebra, J.L. Chance, P. Chung, B. Cole, K. Crowe, A.C. Das, J.E. Draper, M.L. Gilkes, S. Gushue, M. Heffner, A.S. Hirsch, E.L. Hjort, L. Huo, M. Justice, M. Kaplan, D. Keane, J.C. Kintner, J. Klay, D. Krofcheck, R.A. Lacey, C. Law, J. Lauret, H. Liu, Y.M. Liu, R. McGrath, Z. Milosevich, G. Odyniec, D.L. Olson, S.Y. Panitkin, C. Pinkenburg, N.T. Porile, G. Rai, H.G. Ritter, J.L. Romero, R. Scharenberg, L. Schroeder, B. Srivastava, N.T.B. Stone, T.J.M. Symons, J. Whitfield, T. Wienold, R. Witt, L. Wood, W.N. Zhang
Phys. Lett. **B496** 1 (2000)

77. "Statistical signatures of critical behavior in small systems"
J.B. Elliott, S. Albergo, F. Bieser, F.P. Brady, Z. Caccia, D.A. Cebra, A.D. Chacon, J.L. Chance, Y. Choi, S. Costa, M.L. Gilkes, J.A. Hauger, A.S. Hirsch, E.L. Hjort, A. Insolia, M. Justice, D. Keane, J.C. Kintner, V. Lindenstruth, M.A. Lisa, H.S. Matis, M. McMahan, C. McParland, W.F.J. Muller, 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.P. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, T.J.M. Symons, M. Tincknell, C. Tuve, S. Wang, P.G. Warren, H.H. Wieman, T. Wienold, and K. Wolf
Phys. Rev. **C62** 4603 (2000)

78. "Elliptic Flow in Au + Au Collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, K. H. Ackermann, *et al.*,
Phys. Rev. Lett. **86**, 402 (2001)

79. "Directed flow of Lambda hyperons in (2-6)AGeV Au + Au collisions"
P. Chung, N.N. Ajitanand, J.M. Alexander, M. Anderson, D. Best, F.P. Brady, T. Case, W. Caskey, D. Cebra, J.L. Chance, B. Cole, K. Crowe, A.C. Das, J.E. Draper, M.L. Gilkes, S. Gushue, M. Heffner, A.S. Hirsch, E.L. Hjort, L. Huo, M. Justice, M. Kaplan, D. Keane, J.C. Kintner, J. Klay, D. Krofcheck, R.A. Lacey, C. Law, J. Lauret, M.A. Lisa, H. Liu, Y.M. Liu, R. McGrath, Z. Milosevich, G. Odyniec, D.L. Olson, S.Y. Panitkin, C. Pinkenburg, N.T. Porile, G. Rai, H.G. Ritter, J.L. Romero, R. Scharenberg, L. Schroeder, B. Srivastava, N.T.B. Stone, T.J.M. Symons, J. Whitfield, T. Wienold, R. Witt, L. Wood, W.N. Zhang
Phys. Rev. Lett. **86**, 2533 (2001)

80. "Midrapidity Antiproton-to-Proton Ratio from Au + Au Collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett. **86**, 4778 (2001).
Erratum: ibid **90** 119903 (2003)

81. "Mass dependence of the transverse momenta of Au projectile fragments at 1.0A GeV"
J. Chance, F.P. Brady, J. Romero, S. Albergo, F. Bieser, Z. Caccia, D.A. Cebra, A.D. Chacon, 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.C. Kintner, V. Lindenstruth, M.A. Lisa, H.S. Matis, M. McMahan, C. McParland, W.F.J. Muller, D.L. Olson, M.D. Partlan, N.T. Porile, R. Potenza, G. Rai, J. Rasmussen, H.G. Ritter, J. Romanski, G.V. Russo, H. Sann, R.P. Scharenberg, A. Scott, Y. Shao, B.K. Srivastava, T.J.M. Symons, M. Tincknell, C. Tuve, S. Wang, P.G. Warren, H.H. Wieman, T. Wienold, and K. Wolf
Phys. Rev. **C64** 014610 (2001)

82. "Pion interferometry of $\sqrt{s_{NN}} = 130$ GeV Au+Au collisions at RHIC"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett **87**, 082301 (2001)

83. "Multiplicity distribution and spectra of negatively charged hadrons in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett. 87, 112303 (2001)

84. "Model-independent source imaging using two-pion correlations in 2–8 AGeV Au + Au collisions"
S.Y. Panitkin, N.N. Ajitanand, J.M. Alexander, M. Anderson, D. Best, F.P. Brady, T. Case, W. Caskey, D. Cebra, J.L. Chance, P. Chung, B. Cole, K. Crowe, A.C. Das, J.E. Draper, M.L. Gilkes, S. Gushue, M. Heffner, A.S. Hirsch, E.L. Hjort, L. Huo, M. Justice, M. Kaplan, D. Keane, J.C. Kintner, J. Klay, D. Krofcheck, R.A. Lacey, C. Law, J. Lauret, M.A. Lisa, H. Liu, Y.M. Liu, R. McGrath, Z. Milosevich, G. Odyniec, D.L. Olson, C. Pinkenburg, N.T. Porile, G. Rai, H.G. Ritter, J.L. Romero, R. Scharenberg, L. Schroeder, B. Srivastava, N.T.B. Stone, T.J.M. Symons, J. Whitfield, T. Wienold, R. Witt, L. Wood, W.N. Zhang
Phys. Rev. Lett. **87**, 112304 (2001)

85. "Comparison of 1 AGeV ^{197}Au + C data with thermodynamics: The nature of phase transition in nuclear multifragmentation"
R. P. Scharenberg, B. K. Srivastava, 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. C. Kintner, V. Lindenstruth, M. A. Lisa, H. S. Matis, M. McMahan, C. McParland, W. F. J. Mller, 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, A. Scott, Y. Shao, T. J. M. Symons, M. Tincknell, C. Tuv, S. Wang, P. Warren, H. H. Wieman, T. Wienold, and K. Wolf
Phys. Rev. **C64**, 054602 (2001)

86. "Thermal phase transition in nuclear multifragmentation: The role of Coulomb energy and finite size"
B. K. Srivastava, 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. C. Kintner, V. Lindenstruth, M. A. Lisa, H. S. Matis, M. McMahan, C. McParland, W. F. J. Mller, 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. P. Scharenberg, A. Scott, Y. Shao, T. J. M. Symons, M. Tinknell, C. Tuv, S. Wang, P. Warren, H. H. Wieman, T. Wienold, and K. Wolf
Phys. Rev. **C64** 041605 (2001)

87. "Identified Particle Elliptic Flow in Au+Au Collisions at sqrt(snn) = 130 GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett. **87**, 182301 (2001)

88. "Antideuteron and Antihelium production in Au+Au collisions at sqrt(snn) = 130 GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett. 87, 262301-1 (2001)

89. "Measurement of inclusive antiprotons from Au+Au collisions at sqrt(snn) = 130 GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett. 87, 262302-1 (2001)

90. " Longitudinal Flow of Protons from (2–8)A GeV Central Au + Au Collisions"
J. Klay, N.N. Ajitanand, J.M. Alexander, M. Anderson, D. Best, F.P. Brady, T. Case, W. Caskey, D. Cebra, J.L. Chance, P. Chung, B. Cole, K. Crowe, A.C. Das, J.E. Draper, M.L. Gilkes, S. Gushue, M. Heffner, A.S. Hirsch, E.L. Hjort, L. Huo, M. Justice, M. Kaplan, D. Keane, J.C. Kintner, J. Klay, D. Krofcheck, R.A. Lacey, C. Law, J. Lauret, M.A. Lisa, H. Liu,

Y.M. Liu, R. McGrath, Z. Milosevich, G. Odyniec, D.L. Olson, S.Y. Panitkin, C. Pinkenburg, N.T. Porile, G. Rai, H.G. Ritter, J.L. Romero, R. Scharenberg, L. Schroeder, B. Srivastava, N.T.B. Stone, T.J.M. Symons, J. Whitfield, T. Wienold, R. Witt, L. Wood, W.N. Zhang
Phys. Rev. Lett. **88**, 102301 (2002)

91. "Mid-rapidity phi production in Au+Au collisions at sqrt(snn) = 130 GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. **C 65**, 041901(R) (2002)

92. "Multifragmentation and the phase transition: A systematic study of the multifragmentation of 1A GeVAu, La, and Kr"
B.K. Srivastava, R.P. Scharenberg, 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, AS; E.L Hjort, A. Insolia, M. Justice, D. Keane, J.C. Kintner, V. Lindenstruth, M.A. Lisa, H.S. Matis, M. McMahan, C. McParland, W.F.J. Muller, 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, A. Scott, Y. Shao, T.J.M. Symons, M. Tincknell, C. Tuve, S. Wang, P. Warren, H.H. Wieman, T. Wienold, K. Wolf,
Phys. Rev. **C 6505** 456 (2002)

93. "Midrapidity Λ and $\bar{\Lambda}$ production in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett. **89**, 092301 (2002)

94. "Symmetry constraints for the emission angle dependence of Hanburry-Brown-Twiss radii"
U. Heinz, A. Hummel, M.A. Lisa, and U. Wiedemann
Phys. Rev. **C66**, 044903, (2002)

95. "Azimuthal anisotropy of K^0_s and $\Lambda + \bar{\Lambda}$ production at mid-rapidity from Au+Au collisions at $\sqrt{s_{NN}}$=130 GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett. **89**, 132301 (2002)

96. "Elliptic flow from two- and four-particle correlations in Au+Au collisions at $\sqrt{s_{NN}}$=130 GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. **C66**, 034904 (2002)

97. "Centrality dependence of high p_T hadron suppression in Au+Au collisions at $\sqrt{s_{NN}}$=130 GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett. **89**, 202301 (2002)

98. "Centrality and momentum selected elliptic flow in 2-6 AGeV Au+Au Collisions: Tighter constraint for the nuclear equation of state"
P. Chung, N.N. Ajitanand, J.M. Alexander, M. Anderson, D. Best, F.P. Brady, T. Case, W. Caskey, D. Cebra, J.L. Chance, B. Cole, K. Crowe, A.C. Das, J.E. Draper, M.L. Gilkes, S. Gushue, M. Heffner, A.S. Hirsch, E.L. Hjort, L. Huo, M. Justice, M. Kaplan, D. Keane, J.C. Kintner, J. Klay, D. Krofcheck, R.A. Lacey, C. Law, J. Lauret, M.A. Lisa, H. Liu, Y.M. Liu, R. McGrath, Z. Milosevich, G. Odyniec, D.L. Olson, S.Y. Panitkin, N.T. Porile, G. Rai, H.G. Ritter, J.L. Romero, R. Scharenberg, L. Schroeder, B. Srivastava, N.T.B. Stone, T.J.M. Symons, J. Whitfield, T. Wienold, R. Witt, L. Wood, W.N. Zhang
Phys. Rev. **C66** 021901 (2002)

99. "Coherent ρ^0 production in ultra-peripheral heavy ion collisions"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett. **89** 272393 (2002)

100. "$K^*(892)^0$ production in relativistic heavy ion collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. **C66**, 061901(R) (2002)

101. "Azimuthal anisotropy and correlations in the hard scattering regime at RHIC"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett. **90**, 032301 (2003)

102. "Disappearance of back-to-back high p_T hadron correlations in central Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett. **90**, 082302 (2003)

103. "Narrowing of the balance function with centrality in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, C. Adler, *et al.*,
Phys. Rev. Lett. **90**, 172301 (2003)

104. "STAR detector overview"
STAR Collaboration, K.H. Ackermann, *et al.*,
Nucl. Instrum. Meth. **A499** 624 (2003)

105. "The STAR Time Projection Chamber: a unique tool for studying high multiplicity events at RHIC"
M. Anderson, J. Berkovitz, W. Betts, R. Bossingham, F. Bieser, R. Brown, M. Burks, D. Cebra, M. Cherney, J. Chrin, W.R. Edwards, V. Ghazikhanian, D. Greiner, M. Gilkes, D. Hardtke, G. Harper, E. Hjort, H. Huang, G. Igo, S. Jacobson, D. Keane, S.R. Klein, G. Koehler, L, Kotchenda, B. Laziuk, A. Lebedev, J. Lin, M.A. Lisa, H.S. Matis, J. Nystrand, S. Panitkin, D. Reichold, F. Retière, I. Sakrejda, K. Schweda, D. Shuman, R. Snellings, N. Stone, B. Stringfellow, J.H. Thomas, T. Trainor, S. Trentalange, R. Wells, C. Whitten, H. Wieman, E. Yamamoto, W. Zhang
Nucl. Instrum. Meth. **A499** 659 (2003)

106. "Strange anti-particle to particle ratios at mid-rapidity in $\sqrt{s_{NN}} = 130$ GeV Au+Au collisions"
STAR Collaboration, J. Adams, *et al.*,
Phys. Lett. **B567** 167 (2003)

107. "Evidence from d+Au measurements for final-state suppression of high p_T hadrons in Au+Au collisions at RHIC"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **91** 072304 (2003)

108. "Comparison of source images for protons, pions, and Lambda hyperons in 6 AGeV Au+Au Collisions"
P. Chung, N.N. Ajitanand, J.M. Alexander, M. Anderson, D. Best, F.P. Brady, T. Case, W. Caskey, D. Cebra, J.L. Chance, B. Cole, K. Crowe, A.C. Das, J.E. Draper, M.L. Gilkes, S. Gushue, M. Heffner, A.S. Hirsch, E.L. Hjort, L. Huo, M. Justice, M. Kaplan, D. Keane, J.C. Kintner, J. Klay, D. Krofcheck, R.A. Lacey, C. Law, J. Lauret, M.A. Lisa, H. Liu, Y.M. Liu, R. McGrath, Z. Milosevich, G. Odyniec, D.L. Olson, S.Y. Panitkin, N.T. Porile, G. Rai, H.G. Ritter, J.L. Romero, R. Scharenberg, L. Schroeder, B. Srivastava, N.T.B. Stone, T.J.M. Symons, J. Whitfield, T. Wienold, R. Witt, L. Wood, W.N. Zhang
Phys. Rev. Lett. **91** 162301 (2003)

109. "Transverse momentum and collision energy dependence of high p_T hadron suppression in Au+Au collisions at ultrarelativistic energies"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **91** 072302 (2003)

110. "Near-threshold production of the multistrange Ξ^- hyperon"
P. Chung, N.N. Ajitanand, J.M. Alexander, M. Anderson, D. Best, F.P. Brady, T. Case, W. Caskey, D. Cebra, J.L. Chance, B. Cole, K. Crowe, A.C. Das, J.E. Draper, M.L. Gilkes, S. Gushue, M. Heffner, A.S. Hirsch, E.L. Hjort, L. Huo, M. Justice, M. Kaplan, D. Keane, J.C. Kintner, J. Klay, D. Krofcheck, R.A. Lacey, C. Law, J. Lauret, M.A. Lisa, H. Liu, Y.M. Liu, R. McGrath, Z. Milosevich, G. Odyniec, D.L. Olson, S.Y. Panitkin, N.T. Porile, G. Rai,

H.G. Ritter, J.L. Romero, R. Scharenberg, L. Schroeder, B. Srivastava, N.T.B. Stone, T.J.M. Symons, J. Whitfield, T. Wienold, R. Witt, L. Wood, W.N. Zhang
Phys. Rev. Lett. **91** 203301 (2003)

111. "Charged pion production in 2 to 8 AGeV central Au+Au collisions"
J.L. Klay, N.N. Ajitanand, J.M. Alexander, M. Anderson, D. Best, F.P. Brady, T. Case, W. Caskey, D. Cebra, J.L. Chance, P. Chung, B. Cole, K. Crowe, A.C. Das, J.E. Draper, M.L. Gilkes, S. Gushue, M. Heffner, A.S. Hirsch, E.L. Hjort, L. Huo, M. Justice, M. Kaplan, D. Keane, J.C. Kintner, J. Klay, D. Krofcheck, R.A. Lacey, C. Law, J. Lauret, M.A. Lisa, H. Liu, Y.M. Liu, R. McGrath, Z. Milosevich, G. Odyniec, D.L. Olson, S.Y. Panitkin, N.T. Porile, G. Rai, H.G. Ritter, J.L. Romero, R. Scharenberg, L. Schroeder, B. Srivastava, N.T.B. Stone, T.J.M. Symons, J. Whitfield, T. Wienold, R. Witt, L. Wood, W.N. Zhang
Phys. Rev. **C68** 054905 (2003)

112. "Pion-kaon correlations in relativistic heavy ion collisions from the STAR experiment"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **91** 262302 (2003)

113. "Three-pion HBT correlations in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **91** 262301 (2003)

114. "Net charge fluctuations in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C68** 044905 (2003)

115. "Particle-type dependence of azimuthal anisotropy and nuclear modification of particle production in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **92** 052302 (2004)

116. "ρ^0 production and possible modification in Au+Au and p+p collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **92** 092301 (2004)

117. "Azimuthal anisotropy at the Relativistic Heavy Ion Collider: the first and fourth harmonics"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **92** 062301 (2004)

118. "Multi-strange baryon production in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **92** 182301 (2004)

119. "Identified particle distributions in p+p and Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **92** 112301 (2004)

120. "Cross-sections and transverse single-spin asymmetries from proton collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **92** 171801 (2004)

121. "Azimuthally-sensitive HBT interferometry in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **93** 012301 (2004)

122. "Kaon Production and Kaon to Pion Ratio in Au + Au Collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, J. Adams, *et al.* Phys. Lett. **B595** 143 (2004)

123. "Observable implications of geometrical and dynamical aspects of freeze-out in heavy ion collisions"
F. Retière and M.A. Lisa
Phys. Rev. **C70** 044907 (2004)

124. "Rapidity and centrality dependence of proton and antiproton production from Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C70** 041901 (2004)

125. "Photon and neutral pion production in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C70** 044902 (2004)

126. "Production of $e^+ - e^-$ pairs accompanied by nuclear dissociation in ultra-peripheral heavy ion collisions"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C70** 031902(R) (2004)

127. "Centrality and pseudorapidity dependence of charged hadron production at intermediate p_T in Au+Au collisions at $\sqrt{s_{NN}} = 130$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C70** 044901 (2004)

128. "Measurements of transverse energy distributions in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C70** 054907 (2004)

129. "Azimuthal anisotropy and correlations at large transverse momenta in p+p and Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **93** 252301 (2004)

130. "Pseudorapidity Asymmetry and Centrality Dependence of Charged Hadron Spectra in d+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C70** 064907 (2004)

131. "Transverse-momentum dependent modification of dynamic texture in central Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C71** 031901(R) (2005)

132. "Open charm yields in d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **94** 062301 (2005)

133. "Phi meson production in Au+Au and p+p collisions at $\sqrt{s_{NN}}$=200 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Lett. **B 612** 181 (2005)

134. "Azimuthal Anisotropy in Au+Au Collisions at $\sqrt{sNN}$=200 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C 72** (2005) 014904

135. "Pion interferometry in Au+Au collisions at $\sqrt{s_{NN}}$=200 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C 71** (2005) 044906

136. "K*(892) Resonance Production in Au+Au and p+p Collisions at $\sqrt{s_{NN}}$=200 GeV at STAR"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C 71** (2005) 064902

137. "Experimental and Theoretical Challenges in the Search for the Quark Gluon Plasma: The STAR Collaboration's Critical Assessment of the Evidence from RHIC Collisions"
STAR Collaboration, J. Adams, *et al.*,
Nucl. Phys. **A 757** (2005) 102

138. "Distributions of Charged Hadrons Associated with High Transverse Momentum Particles in pp and Au+Au Collisions at $\sqrt{s_{NN}}$=200 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **95** (2005) 152301

139. "Multiplicity and Pseudorapidity Distributions of Photons in Au + Au Collisions at $\sqrt{s_{NN}}$=62.4 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **95** (2005) 062301

140. "Multi-strange baryon elliptic flow in Au+Au collisions at $\sqrt{s_{NN}}$=200 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **95** (2005) 122301

141. "Incident Energy Dependence of p_T Correlations at RHIC"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C 72** (2005) 044902

142. "Event-wise mean-p_T fluctuations in Au-Au collisions at $\sqrt{s_{NN}}$=130 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C 71** (2005) 064906

143. "Pion, kaon, proton and anti-proton transverse momentum distributions from p+p and d+Au collisions at $\sqrt{s_{NN}}$=200 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Lett. **B 616** (2005) 8

144. "Hadronization geometry and net-charge angular correlations on momentum subspace (η,ϕ) in Au-Au collisions at $\sqrt{s_{NN}}$ = 130 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Lett. **B634** 347 (2006)

145. "Fitted HBT radii versus space-time variances in flow-dominated models"
Evan Frodermann, Ulrich Heinz, and Michael Annan Lisa
Phys. Rev. **C73**, 044908 (2006); (nucl-th/0602023)

146. "Minijet deformation and charge-independent angular correlations on momentum subspace (η, ϕ) in Au-Au collisions at $\sqrt{s_{NN}}$ = 200 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C73** 064907 (2006)

147. "The multiplicity dependence of inclusive p_T spectra from p+p collisions at $\sqrt{s_{NN}}$ = 200 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **D74** 032006 (2006)

148. "Identified baryon and meson distributions at large transverse momenta from from Au-Au collisions at $\sqrt{s_{NN}}$ = 200 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett **97** 152301 (2006)

149. "Strange baryon resonance production in p+p and Au-Au collisions at $\sqrt{s_{NN}}$ = 200 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **97** 132301 (2006)

150. "Forward Neutral Pion Production in p+p and d+Au collisions at $\sqrt{s_{NN}}$ = 200 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **97** 152302 (2006)

151. "Identified hadron spectra at large transverse momentum in p+p and d+Au collisions at $\sqrt{s_{NN}}$ = 200 GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Lett. **B637** 161 (2006)

152. "Multiplicity and Pseudorapidity Distributions of Charged Particles and Photons at Forward Pseudorapidity in in Au-Au collisions at $\sqrt{s_{NN}} = 62.4$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C73** 034906 (2006)

153. "Direct observation of dijets in Central Au-Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **97** 162301 (2006)

154. "Neutral kaon interferometry in Au-Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C 74** 054902 (2006)

155. " Transverse momentum p_T correlations on (η, ϕ) from mean-p_T fluctuations in Au-Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
J. Phys. **G 32** L37 (2006)

156. "Directed flow in Au-Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C73** 034903 (2006)

157. "Proton-Λ correlations in Au-Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. **C74** 064906 (2006)

158. "Longitudinal Double-spin asymmetry and cross section for inclusive jet production in polarized proton collisions collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, J. Adams, *et al.*,
Phys. Rev. Lett. **97** 252001 (2006)

159. "Energy dependence of p_T angular correlations inferred from mean-p_T fluctuation scale dependence in heavy ion collisions at the SPS and RHIC"
STAR Collaboration, J Adams, *et al.*,
J.Phys. G33 (2007) 451

160. "Scaling properties of hyperon production in Au+Au collisions at sqrt(sNN) = 200 GeV"
STAR Collaboration, J Adams, *et al.*,
Phys. Rev. Lett. **98** 062301 (2007)

161. "Delta-phi Delta-eta Correlations in Central Au+Au Collisions at sqrt(sNN) = 200 GeV"
STAR Collaboration, J Adams, *et al.*,
Phys. Rev. **C75** 034901 (2007)

162. "Transverse momentum correlations and minijet dissipation in Au-Au collisions at sqrt(sNN) = 130 GeV"
STAR Collaboration, J Adams, *et al.*,
J. Phys. **G 34** (2007) 799

163. "Transverse momentum and centrality dependence of high-pT non-photonic electron suppression in Au+Au collisions at sqrt(sNN) = 200 GeV"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. Lett. **98** 192301 (2007)

164. "Mass, quark-number, and sqrt(sNN) dependence of the second and fourth flow harmonics in ultra-relativistic nucleus-nucleus collisions" STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. **C75** 054906 (2007)

165. "Strange particle production in p+p collisions at sqrt(sNN)=200 GeV"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. **C75** 065901 (2007)

166. "Strangelet search in Au+Au collisions at 200 GeV"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. **C76** 011901 (2007)

167. "Global polarization measurement in Au+Au collisions"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. **C76** 024915 (2007)

168. "Partonic flow and phi-meson production in Au+Au collisions at sqrt(s) = 200 GeV"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. Lett. **99** 112301 (2007)

169. "Measurement of Transverse Single-Spin Asymmetries for Di-Jet Production in Proton-Proton Collisions at sqrt(s) = 200 GeV"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. Lett. **99** 142003 (2007)

170. "Energy dependence of pi, p and pbar transverse momentum spectra for Au+Au collisions at sqrt(sNN) = 62.4 and 200 GeV"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Lett. **B655** 104 (2007)

171. "Rapidity and species dependence of particle production at large transverse momentum for d+Au collisions at sqrt(sNN) = 200 GeV"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. **C76** 054903 (2007)

172. "Forward Lambda Production and Nuclear Stopping Power in d+Au Collisions at sqrt(sNN) = 200 GeV"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. **C76** 64904 (2007)

173. "ρ^0 Photoproduction in Ultra-Peripheral Relativistic Heavy Ion Collisions with STAR"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. **C77** (2008) 34910

174. "Enhanced strange baryon production in Au+Au collisions compared to p+p at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. **C77** (2008) 44908

175. "Centrality dependence of charged hadron and strange hadron elliptic flow from $\sqrt{s_{NN}} = 200$ GeV Au+Au collisions"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. C **77** (2008) 54901

176. "Spin alignment measurements of the K* and phi vector meson at RHIC"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. C **77** (2008) 61902

177. "Longitudinal double-spin asymmetry for inclusive jet production in $\vec{p}$+$\vec{p}$ collisions at $\sqrt{s}$=200 GeV"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. Lett. **100** (2008) 232003

178. "Hadronic resonance production in d+Au collisions at 200 GeV at RHIC"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. **C78** 44906 (2008)

179. "Forward Neutral Pion Transverse Single Spin Asymmetries in p+p Collisions at $\sqrt{s}$=200 GeV"
STAR Collaboration, B.I. Abelev *et al.*,
Phys. Rev. Lett. **101** (2008) 222001

180. "Global conservation laws and femtoscopy of small systems"
Z. Chajęcki and M.A. Lisa
Phys. Rev. **C78** 064903 (2008)

181. "System-size independence of directed flow at RHIC"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. Lett. **101** 252301 (2008)

182. "Conservation laws and the multiplicity evolution of spectra at RHIC"
Z. Chajęcki and M.A. Lisa
Phys. Rev. **C79** 034908 (2009)

183. "Longitudinal double-spin asymmetry and cross section for inclusive neutral pion production at midrapidity in polarized proton collisions at sqrt(s) = 200 GeV,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. D **80** (2009) 111108

184. "Longitudinal Spin Transfer to Λ and $\bar{\Lambda}$ Hyperons in Polarized Proton-Proton Collisions at $\sqrt{s} = 200GeV$,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. D **80** (2009) 111102

185. "Azimuthal Charged-Particle Correlations and Possible Local Strong Parity Violation"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. Lett. **103** (2009) 251601

186. "Long range rapidity correlations and jet production in high energy nuclear collisions,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **80** (2009) 64912

187. "Neutral Pion Production in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **80** (2009) 44905

188. "Center of mass energy and system-size dependence of photon production at forward rapidity at RHIC"
STAR Collaboration, B.I. Abelev, *et al.*,
Nucl. Phys. A **832** (2009) 134

189. "Growth of Long Range Forward-Backward Multiplicity Correlations with Centrality in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. Lett. **103** (2009) 172301

190. "Perspectives of a Midrapidity Dimuon Program at RHIC: A Novel and Compact Muon Telescope Detector,"
STAR Collaboration, B.I. Abelev, *et al.*,
J. Phys. G **36** (2009) 95001

191. "J/psi production at high transverse momentum in p+p and Cu+Cu collisions at $\sqrt{s_{NN}} =$ 200 GeV,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **80** (2009) 41902

192. "Pion Interferometry in Au+Au and Cu+Cu Collisions at RHIC,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **80** (2009) 24905

193. "K/pi Fluctuations at Relativistic Energies,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. Lett. **103** (2009) 92301

194. "Measurement of D* Mesons in Jets from p+p Collisions at sqrt(s) = 200 GeV,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. D **79** (2009) 112006

195. "Observation of Two-source Interference in the Photoproduction Reaction $AuAu \to AuAu\rho^0$,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. Lett. **102** (2009) 112301

196. "Energy and system size dependence of ϕ meson production in Cu+Cu and Au+Au collisions,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Lett. B **673** (2009) 183

197. "Measurements of ϕ meson production in relativistic heavy-ion collisions at RHIC,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **79** (2009) 64903

198. "Systematic Measurements of Identified Particle Spectra in *pp*, d+Au and Au+Au Collisions from STAR,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **79** (2009) 34909

199. "Beam-Energy and System-Size Dependence of Dynamical Net Charge"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **79** (2009) 24906

200. "Indications of Conical Emission of Charged Hadrons at RHIC"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. Lett. **102** (2009) 52302

201. "System size dependence of associated yields in hadron-triggered jets,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Lett. B **683** (2010) 123

202. "Observation of charge-dependent azimuthal correlations and possible local strong parity violation in heavy ion collisions"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **81** (2010) 54908

203. "Identified particle production, azimuthal anisotropy, and interferometry measurements in Au+Au collisions at $\sqrt{s_{NN}} = 9.2$ GeV,"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **81** (2010) 24911

204. "Identified high-p_T spectra in Cu+Cu collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **81** (2010) 54907

205. "Observation of $\pi^+\pi^-\pi^+\pi^-$ photoproduction in ultraperipheral heavy-ion collisions at $\sqrt{s_{NN}}$ = 200 GeV at the STAR detector"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **81** (2010) 44901

206. "Studying Parton Energy Loss in Heavy-Ion Collisions via Direct-Photon and Charged-Particle Azimuthal Correlations "
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **82** (2010) 34909

207. "Inclusive π^0, eta, and direct photon production in p+p and d+Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C **81** (2010) 64904

208. "Three-particle coincidence of the long range pseudorapidity correlation in high energy nucleus-nucleus collisions"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. Lett. **105** (2010) 22301

209. "Upsilon cross section in p+p collisions at sqrt(s) = 200 GeV"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. D. **82** (2010) 12004

210. "Charged and strange hadron elliptic flow in Cu+Cu collisions at $\sqrt{s_{NN}}$ = 62.4 and 200 GeVUpsilon cross section in p+p collisions at sqrt(s) = 200 GeV"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C. **81** (2010) 44902

211. "Longitudinal scaling property of the charge balance function in Au + Au collisions at 200 GeV"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Lett. **B690** (2010) 239

212. "Azimuthal di-hadron correlations in d+Au and Au+Au collisions at $\sqrt{s_{NN}}$ = 200 GeV from STAR"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C. **82** (2010) 24912

213. "Higher Moments of Net-proton Multiplicity Distributions at RHIC"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. Lett. **105** (2010) 22302

214. "Balance Functions from Au+Au, d+Au, and p+p Collisions at $\sqrt{s_{NN}}$ = 200 GeV"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C. **82** (2010) 24905

215. "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.*,
Phys. Rev. Lett. **105** (2010) 202301

216. "Observation of an Antimatter Hypernucleus,"
STAR Collaboration, B.I. Abelev, *et al.*,
Science (2010) 1183980
DOI: 10.1126/science.1183980

217. "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.*,
Eur. Phys. J. **C65** (2010) 111.

218. "Charged-particle multiplicity measurement in protonproton collisions at s=0.9 and 2.36 TeV with ALICE at LHC"
ALICE Collaboration, K. Aamodt, *et al.*,
Eur. Phys. J. **C68** (2010) 89.

219. "Charged-particle multiplicity measurement in protonproton collisions at s=7 TeV with ALICE at LHC"
ALICE Collaboration, K. Aamodt, *et al.*,
Eur. Phys. J. **C68** (2010) 345.

220. "Midrapidity Antiproton-to-Proton Ratio in pp Collisons at s=0.9 and 7 TeV Measured by the ALICE Experiment"
ALICE Collaboration, K. Aamodt, *et al.*,
Phys. Rev. Lett. **105** (2010) 072002

221. "Two-pion Bose-Einstein correlations in pp collisions at s=900GeV"
ALICE Collaboration, K. Aamodt, *et al.*,
Phys. Rev. **D82** (2010) 052001.

222. "Transverse momentum spectra of charged particles in protonproton collisions at s=900GeV with ALICE at the LHC"
ALICE Collaboration, K. Aamodt, *et al.*,
Phys. Lett. **B693** (2010) 53.

223. "Charged-particle multiplicity density at mid-rapidity in central Pb-Pb collisions at sqrt(sNN) = 2.76 TeV"
ALICE Collaboration, K. Aamodt, *et al.*,
Phys. Rev. Lett. **105** (2010) 252301

224. "Elliptic flow of charged particles in Pb-Pb collisions at 2.76 TeV"
ALICE Collaboration, K. Aamodt, *et al.*,
Phys. Rev. Lett. **105** (2010) 252302

225. "Suppression of Charged Particle Production at Large Transverse Momentum in Central Pb-Pb Collisions at sqrt(sNN) = 2.76 TeV"
ALICE Collaboration, K. Aamodt, *et al.*,
Phys. Lett. **B696** (2011) 30.

226. "Centrality dependence of the charged-particle multiplicity density at mid-rapidity in Pb-Pb collisions at sqrt(sNN) = 2.76 TeV"
ALICE Collaboration, K. Aamodt, *et al.*,
Phys. Rev. Lett. **106** (2011) 032301

227. "Two-pion Bose-Einstein correlations in central PbPb collisions at $\sqrt{s_{NN}}$ = 2.76 TeV"
ALICE Collaboration, K. Aamodt, *et al.*,
Phys. Lett. **B696** (2011) 1594

228. "Strange particle production in proton-proton collisions at sqrt(s) = 0.9 TeV with ALICE at the LHC"
ALICE Collaboration, K. Aamodt, *et al.*,
Eur. Phys. J. **C71** (2011) 1594

229. "Rapidity and transverse momentum dependence of inclusive J/psi production in pp collisions at sqrt(s)=7 TeV"
ALICE Collaboration, K. Aamodt, *et al.*,
Phys. Lett. **B704** (2011) 442

230. "Higher harmonic anisotropic flow measurements of charged particles in Pb-Pb collisions at 2.76 TeV"
ALICE Collaboration, K. Aamodt, *et al.*,
Phys. Rev. Lett. **107** (2011) 032301

231. "Production of pions, kaons and protons in pp collisions at sqrt(s)= 900 GeV with ALICE at the LHC"
ALICE Collaboration, K. Aamodt, *et al.*,
Eur. Phys. J. **C71** (2011) 1655

232. "Femtoscopy of pp collisions at sqrts=0.9 and 7 TeV at the LHC with two-pion Bose-Einstein correlations"
ALICE Collaboration, K. Aamodt, *et al.*,
Phys. Rev. **D84** (2011) 112004

233. "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
New J. Phys. **13** 065006 (2011).

234. "Correspondence between Hanbury-BrownTwiss radii and the emission zone in noncentral heavy ion collisions"
E. Mount, G. Graef, M. Mitrovski, M. Bleicher, M.A. Lisa
Phys. Rev. **C84** 014908 (2011).

235. "Evolution of the differential transverse momentum correlation function with centrality in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Lett. **B704** (2011) 467

236. "Observation of the antimatter helium-4 nucleus"
STAR Collaboration, B.I. Abelev, *et al.*,
Nature **473** (2011) 353

237. "Experimental studies of di-jet survival and surface emission bias in Au+Au collisions via angular correlations with respect to back-to-back leading hadrons"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C. **83** (2011) 061901

238. "High p_T non-photonic electron production in p+p collisions at $\sqrt{s} = 200$ GeV"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. D. **83** (2011) 52006

239. "Strange and Multi-strange Particle Production in Au+Au Collisions at $\sqrt{s_{NN}} = 62.4$ GeV"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C. **83** (2011) 24901

240. "Measurement of the parity-violating longitudinal single-spin asymmetry for $W^{\pm}$ boson production in polarized proton-proton collisions at $\sqrt{s} = 500\,\mathrm{GeV}$"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. Lett. **106** (2011) 62002

241. "Scaling properties at freeze-out in relativistic heavy ion collisions"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C. **83** (2011) 34910

242. "K*0 production in Cu+Cu and Au+Au collisions at $\sqrt{s_N N} = 62.4$ GeV and 200 GeV "
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C. **84** (2011) 34909

243. "Pion femtoscopy in p+p collisions at $\sqrt{s} = 200$ GeV"
STAR Collaboration, B.I. Abelev, *et al.*,
Phys. Rev. C. **83** (2011) 064905

244. "Constituent quark scaling violation due to baryon number transport"
J.C. Dunlop, M.A. Lisa and P. Sorensen
Phys. Rev. **C84** (2011) 044914

245. "Transverse Single-Spin Asymmetry and Cross-Section for π^0 and η Mesons at Large Feynman-x in Polarized p+p Collisions at $\sqrt{s} = 200$ GeV"
STAR Collaboration, L. Adamczyk, *et al.*
Phys. Rev. **D86** (2012) 51101

246. " Longitudinal and transverse spin asymmetries for inclusive jet production at mid-rapidity in polarized p+p collisions at $\sqrt{s} = 200$ GeV "
STAR Collaboration, L. Adamczyk, *et al.*
Phys. Rev. **D86** (2012) 32006

247. "Di-electron spectrum at mid-rapidity in $p + p$ collisions at $\sqrt{s} = 200$ GeV"
STAR Collaboration, L. Adamczyk, *et al.*
Phys. Rev. **V86** (2012) 24906

248. "Directed Flow of Identified Particles in Au + Au Collisions at $\sqrt{s_{NN}}$ = 200 GeV at RHIC"
STAR Collaboration, L. Adamczyk, *et al.*
Phys. Rev. Lett. **108** (2012) 202301

249. "Measurement of the $W \to e\nu$ and $Z/\gamma^* \to e^+e^-$ Production Cross Sections at Mid-rapidity in Proton-Proton Collisions at $\sqrt{s}$ = 500 GeV"
STAR Collaboration, L. Adamczyk, *et al.*
Phys. Rev. **D85** (2012) 92010

250. "Energy and system-size dependence of two- and four-particle v_2 measurements in heavy-ion collisions at 62.4 and 200 GeV and their implications on flow fluctuations and nonflow"
STAR Collaboration, L. Adamczyk, *et al.*
Phys. Rev. **C86** (2012) 014904

251. "System size and energy dependence of near-side di-hadron correlation"
STAR Collaboration, L. Adamczyk, *et al.*
Phys. Rev. **C85** (2012) 14903

252. "Identified hadron compositions in p+p and Au+Au collisions at high transverse momenta at $\sqrt{s_{NN}}$ = 200 GeV"
STAR Collaboration, L. Adamczyk, *et al.*
Phys. Rev. Lett. **108** (2012) 72302

253. "Directed and elliptic flow of charged particles in Cu+Cu collisions at $\sqrt{s_{NN}}$ = 22.4 GeV"
STAR Collaboration, L. Adamczyk, *et al.*
Phys. Rev. **C85** (2012) 14901

254. "rho^0 Photoproduction in AuAu Collisions at $\sqrt{s_{NN}}$=62.4 GeV with STAR"
STAR Collaboration, L. Adamczyk, *et al.*
Phys. Rev. **C85** (2012) 14910

255. "Strangeness Enhancement in Cu+Cu and Au+Au $\sqrt{s_{NN}}$ = 200 GeV Collisions "
STAR Collaboration, L. Adamczyk, *et al.*
Phys. Rev. Lett. **108** (2012) 72301

256. "Inclusive charged hadron elliptic flow in Au + Au collisions at $\sqrt{s_{NN}}$ = 7.7 - 39 GeV"
B. Abelev et al. [STAR Collaboration]
Phys. Rev. C **86** (2012) 54908

257. "Measurements of D^0 and D^* Production in $p + p$ Collisions at $\sqrt{s}$ = 200 GeV"
B. Abelev et al. [STAR Collaboration],
Phys. Rev. D **86** (2012) 72013

258. "Anomalous centrality evolution of two-particle angular correlations from Au-Au collisions at $\sqrt{s_{\rm NN}}$ = 62 and 200 GeV"
B. Abelev et al. [STAR Collaboration]
Phys. Rev. C **86** (2012) 64902

259. "Neutral pion and η meson production in proton-proton collisions at sqrt(s) = 0.9 TeV and 7 TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Lett. **B717** (2012) 162

260. "Harmonic decomposition of two-particle angular correlations in Pb-Pb collisions at sqrt(sNN) = 2.76 TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Lett. **B708** (2012) 249

261. "Underlying Event measurements in pp collisions at sqrt(s) = 0.9 and 7 TeV with the ALICE experiment at the LHC"
ALICE Collaboration, B. Abelev, *et al.*
JHEP **1207** (2012) 116

262. "Light vector meson production in pp collisions at sqrt(s) = 7 TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Lett. **B710** (2012) 557

263. "Particle-yield modification in jet-like azimuthal di-hadron correlations in Pb-Pb collisions at sqrt(sNN) = 2.76 TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Rev. Lett. **108** (2012) 092301

264. "J/psi polarization in pp collisions at sqrt(s)=7 TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Rev. Lett. **108** (2012) 082001

265. "Measurement of charm production at central rapidity in proton-proton collisions at sqrt(s) = 7 TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Lett. **01** (2012) 128

266. "Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at sqrts=0.9, 2.76 and 7 TeV"
ALICE Collaboration, B. Abelev, *et al.*
Eur. Phys. J **C72** (2012) 2124

267. "$K_s^0 - K_s^0$ correlations in 7 TeV pp collisions from the LHC ALICE experiment"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Lett. **B717** (2012) 151

268. "Measurement of charm production at central rapidity in proton proton collisions at sqrts=2.76 TeV"
ALICE Collaboration, B. Abelev, *et al.*
JHEP **07** (2012) 191

269. "Production of muons from heavy flavour decays at forward rapidity in pp and Pb–Pb collisions at $\sqrt{s_{\rm NN}} = 2.76$ TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Rev. Lett. **109** (2012) 112301

270. "Suppression of high transverse momentum prompt D mesons in central Pb–Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV"
ALICE Collaboration, B. Abelev, *et al.*
JHEP **9** (2012) 112

271. "Multi-strange baryon production in pp collisions at $\sqrt{s} = 7$ TeV with ALICE"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Lett. **B712** (2012) 309

272. "J/psi Production as a Function of Charged Particle Multiplicity in pp Collisions at $\sqrt{s} = 7$ TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Lett. **B712** (2012) 165

273. "J/psi suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Rev. Lett. **109** (2012) 072301

274. "Measurement of Event Background Fluctuations for Charged Particle Jet Reconstruction in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV"
ALICE Collaboration, B. Abelev, *et al.*
JHEP **03** (2012) 53

275. "Heavy flavour decay muon production at forward rapidity in proton–proton collisions at $\sqrt{s} = 7$ TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Lett. **B708** (2012) 265

276. "Measurement of electrons from semileptonic heavy-flavour hadron decays in pp collisions at $\sqrt{s} = 7$ TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Rev. **D86**, 112007 (2012)

277. "Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at sqrt(s) = 2.76 TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Rev. Lett. 109, 252302 (2012)

278. "Pion, Kaon, and Proton Production in Central Pb-Pb Collisions at sqrt(sNN) = 2.76 TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys. Rev. Lett. 109, 252301 (2012)

279. "Inclusive J/psi production in pp collisions at sqrt(s)=2.76 TeV"
ALICE Collaboration, B. Abelev, *et al.*
Phys.Lett. B718 (2012) 295

280. "Ds meson production at central rapidity in proton–proton collisions at sqrt(s) = 7 TeV"
ALICE Collaboration, B. Abelev, *et al.*
Physics Letters B 718 (2012), pp. 279-294

281. "Coherent J/Psi photoproduction in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV"
ALICE Collaboration, B. Abelev, *et al.*
Physics Letters B 718 (2012), pp. 1273-1283

282. "Measurement of prompt J/psi and beauty hadron production cross sections at mid-rapidity in pp collisions at sqrt(s)=7 TeV"
ALICE Collaboration, B. Abelev, *et al.*
JHEP 11 (2012) 065

283. "Rapidity and transverse momentum dependence of inclusive J/psi production in pp collisions at sqrt(s)=7 TeV"
ALICE Collaboration, B. Abelev, *et al.*
Physics Letters B 718 (2012) 692698

284. "Production of $K^*(892)$ and $\phi(1020)$ in pp collisions at $\sqrt{s} = 7$ TeV"
ALICE Collaboration, B. Abelev, *et al.*
Eur. Phys. J. C72 (2012) 2183

285. "Fluctuations of charge separation perpendicular to the event plane and local parity violation in $\sqrt{(}s_{NN)}$=200 GeV Au+Au collisions at RHIC"
L. Adamczyk et al. [STAR Collaboration]
Phys. Rev. C **88** (2013) 64911

286. "Freeze-out Dynamics via Charged Kaon Femtoscopy in $\sqrt{s_{NN}}$=200 GeV Central Au+Au Collisions "
L. Adamczyk et al. [STAR Collaboration]
Phys. Rev. C **88** (2013) 34906

287. "System Size Dependence of Transverse Momentum Correlations at RHIC "
L. Adamczyk et al. [STAR Collaboration]
Phys. Rev. C **87** (2013) 64902

288. "Third Harmonic Flow of Charged Particles in Au+Au Collisions at $\sqrt{s_{NN}} = 200$ GeV "
L. Adamczyk et al. [STAR Collaboration]
Phys. Rev. C **88** (2013) 14904

289. "Observation of an energy-dependent difference in elliptic flow between particles and antiparticles in relativistic heavy ion collisions "
L. Adamczyk et al. [STAR Collaboration]
Phys. Rev. Lett. **110** (2013) 142301

290. "Elliptic flow of identified hadrons in Au+Au collisions at $\sqrt{s_{NN}}$ = 7.7–62.4 GeV "
L. Adamczyk et al. [STAR Collaboration]
Phys. Rev. C **88** (2013) 14902

291. "Measurement of J/psi Azimuthal Anisotropy in Au+Au Collisions at $\sqrt{s_{NN}}$ = 200 GeV "
L. Adamczyk et al. [STAR Collaboration]
Phys. Rev. Lett. **111** (2013) 52301

292. "Studies of di-jets in Au+Au collisions using angular correlations with respect to back-to-back leading hadrons "
L. Adamczyk et al. [STAR Collaboration]
Phys. Rev. C **87** (2013) 44903

293. "J/ψ production at high transverse momenta in p+p and Au+Au collisions at $\sqrt(s_{NN})$ = 200 GeV "
L. Adamczyk et al. [STAR Collaboration]
Phys. Lett. B **722** (2013) 55

294. "Single Spin Asymmetry A_N in Polarized Proton-Proton Elastic Scattering at $\sqrt{s}$ = 200 GeV "
L. Adamczyk et al. [STAR Collaboration]
Phys. Lett. B **719** (2013) 62

295. "Directed flow of charged particles at mid-rapidity relative to the spectator plane in Pb-Pb collisions at sNN= 2.76 TeV"
ALICE Collaboration
Phys. Rev. Lett. **111**, 232302 (2013)

296. "Energy Dependence of the Transverse Momentum Distributions of Charged Particles in pp Collisions with ALICE"
ALICE Collaboration
Eur. Phys. J. C **73**, 2662 (2013)

297. "Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}$ = 2.76 TeV"
ALICE Collaboration
Phys. Lett. B **728**, 216 (2013)

298. "K^0_s and Λ production in PbPb collisions at $\sqrt{s_{NN}}$=2.76 TeV"
ALICE Collaboration
Phys. Rev. Lett. **111**, 222301 (2013)

299. "Multiplicity Dependence of pi+-, K+-, K0S, p (pbar) and Lambda (Lambdabar) in p–Pb Collisions at $\sqrt{s_{NN}}$ = 5.02 TeV"
ALICE Collaboration
Phys. Lett. B **728**, 25 (2014)

300. "Charmonium and e+e- pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}}$= 2.76 TeV"
ALICE Collaboration
Eur. Phys. J. C **73**, 2617 (2013)

301. "Multiplicity dependence of the average transverse momentum in pp, p-Pb, and Pb-Pb collisions at the LHC"
ALICE Collaboration
Phys. Lett. B **727**, 371 (2013)

302. "J/psi Elliptic Flow in Pb-Pb Collisions at $\sqrt{s_{NN}}$=2.76 TeV"
ALICE Collaboration
Phys. Rev. Lett. **111**, 162301 (2013)

303. "Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}}$ = 2.76 TeV in the ALICE experiment"
ALICE Collaboration
Phys. Rev. C **88**, 044909 (2013)

304. "Centrality dependence of Pion, Kaon, and Proton Production in Pb-Pb Collisions at $\sqrt{s_{NN}}$ = 2.76 TeV"
ALICE Collaboration
Phys. Rev. C **88**, 044910 (2013)

305. "Performance of the ALICE VZERO system"
ALICE Collaboration
Jour. Inst. **8**, 10016 (2013)

306. "Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}}$ = 2.76 TeV"
ALICE Collaboration
Phys. Lett. B **726**, 610 (2013)

307. "Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC"
ALICE Collaboration
Jour. High Energy Phys. **9**, 049 (2013)

308. "D meson elliptic flow in non-central PbPb collisions at $\sqrt{s_{NN}}$=2.76 TeV"
ALICE Collaboration
Phys. Rev. Lett. **111**, 102301 (2013)

309. "Long-range angular correlations of , K and p in pPb collisions at $\sqrt{s_{NN}}$ = 5.02 TeV"
ALICE Collaboration
Phys. Lett. B **726**, 164 (2013)

310. "Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s}$ = 0.9, 2.76 and 7 TeV measured by ALICE"
ALICE Collaboration
Eur. Phys. J. C **73**, 2496 (2013)

311. "Measurement of inelastic, single and double diffraction cross sections in proton-proton collisions at LHC with ALICE"
ALICE Collaboration
Eur. Phys. J. C **73**, 2456 (2013)

312. "Charge correlations using the balance function in PbPb collisions at $\sqrt{s_{NN}}$ = 2.76 TeV"
ALICE Collaboration
Phys. Lett. B **723**, 267 (2013)

313. "Measurement of the inclusive dierential jet cross section for pp collisions at $\sqrt{s}$=2.76 TeV"
ALICE Collaboration
Phys. Lett. B **722**, 262 (2013)

314. "Net-Charge Fluctuations in Pb-Pb collisions at $\sqrt{s_{NN}}$ = 2.76 TeV"
ALICE Collaboration
Phys. Rev. Lett. **110**, 152301 (2013)

315. "Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s}$ = 7 TeV"
ALICE Collaboration
Phys. Lett. B **721**, 13 (2013)

316. "Charged kaon femtoscopic correlations in pp collisions at $\sqrt{s}$=7 TeV."
ALICE Collaboration
Phys. Rev. D **87**, 052016 (2013)

317. "Centrality Dependence of Charged Particle Production at Large Transverse Momentum in Pb−Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV."
ALICE Collaboration
Phys. Lett. B **720**, 52 (2013)

318. "Transverse Momentum Distribution and Nuclear Modification Factor of Charged Particles in p-Pb Collisions at $\sqrt{s_{NN}} = 5.02$ TeV"
ALICE Collaboration
Phys. Rev. Lett. **110**, 082302 (2013)

319. "Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{NN}}$=2.76 TeV"
ALICE Collaboration
Phys. Lett. B **719**, 18 (2013)

320. "Pseudorapidity density of charged particles in p-Pb collisions at $\sqrt{s} = 5.02$ TeV"
ALICE Collaboration
Phys. Rev. Lett. **110**, 032301 (2013)

321. "Long-range angular correlations on the near and away side in p–Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV"
ALICE Collaboration
Phys. Lett. B **719**, 29 (2013)

322. "Charge separation relative to the reaction plane in Pb–Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV"
ALICE Collaboration
Phys. Rev. Lett. **110**, 012301 (2013)

323. "A twisted emission geometry in non-central Pb+Pb collisions measurable via azimuthally sensitive HBT"
Gunnar Graef, Mike Lisa, Marcus Bleicher
Phys. Rev. C **89** (2014) 014903

324. "Jet-Hadron Correlations in $\sqrt{s_{NN}} = 200$ GeV $p + p$ and Central $Au + Au$ Collisions"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Rev. Lett. 112, no. 12, 122301 (2014)

325. "Measurement of charge multiplicity asymmetry correlations in high-energy nucleus-nucleus collisions at $\sqrt{s_{NN}} = 200$ GeV"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Rev. C 89, no. 4, 044908 (2014)

326. "Neutral pion cross section and spin asymmetries at intermediate pseudorapidity in polarized proton collisions at 200 GeV"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Rev. D 89, no. 1, 012001 (2014)

327. "Energy Dependence of Moments of Net-proton Multiplicity Distributions at RHIC"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Rev. Lett. 112, no. 3, 032302 (2014)

328. "J/ψ production at low p_T in Au+Au and Cu+Cu collisions at $\sqrt{s_{NN}} = 200$ GeV with the STAR detector"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Rev. C 90, no. 2, 024906 (2014)

329. "J/ψ polarization in p+p collisions at $\sqrt{s} = 200$ GeV in STAR"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Lett. B 739, 180 (2014)

330. "Suppression of γ production in d+Au and Au+Au collisions at $\sqrt{s_{NN}}$=200GeV"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Lett. B 735, 127 (2014)

331. "Dielectron Mass Spectra from Au+Au Collisions at $\sqrt{s_{\rm NN}}$ = 200 GeV"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Rev. Lett. 113, no. 2, 022301 (2014), [Addendum-ibid. 113, no. 4, 049903 (2014)]

332. "Beam-Energy Dependence of the Directed Flow of Protons, Antiprotons, and Pions in Au+Au Collisions"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Rev. Lett. 112, no. 16, 162301 (2014)

333. "Beam energy dependence of moments of the net-charge multiplicity distributions in Au+Au collisions at RHIC"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Rev. Lett. 113, 092301 (2014)

334. "Dielectron azimuthal anisotropy at mid-rapidity in Au+Au collisions at $\sqrt{s_{_{NN}}}$ = 200 GeV"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Rev. C 90, no. 6, 064904 (2014)

335. "Event-plane-dependent dihadron correlations with harmonic v_n subtraction in Au + Au collisions at $\sqrt{s_{NN}}$ = 200 GeV"
H. Agakishiev *et al.* [STAR Collaboration].
Phys. Rev. C 89, no. 4, 041901 (2014)

336. "Beam-energy dependence of charge separation along the magnetic field in Au+Au collisions at RHIC"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Rev. Lett. 113, 052302 (2014)

337. "Observation of D^0 Meson Nuclear Modifications in Au+Au Collisions at $\sqrt{s_{NN}}$ = 200GeV"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Rev. Lett. 113, no. 14, 142301 (2014)

338. "Measurement of longitudinal spin asymmetries for weak boson production in polarized proton-proton collisions at RHIC"
L. Adamczyk *et al.* [STAR Collaboration].
Phys. Rev. Lett. 113, 072301 (2014)

339. "Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}}$ = 2.76 TeV"
B. B. Abelev *et al.* [ALICE Collaboration].
Phys. Lett. B 728, 216 (2014), [Erratum-ibid. B 734, 409 (2014)]

340. "Multiplicity Dependence of Pion, Kaon, Proton and Lambda Production in p-Pb Collisions at $\sqrt{s_{NN}}$ = 5.02 TeV"
B. B. Abelev *et al.* [ALICE Collaboration].
Phys. Lett. B 728, 25 (2014)

341. "Two- and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{NN}}$ = 2.76 TeV at the CERN Large Hadron Collider"
B. B. Abelev *et al.* [ALICE Collaboration].
Phys. Rev. C 89, no. 2, 024911 (2014)

342. "Centrality, rapidity and transverse momentum dependence of J/ψ suppression in Pb-Pb collisions at $\sqrt{s_{\rm NN}}$=2.76 TeV"
B. B. Abelev *et al.* [ALICE Collaboration].
Phys. Lett. B 734, 314 (2014)

343. "Production of charged pions, kaons and protons at large transverse momenta in pp and PbPb collisions at $\sqrt{s_{\rm NN}}$ =2.76 TeV"
B. B. Abelev *et al.* [ALICE Collaboration].
Phys. Lett. B 736, 196 (2014)

344. "Measurement of quarkonium production at forward rapidity in *pp* collisions at $\sqrt{s} = 7$ TeV"
B. B. Abelev *et al.* [ALICE Collaboration].
Eur. Phys. J. C 74, no. 8, 2974 (2014)

345. "Freeze-out radii extracted from three-pion cumulants in pp, pPb and PbPb collisions at the LHC"
B. B. Abelev *et al.* [ALICE Collaboration].
Phys. Lett. B 739, 139 (2014)

346. "Azimuthal anisotropy of D meson production in Pb-Pb collisions at $\sqrt{s_{\rm NN}} = 2.76$ TeV"
B. B. Abelev *et al.* [ALICE Collaboration].
Phys. Rev. C 90, no. 3, 034904 (2014)

347. "Transverse momentum dependence of inclusive primary charged-particle production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV"
B. B. Abelev *et al.* [ALICE Collaboration].
Eur. Phys. J. C 74, no. 9, 3054 (2014)

348. "Measurement of prompt D-meson production in $p - Pb$ collisions at $\sqrt{s_{NN}} = 5.02$ TeV"
B. B. Abelev *et al.* [ALICE Collaboration].
Phys. Rev. Lett. 113, no. 23, 232301 (2014)

349. "Neutral pion production at midrapidity in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76\,$TeV"
B. B. Abelev *et al.* [ALICE Collaboration].
Eur. Phys. J. C 74, no. 10, 3108 (2014)

350. "Beauty production in pp collisions at $\sqrt{s} = 2.76$ TeV measured via semi-electronic decays"
B. B. Abelev *et al.* [ALICE Collaboration].
Phys. Lett. B 738, 97 (2014)

351. "Suppression of $\Upsilon(1S)$ at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\rm NN}} = 2.76$ TeV"
B. B. Abelev *et al.* [ALICE Collaboration].
Phys. Lett. B 738, 361 (2014)

352. "Multiparticle azimuthal correlations in p -Pb and Pb-Pb collisions at the CERN Large Hadron Collider"
B. B. Abelev *et al.* [ALICE Collaboration].
Phys. Rev. C 90, no. 5, 054901 (2014)

353. "Exclusive J/ψ photoproduction off protons in ultra-peripheral p-Pb collisions at $\sqrt{s_{\rm NN}} = 5.02$ TeV"
B. B. Abelev *et al.* [ALICE Collaboration].
Phys. Rev. Lett. 113, no. 23, 232504 (2014)

354. "Event-by-event mean p_T fluctuations in pp and Pb-Pb collisions at the LHC"
B. B. Abelev *et al.* [ALICE Collaboration].
Eur. Phys. J. C 74, no. 10, 3077 (2014)

355. "Suppression of ψ(2S) production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV"
B. B. Abelev *et al.* [ALICE Collaboration].
JHEP 1412 73 (2014)

356. "Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{\rm NN}} = 5.02$ TeV in van der Meer scans with the ALICE detector"
ALICE Collaboration (Betty Bezverkhny Abelev et al.)
JINST 9 (2014) 11, P11003.

357. B. Abelev et al. [STAR Collaboration], Measurement of interaction between antiprotons, Nature **527** (2015) 345

358. B. Abelev et al. [STAR Collaboration], Azimuthal anisotropy in U+U and Au+Au collisions at RHIC, Phys. Rev. Lett. **115** (2015) 222301

359. B. Abelev et al. [STAR Collaboration], Observation of charge asymmetry dependence of pion elliptic flow and the possible chiral magnetic wave in heavy-ion collisions, Phys. Rev. Lett. **114** (2015) 252302

360. B. Abelev et al. [STAR Collaboration], Measurements of Dielectron Production in Au+Au Collisions at sqrt(sNN) = 200 GeV from the STAR Experiment, Phys. Rev. C **92** (2015) 24912

361. B. Abelev et al. [STAR Collaboration], Observation of Transverse Spin-Dependent Azimuthal Correlations of Charged Pion Pairs in p+p at sqrt(s)=200 GeV, Phys. Rev. Lett. **115** (2015) 242501

362. B. Abelev et al. [STAR Collaboration], Long-range pseudorapidity dihadron correlations in d+Au collisions at sqrt(sNN)=200 GeV, Phys. Lett. B **747** (2015) 265

363. B. Abelev et al. [STAR Collaboration], Energy dependence of acceptance-corrected dielectron excess mass spectrum at mid-rapidity in Au+Au collisions at $\sqrt{s_{NN}}$ = 19.6 and 200 GeV, Phys. Lett. B **750** (2015) 64

364. B. Abelev et al. [STAR Collaboration], Effect of event selection on jetlike correlation measurement in d+Au collisions at 200 GeV, Phys. Lett. B **743** (2015) 333

365. B. Abelev et al. [STAR Collaboration], Energy Dependence of K-pi, p-pi, and K-p Fluctuations in Au+Au Collisions from sqrt(sNN) = 7.7 to 200 GeV, Phys. Rev. C **92** (2015) 21901

366. B. Abelev et al. [STAR Collaboration], Di-Hadron Correlations with Identified Leading Hadrons in 200 GeV Au+Au and d+Au Collisions at STAR, Phys. Lett. B **751** (2015) 233

367. B. Abelev et al. [STAR Collaboration], Isolation of Flow and Nonflow Correlations by Two- and Four-Particle Cumulant Measurements of Azimuthal Harmonics in sqrt(s)=200 GeV Au+Au Collisions, Phys. Lett. B **745** (2015) 40

368. B. Abelev et al. [STAR Collaboration], Charged-to-neutral correlation at forward rapidity in Au+Au collisions at 200 GeV, Phys. Rev. C **91** (2015) 34905

369. B. Abelev et al. [STAR Collaboration], The Lambda Lambda Correlation Function in Au+Au collisions at sqrt s NN = 200 GeV, Phys. Rev. Lett. **114** (2015) 22301

370. B. Abelev et al. [STAR Collaboration], Precision Measurement of the Longitudinal Double-spin Asymmetry for Inclusive Jet Production in Polarized Proton Collisions at $\sqrt{s} = 200$ GeV, Phys. Rev. Lett. **115** (2015) 92002

371. B. Abelev et al. [STAR Collaboration], Beam energy dependent two-pion interferometry and the freeze-out eccentricity of pions in heavy ion collisions at STAR, Phys. Rev. C **92** (2015) 14904

372. B. B. Abelev *et al.* [ALICE Collaboration], Phys. Rev. C **91**, 024609 (2015) doi:10.1103/PhysRevC.91.024609 [arXiv:1404.0495 [nucl-ex]].

373. B. B. Abelev *et al.* [ALICE Collaboration], Phys. Rev. D **91**, no. 1, 012001 (2015) doi:10.1103/PhysRevD.91.012001 [arXiv:1405.4117 [nucl-ex]].

374. B. B. Abelev *et al.* [ALICE Collaboration], JHEP **1506**, 190 (2015) doi:10.1007/JHEP06(2015)190 [arXiv:1405.4632 [nucl-ex]].

375. B. B. Abelev *et al.* [ALICE Collaboration], Eur. Phys. J. C **75**, no. 1, 1 (2015) doi:10.1140/epjc/s10052-014-3191-x [arXiv:1406.3206 [nucl-ex]].

376. B. B. Abelev *et al.* [ALICE Collaboration], Phys. Lett. B **741**, 38 (2015) doi:10.1016/j.physletb.2014.11.028 [arXiv:1406.5463 [nucl-ex]].

377. B. B. Abelev *et al.* [ALICE Collaboration], Phys. Lett. B **740**, 105 (2015) doi:10.1016/j.physletb.2014.11.041 [arXiv:1410.2234 [nucl-ex]].

378. B. B. Abelev *et al.* [ALICE Collaboration], Phys. Rev. D **91**, no. 11, 112012 (2015) doi:10.1103/PhysRevD.91.112012 [arXiv:1411.4969 [nucl-ex]].

379. B. B. Abelev *et al.* [ALICE Collaboration], Eur. Phys. J. C **75**, no. 4, 146 (2015) doi:10.1140/epjc/s10052-015-3356-2 [arXiv:1411.4981 [nucl-ex]].

380. J. Adam *et al.* [ALICE Collaboration], Phys. Rev. C **91**, no. 6, 064905 (2015) doi:10.1103/PhysRevC.91.064905 [arXiv:1412.6828 [nucl-ex]].

381. J. Adam *et al.* [ALICE Collaboration], JHEP **1505**, 097 (2015) doi:10.1007/JHEP05(2015)097 [arXiv:1502.00230 [nucl-ex]].

382. J. Adam *et al.* [ALICE Collaboration], Phys. Rev. C **91**, 034906 (2015) doi:10.1103/PhysRevC.91.034906 [arXiv:1502.00559 [nucl-ex]].

383. J. Adam *et al.* [ALICE Collaboration], Phys. Lett. B **746**, 1 (2015) doi:10.1016/j.physletb.2015.04.039 [arXiv:1502.01689 [nucl-ex]].

384. J. Adam *et al.* [ALICE Collaboration], Phys. Lett. B **749**, 68 (2015) doi:10.1016/j.physletb.2015.07.054 [arXiv:1503.00681 [nucl-ex]].

385. J. Adam *et al.* [ALICE Collaboration], Phys. Lett. B **746**, 385 (2015) doi:10.1016/j.physletb.2015.05.033 [arXiv:1503.03050 [nucl-ex]].

386. J. Adam *et al.* [ALICE Collaboration], JHEP **1506**, 055 (2015) doi:10.1007/JHEP06(2015)055 [arXiv:1503.07179 [nucl-ex]].

387. J. Adam *et al.* [ALICE Collaboration], JHEP **1509**, 095 (2015) doi:10.1007/JHEP09(2015)095 [arXiv:1503.09177 [nucl-ex]].

388. J. Adam *et al.* [ALICE Collaboration], Eur. Phys. J. C **75**, no. 5, 226 (2015) doi:10.1140/epjc/s10052-015-3422-9 [arXiv:1504.00024 [nucl-ex]].

389. J. Adam *et al.* [ALICE Collaboration], JHEP **1507**, 051 (2015) doi:10.1007/JHEP07(2015)051 [arXiv:1504.07151 [nucl-ex]].

390. J. Adam *et al.* [ALICE Collaboration], JHEP **1509**, 148 (2015) doi:10.1007/JHEP09(2015)148 [arXiv:1505.00664 [nucl-ex]].

391. J. Adam *et al.* [ALICE Collaboration], JHEP **1509**, 170 (2015) doi:10.1007/JHEP09(2015)170 [arXiv:1506.03984 [nucl-ex]].

392. J. Adam *et al.* [ALICE Collaboration], JHEP **1511**, 205 (2015) doi:10.1007/JHEP11(2015)205 [arXiv:1506.06604 [nucl-ex]].

393. J. Adam *et al.* [ALICE Collaboration], Phys. Rev. C **92**, no. 5, 054908 (2015) doi:10.1103/PhysRevC.92.054908 [arXiv:1506.07884 [nucl-ex]].

394. J. Adam *et al.* [ALICE Collaboration], JHEP **1511**, 127 (2015) doi:10.1007/JHEP11(2015)127 [arXiv:1506.08808 [nucl-ex]].

395. J. Adam *et al.* [ALICE Collaboration], Nature Phys. **11**, no. 10, 811 (2015) doi:10.1038/nphys3432 [arXiv:1508.03986 [nucl-ex]].

396. J. Adam *et al.* [ALICE Collaboration], Phys. Lett. B **751**, 358 (2015) doi:10.1016/j.physletb.2015.10.040 [arXiv:1508.05076 [nucl-ex]].

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

On *teaching* the physics of sports

1. Seminar, Kent State University, Kent, OH, Sept 2012
2. Seminar, University of California, Davis, CA, Oct 2013
3. Seminar, Texas A&M University, Commerce, TX, Nov 2013
4. Seminar, Ohio State University, Columbus, OH, April 2014
5. Outreach session, WPCF, Budapest, Hungary, August 2014
6. Colloquium, Central Michigan University, Mount Pleasant, MI, October 2014
7. Book and teaching presentation, American Association of Physics Teachers (AAPT) meeting, College Park, MD, July 2015
8. Colloquium, Michigan State University, East Lansing, MI, Nov 2015
9. Colloquium, Wayne State University, Detroit, MI, Dec 2015
10. Colloquium, Ohio University, Athens, OH, Feb 2016
11. Colloquium, Western Michigan University, Kalamazoo, MI, March 2016
12. Colloquium, University of Houston, TX, May 2016
13. Colloquium, University of Texas, Austin, May 2016
14. Colloquium, University of Illinois, Chicago, Nov 2016
15. Colloquium, Lehigh University, Bethlehem, PA, Nov 2016

About the physics of sports (outreach)

1. *The Physics of Sports– A nuclear physicist starts reading Sports Illustrated*
   Lecture to physics & math seniors at STEM Metro high school, Columbus, OH, April 2012
2. *Mass, Momentum, and March Madness – The physics of basketball*
   Ohio State Honors and Scholars Program Dinner – Kuhn House, Columbus, OH, April 2015
3. *The Physics of Sports at The Ohio State University: An academic approach to atheltics*
   College of Arts and Sciences Alumni & Friends Spring Game Tailgate, Columbus, OH April 2016

Research presentations

1. Physics Department Colloquium
   Lehigh University, Bethlehem, PA, November 2016
   Intensity interferometry from stars to STAR: The Hanbury Brown-Twiss effect and femtoscopy in nuclear collisions

2. High Energy Physics Seminar
   University of Illinois, Chicago, Nov 2016
   Subatomic fluid spintronics - Global hyperon polarization in heavy ion collisions at RHIC

3. Particle Production in Hadronic Collisions
   Polish Academy of Arts and Sciences, Krakow, Poland, July 2016
   Observation of global hyperon polarization in non-central heavy ion collisions

4. Nuclear Physics Seminar
   Niels Bohr Institute, Copenhagen, Denmark, July 2016
   Observation of global hyperon polarization in non-central heavy ion collisions

5. Symposium on ULtra-RelatIvistiCH HEavy IoNZ 2016
   CERN, Geneva, Switzerland, July 2016
   Observation of global hyperon polarization in non-central heavy ion collisions

6. Strangeness in Quark Matter (SQM), Invited plenary presentation
   Berkeley, CA, June 2016
   Observation of global hyperon polarization in non-central heavy ion collisions

7. Nuclear Physics Seminar
   Brookhaven National Laboratory, May 2016
   Observation of global hyperon polarization in non-central heavy ion collisions

8. Physics Department Colloquium
   Rice University, Houston TX, March 2016
   Intensity interferometry from stars to STAR: The Hanbury Brown-Twiss effect and femtoscopy in nuclear collisions

9. Nuclear Physics Seminar
   McGill University, Quebec, Canada, March 2016
   Global hyperon polarization at RHIC

10. QCD Chirality Workshop 2016
    UCLA, Los Angeles, CA, February 2016
    Global polarization of hyperons measured by STAR

11. Particle/Astro/Nuclear seminar
    Wayne State University, Detroit, MI, December 2015
    Global Λ polarization in STAR at BES energies

12. Workshop on Particle Correlations and Femtoscopy (WPCF)
    Warsaw, Poland, Nov 2015
    Hanbury Brown-Twiss interferometry: roots, evolution and three decades in heavy ion collisions - student lecture
    and
13. *Global hyperon polarization in the RHIC Beam Energy Scan measured by STAR*

14. Nuclear Physics Seminar
    Ohio University, Athens, OH, October 2015
    Experimentally Exploring the Phase Structure of QCD at RHIC

15. Scientific Symposium in Honor of Konrad Gelbke
    Michigan State University, East Lansing, MI, October 2015
    An intermediate energy approach to ultrarelativistic energies

16. XXV International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions (Quark Matter 2015)
    Kobe, Japan, October 2015
    Invited plenary presentation: *Femtoscopy in relativistic heavy ion collisions: Experimental overview in the third decade*

17. Conference on Intersections of Particle and Nuclear Physics (CIPANP)
    Vail, CO, May 2015
    Trends from the Beam Energy Scan at RHIC

18. Workshop of the Topical Group on Hadronic Physics, American Physical Society
    Baltimore, MD, April 2015
    A Condensed Matter Approach to QCD - The Beam Energy Scan at RHIC

19. American Physical Society, Ohio Section Meeting
    Kent, OH, March 2015
    What we're learning from the Beam Energy Scan at RHIC

20. Nuclear Physics Seminar
    Indiana University, Bloomington, IN, February 2015
    The RHIC Beam Energy Scan - The Importance of RHIC in the LHC Era

21. Workshop on Particle Correlations and Femtoscopy (WPCF)
    Budapest, Hungary, August 2014
    Highlights of the STAR BES-I Program

22. Nuclear Physics Seminar
    Texas A&M University, Commerce, TX, Nov 2013
    Partonic condensed matter physics– the relevance of RHIC in the LHC era

23. Workshop on Particle Correlations and Femtoscopy (WPCF)
    Acireale, Sicily, Nov 2013
    Directed flow measurements in the RHIC Beam Energy Scan by the STAR Collaboration
    and
24. *Femtoscopy and Hadro/Nucleochemistry*

25. Relativistic Aspects of Nuclear Physics (RANP)
    Rio di Janiero, Brasil, Sept 2013
    Seeking the QCD Mixed Phyase in the RHIC Beam Energy Scan with STAR

26. International Conference in New Frontiers in Physics (ICNFP)
    Crete, Greece, Sept 2013
    Seeking the QCD Mixed Phyase in the RHIC Beam Energy Scan with STAR
    and
27. *A condensed matter approach to dynamic systems at the micrometer and femtometer scales: A tale of two programs*

28. American Physical Society Meeting
    Denver, Colorado, April 2013
    The RHIC beam energy scan: A condensed-matter approach to partonic matter

29. Critical Point and the Onset of Deconfinement (CPOD)
    Napa, California, March 2013
    Space-time structure of dynamic systems under changing conditions

30. 10^{th} International Conference on Quark Confinement and the Hadronic Spectrum (Confinement X)
    Munich, Germany, October 2012
    A condensed matter approach to dynamic systems at the micrometer and femtometer scales: A tale of two program

31. VIII Workshop on Particle Correlations and Femtoscopy (WPCF12)
    Frankfurt, Germany, Sept 2012
    Second-order azimuthally-sensitive pion femtoscopy– The final word
    and
32. *Kaon-pion correlations in p+p and Au+Au collisions at 200 GeV*

33. International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions (Quark Matter): Teacher's Day
    Washington, DC, August 2012
    Peering through the haze: Experimentally extracting QGP properties

34. 28^{th} Winter Workshop on Nuclear Dyanmics
    Dorado, Puerto Rico, April 2012
    Looking for signs of a softening in the equation of state in the energy scan at RHIC

35. ECTP International Conference on Primordial QCD Matter in the LHC Era
    Cairo, Egypt, Dec 2011
    Partonic Condensed Matter Physics: The relevance of RHIC at the dawn of the LHC
    and
36. *Overview of Results from the STAR Beam Energy Scan*

37. Physics Department Colloquium
University of Kentucky, Lexington, KY, Oct 2011
Partonic Condensed Matter Physics: The relevance of RHIC at the dawn of the LHC

38. Workshop On Fluctuations, Correlations and RHIC Low Energy Runs
Brookhaven National Laboratory, Oct 2011
NCQ scaling violation due to baryon number transport ("stopping")
and
39. *The freeze-out source shape: recent results from the STAR energy scan*

40. VI Workshop on Particle Correlations and Femtoscopy (WPCF11)
University of Tokyo, Japan, Sept 2011
The freeze-out source shape: recent results from the STAR energy scan

41. Science Gang Seminar
Lynchburg College, VA, Oct 2010
Size Matters - spacetime geometry in subatomic collisions

42. Midwest Critical Mass 2010
Toledo OH, Oct 2010
Source anisotropy in the energy scan at STAR

43. V Workshop on Particle Correlations and Femtoscopy (WPCF10)
Kiev, Ukaraine, Oct 2010
Model calculations on the energy dependence of azimuthally-sensitive femtoscopy

44. Nuclear Theory Colloquium
Frankfurt Institute for Advanced Study
Frankfurt, Germany, July 2010
Azimuthally-sensitive pion femtoscopy and the RHIC energy scan

45. IV Workshop on Particle Correlations and Femtoscopy (WPCF09)
CERN, Geneva, Switzerland, Oct 2009
Azimuthally-sensitive femtoscopy: an excitation function worth pursuing

46. Theory Phenomenology Seminar
CERN, Geneva, Switzerland, Oct 2009
Heavy Ion's Mini-me: Strong Radial Flow in p+p Collisions at RHIC

47. Workshop on Flow and Dissiipation 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?

48. 5^{th} International Workshop on Critical Point and Onset of Deconfinement
Brookhaven National Lab, Upton, NY, June 2009
Azimuthally-sensitive interferometry and the softest point

49. Workshop on Baryon Stopping and Entropy Production
Brookhaven National Laboratory, Upton, NY, June 2009
How big is big enough?

50. 1^{st} 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

51. 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?

52. XXV Winter Workshop on Nuclear Dynamics
Big Sky, MT, February 2009
Oh, right... protons

53. Nuclear Physics Seminar
Kent State University, Kent, OH, January 2009
Collectivity in hadronic collisions

54. Nuclear Physics Seminar
Michigan State University, East Lansing, MI, January 2009
What we hope to learn from heavy ions at the LHC

55. Workshop on Hot and Dense Matter: the next few years
Rehovot, Israel, November 2008
Comparing hadron and nuclear collisions

56. Particles and Nuclei in Collision (PANIC 2008)
Eilat, Isreal, November 2008
The soft sector in hadronic collisions (contributed talk)

57. VIII International Workshop on Relativistic Aspects of Nuclear Physics (RANP 2008)
Rio de Janeiero, Brasil, November 2008
Comparing p+p and A+A collisions at RHIC: trivia, coincidences, and surprises

58. IV Workshop on Particle Correlations and Femtoscopy (WPCF08)
Krakow, Poland, Sept 2008
The multiplicity evolution of single-particle spectra at RHIC

59. Heavy Ion Forum
CERN, Geneva, Switzerland, Sept 2008
How different (really) are p+p and A+A collisions at RHIC?

60. Nuclear Physics and RIKEN Theory Seminar
Brookhaven National Laboratory, Upton, NY, August 2008
Is energy-momentum conservation masquerading as more interesting physics at RHIC?

61. 24^{th} Winter Workshop on Nuclear Dynamics
South Padre Island, TX, April 2008
How interesting is momentum conservation? (How important is it?)

62. 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

63. Nuclear and High Energy Physics Seminar
University of Texas, Austin, September 2007
Femtoscopy in high-energy collisions: a (too-universal) dynamical picture

64. XXXVII International Symposium on Multiparticle Dynamics (ISMD) 2007
Berkeley, CA, August 2007
A menu of expectations for femtoscopy 1.0 at LHC

65. III Workshop on Particle Correlations and Femtoscopy (WPCF07)
Santa Rosa, CA, August 2007
The status of the RHIC femtoscopic program

66. 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

67. ALICE LHC Physics Week
Muenster, Germany, February 2007
EMCICs and femtoscopic correlations in p+p collisions at RHIC

68. Nuclear Physics Seminar
Kent State University, January 2007
Open questions in low-p_T physics at the highest energies

69. 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

70. Soft Physics in Heavy Ion Collisions (SPHIC06)
Catania, Italy, September 2006
Femtoscopy at the LHC: Expectations and Directions

71. 2$^{\text{nd}}$ Workshop on Particle Correlations and Femtoscopy (WPCF06)
Sao Paulo, Brasil, Sept 2006
Femtoscopy at the LHC: Expectations and Directions
and
72. *Fitted HBT radii versus space-time variances in flow-dominated models*
and
73. *Correlations due to global conservation laws and the measurement of small systems*

74. 7$^{\text{th}}$ International conference on quark confinement and the hadronic spectrum
Ponta Delgada, Azures, Portugal, August 2006
The bulk system at RHIC

75. Summer workshop on relativistic heavy ion physics
Nantes, France, July 2006
Status of the STAR femtoscopic program

76. Hot Quarks 2006
Sardinia, Italy, June 2006
Femtoscopy in heavy ion collisions: Wherefore, whence, and whither?

77. VII$^{\text{th}}$ International Conference on strong and electroweak matter (SEWM)
Brookhaven National Laboratory, May 2006
The soft sector at RHIC - messages and open issues

78. Nuclear Physics Seminar
Wayne State University, November 2005
Femtoscopy and the soft sector of pp and AA collisions

79. Nuclear Physics Seminar
University of Rochester, October 2005
Multi-hadron correlations and the space-time structure of (heavy ion) collisions

80. Workshop on Particle Correlations and Femtoscopy (WPCF05)
Kroměříž, Czech Republic, August 2005
Femtoscopy in heavy ion collisions: Two decades of progress

81. XXXV International Symposium on Multiparticle Dynamics (ISMD) 2005
Kroměříž, Czech Republic, August 2005
Recent developments in femtoscopy at RHIC

82. 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*

83. School of Collective Dynamics in High-Energy Collisions
Berkeley, CA, May 2005
Two lectures on *Femtoscopy in heavy ion collisions*

84. XXI Winter Workshop on Nuclear Dynamics
Breckenridge, CO, February 2005
AA versus pp (& dA): A puzzling scaling in HBT@RHIC

85. Joint Collloquium of Warsaw University and Warsaw University of Technology
Warsaw University, Poland, December 2004
Geometry-driven physics at RHIC

86. Physics Department Colloquium
Michigan State University, October 2004
Size Matters: the space-time geometry of subatomic collisions

87. Physics Department Colloquium
Ohio State University, September 2004
Size Matters: the space-time geometry of subatomic collisions

88. Sambamurti Memorial Prize Lecture
Brookhaven National Lab, July 2004
Size Matters: the space-time geometry of subatomic collisions

89. RHIC/AGS Users' Meeting, Session on Global Properties
Brookhaven National Lab, May 2004
The excitation function of two-particle correlations

90. 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

91. 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.*

92. 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

93. Second Warsaw Meeting on Particle Correlations and Resonances
Warsaw, Poland, October 2003
Azimuthally-sensitive HBT in STAR
and
94. *Conference Summary*

95. XXXIII International Symposium on Multiparticle Dynamics (ISMD)
Krakow, Poland, September 2003
Azimuthally-sensitive intensity interferometry at RHIC
Proceedings: Acta Physica Polonica B35 37 (2004)

96. 8^{th} 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

97. 19^{th} 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

98. Heavy Ion Forum, 18 October 2002
European Organization for Nuclear Physics (CERN), Geneva, Switzerland
Heavy ion collision dynamics from the soft sector at RHIC

99. Nuclear Physics Seminar
Indiana University/IUCF, 4 October 2002
Two-particle correlations and heavy ion collision dynamics at RHIC/STAR

100. 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.

101. 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*
and
102. *The STAR Experiment at RHIC– An Overview*

103. American Physical Society Invited Presentation
Albequerque, New Mexico, April 2002
Recent Results from STAR

104. Triangle Universities Nuclear Theory Colloquium
Duke University, April 2002
Flow and Interferometry as Measured by the STAR Experiment at RHIC

105. 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

106. Nuclear Physics Seminar
Kent State University, October 2001
First Results from the STAR Experiment at RHIC: Emergence of a Consistent Picture?

107. Nuclear Physics Seminar
University of Illinois, Urbana-Champaign, October 2001
First Results from the STAR Experiment at RHIC: Emergence of a Consistent Picture?

108. American Chemical Society, Nuclear Division Symposium on RHIC Physics
Chicago, IL, 26-30 August 2001
Intensity interferometry in ultra-relativistic heavy ion collisions

109. 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

110. 2000 RHIC-AGS User's Meeting
Brookhaven National Laboratory, 7-8 August 2000
First Results from the STAR Collaboration

111. IVth Rencontres du Vietnam
Hanoi, Vietnam, 19-25 July 2000
The STAR Experiment at RHIC

112. 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

113. Nuclear Physics Seminar
Brookhaven National Laboratory, March 28 2000
Pion HBT for Central and Non-central Au+Au Collisions at the AGS

114. RNC Nuclear Physics Seminar
Lawrence Berkeley National Lab, Berkeley, CA, March 2000
Tilted Pion Sources and Azimuthal Dependence of HBT Radii

115. Nuclear Physics Seminar
University of California, Davis, March 2000
Tilted Pion Sources and Azimuthal Dependence of HBT Radii

116. RHIC 2000 - Combined 5^{th} RHIC-INT Workshop and 16^{th} Winter Workshop on Nuclear Dynamics
Park City, UT, March, 2000
Interferometry with Respect to the Reaction Plane in Relativistic Heavy Ion Collisions

117. 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

118. Relativistic Heavy Ion Minisymposium on HBT
APS Centennial Meeting
Atlanta, GA, March, 1999
Beam Energy Evolution of π HBT Systematics at the AGS

119. 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

120. 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

121. Nuclear Physics Seminar
Wayne State University, December, 1998
Geometry and Flow at the AGS in π^- HBT – An Excitation Function

122. Nuclear Physics Seminar
Michigan State University, December, 1998
Geometry and Flow at the AGS in π^- HBT – An Excitation Function

123. Gordon Research Conference on Nuclear Chemistry
New London, New Hampshire, June 1998
HBT Studies from the E895 Experiment

124. 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

125. Nuclear Physics Seminar
Kent State University, June, 1998
Probing the Space-time Evolution of Heavy Ion Collisions with pion Correlations

126. 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

127. 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

128. Sixth Conference on the Intersections of Particle and Nuclear Physics
Big Sky, MT, 30 May 1997
AGS Experiment E895: A Flow Excitation Function

129. Workshop on Nuclear Physics
Burr Oak, OH, 3 May 1997
Collective Flow Studies at the Bevalac and AGS

130. 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

131. Nuclear Physics Seminar
Michigan State University, December, 1996
Flow in Au+Au Collisions with the EOS TPC: Past, Present, and Future

132. 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

133. Physics Department Colloquium
Ohio State University, February 1996
Collective Motion in Heavy Ion Collisions at $E/A \sim 1$ GeV

134. American Chemical Society Symposium on Hot and Expanding Nuclear Matter,
Chicago, August, 1995
Recent Flow Results from the EOS TPC

135. Nuclear Science Division Colloquium
Lawrence Berkeley Laboratory, February, 1995
Progress in Collective Flow Studies in Low and Intermediate Energy Heavy Ion Collisions

136. 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

137. Nuclear Science Advisory Committee (NSAC) Heavy Ion Town Meeting
Brookhaven National Lab, January, 1995
Collective Flow: From the Onset to Bevalac/SIS

138. 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

139. 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