RICHARD RUSSELL BETTS

INVITED AND PLENARY PAPERS

Alpha Transfer Reactions
Workshop on Heavy Ion Reactions
Niels Bohr Institute, Copenhagen, Denmark (1973)

Alpha Transfer to the Ca Isotopes
XII International Winter Meeting on Nuclear Physics
Villars, Switzerland (1974)

Multiparticle Transfer Reactions and the Pairing Vibration Model
APS-DNP Meeting
Chicago, IL (1977)

Fusion Oscillations in Si + Si and O + Si Collisions
Resonance Workshop
Florida State University, Tallahassee (1978)

Resonance Behavior in $^{28}$Si + $^{28}$Si Interactions
EPS Conference on Large Amplitude Collective Nuclear Motion
Keszthely (Lake Balaton) Hungary (1979)

Structure in Excitation Functions for Heavy Systems
International Conference on the Resonant Behavior of Heavy Ion Systems
Aegean Sea - Greece (1980)

Alpha Transfer Reactions
International Workshop on Nuclear Physics
Trieste, Italy (1981)

High Spin Resonance in $^{28}$Si + $^{28}$Si Reactions
International Workshop on Heavy Ion Resonances
Bad Honnef, W. Germany (1981)

Resonances in Heavy Systems
Conference on Nuclear Physics with Heavy Ions
Stony Brook, NY (1983)

What are the Roles of Multiple and Mutual Excitations in Heavy Ion Reactions?
Workshop on Heavy Ion Direct Reactions
Brookhaven National Laboratory, Upton NY (1983)
Recent Progress in the Study of Heavy Ion Resonances
International Conference on Clustering Aspects of Nuclear Structure and Reactions

Resonances in Collisions between s-d Shell Nuclei
Adriatic International Conference on Nuclear Physics
Hvar, Yugoslavia (1984)

Resonances in Heavy Ion Collisions - Nuclear Structure at Large Deformation
Second International Conference on Nucleus-Nucleus Collisions
Visby, Sweden (1985)

Lectures on Nuclear Reactions
UK Summer School on Nuclear Physics
St. Andrews, Scotland (1985)

Clustering Aspects of Nuclear Structure and Reactions
IUPAP International Conference on Nuclear Physics
Harrogate, England (1986)

A TPC for Heavy Ion Positrons
Workshop on Future Experiments to Study Positron Production in Heavy Ion Reactions
Argonne National Laboratory, Argonne, IL (1987)

Sub-barrier Reactions Measured using a Recoil Mass Separator
Symposium on Heavy Ion Interactions around the Coulomb Barrier
Legnaro, Italy (1988)

What is a Cluster?
Fifth International Conference on Clustering Aspects of Nuclear and Sub-nuclear Systems
Kyoto, Japan (1988)

Sub-barrier Transfer Reactions Measured using a Recoil Mass Separator
International Symposium on Heavy-Ion Reaction Dynamics in the Tandem Energy Region
Hitachi, Japan (1988)

Concluding Remarks - Conference Summary
International Symposium on Heavy-Ion Reaction Dynamics in the Tandem Energy Region
Hitachi, Japan (1988)
Anomalous Positrons from Heavy Ion Collisions, Past Results and Future Plans
Workshop on Highly Charged Ions: New Physics and Advanced Techniques,
Berkeley, CA (1989)

Nuclei under Extreme Conditions - Summary of Long Range Plan Working Group Report
APS - DNP Meeting, Asilomar, CA (1989)

Sub-barrier Reaction Studies using a Recoil Mass Separator
Workshop on Nuclear Structure in the Era of New Spectroscopy
Niels Bohr Institute, Copenhagen, Denmark (1989)

Transfer Reactions: Summary and Prospects
Symposium on Nuclear Structure with Large Arrays - Niels Bohr Institute
Copenhagen, Denmark (1989)

Heavy Ion Transfer Reactions: Status and Prospects
Workshop on Heavy Ion Collisions at Energies Near the Coulomb Barrier,
Daresbury, UK (1990)

Panel Discussion
Workshop on Nuclear Structure and Heavy Ion Reaction Dynamics
Notre Dame, IN (1990)

Prospects for Positron Experiments at ATLAS
Workshop on Positron Production in Strong Fields
Argonne National Laboratory, Argonne, IL (1990)

The APEX Experiment - Prospects for Positron Experiments at ATLAS
Daresbury Laboratory Study Weekend
Daresbury, UK (1990)

Positrons from Heavy Ion Collisions: Status and Prospects
"A Lifetime in Physics" - Symposium to Honor T. K. Alexander
Chalk River, Canada (1991)

Sub-Barrier Fusion: An Experimental Review
International Symposium: "Towards a Unified Picture of Nuclear Dynamics"
Nikko, Japan (1991)

Directions in Heavy Ion Physics
XIV Reuniao de Trabalho Sobre Fisica Nuclear no Brasil
Aguas de Lindoia, Brazil (1991)
Search for Exotic Cluster States in $^{24}$Mg
NW Europe Nuclear Physics Conference
Edinburgh, Scotland (1992)

From Superdeformation to Clusters
International Conference on Nuclear Structure at High Angular Momentum
Ottawa, Canada (1992)

Heavy-Ion Fusion at Sub-Boundary Energies: Progress and Questions
International Workshop on Heavy-Ion Reactions with Neutron Rich Beams
RIKEN, Saitama, Japan (1993)

Panel Discussion
International Workshop on Heavy-Ion Reactions with Neutron Rich Beams
RIKEN, Saitama, Japan (1993)

Positron Production in Heavy Ion Collisions: Current Status of the Problem
V International Conference on Nucleus-Nucleus Collisions
Taromina, Italy (1994)

Positron Production in Heavy Ion Collisions: Current Status of the Problem
Australian Physical Society, Association of Pacific Physical Societies Meeting
Brisbane, Australia (1994)

Twenty Five Years of Clusters - From Bochum to Strasbourg (Opening Address)
Clusters in Nuclear Structure and Dynamics
Strasbourg, France (1994)

Low-Energy Nuclear Physics with High-Segmentation Silicon Arrays
XXIV Zakopane School of Physics
Zakopane, Poland (1994)

The Positron Peak Puzzle - Recent Results from APEX
XXIV Mazurian Lakes School of Physics
Piaski, Poland (1995)

Introductory Remarks and Conference Summary
Joint US-Japan Seminar on Clustering in Nuclear and Mesoscopic Systems
Honolulu, HI (1995)

Status of PHOBOS@RHIC
12th Winter Workshop on Nuclear Dynamics
Snowbird, UT (1996)
Pairs, Clusters and Symmetries
  International Conference on Nuclear Physics at Short Distances
  Angra dos Reis, Brazil (1996)

Introductory Remarks and Closing Discussion
  Meeting of Positron Experimentalists - OXPOS

Conference Summary Talk
  Fusion97
  South Durras, Australia (1997)

Challenges in Nuclear Molecular Physics
  Seminar on New Ideas in Clustering in Nuclear and Atomic Physics
  Rauischholzhausen, Germany (1997)

Lectures on Nuclear Reactions
  Ninth National Postgraduate School on Nuclear Physics
  Nottingham, England (1997)

Multiplicity Measurements with the PHOBOS Detector at RHIC
  Workshop on Event-by-Event Physics with Ultra-Relativistic Heavy Ions
  Trento, Italy (1998)

Forty Years of Nuclear Molecules
  Seventh International Conference of Clustering Aspects of Nuclear Structure and Dynamics
  Rab, Croatia (1999)

Recent Results from Experiment E917
  Seventh Conference on Intersections of Particle and Nuclear Physics
  Quebec City, Canada (2000)

The PHOBOS Experiment at RHIC
  CMS Heavy Ion Meeting
  St. Petersburg, Russia (2000)

Lectures on Clusters in Nuclei and Astrophysics
  NATO Advanced Study Institute
  “Nuclei far from Stability and Astrophysics”
  Predeal, Romania (2000)

Recent Results from the PHOBOS Experiment
  RHIC Users Meeting
  Brookhaven National Laboratory (2001)
The PHOBOS Experiment at RHIC and the First Results from the New Collider
Six Lectures at European Graduate College
"Complex Systems of Hadrons and Nuclei"
Niels Bohr Institute, Copenhagen, Denmark (2001)

Multiplicity Measurements with the PHOBOS Detector
18th Winter Workshop on Nuclear Dynamics
Nassau, Bahamas (2002)

Centrality and Multiplicity Determination at RHIC
6th CMS Heavy Ion Workshop
Cambridge, MA (2002)

Recounting the Past – Counting on the Future
Symposium in Honor of Professor Ole Hansen
Niels Bohr Institute, Copenhagen, Denmark (2002)

Heavy Ion Physics with the CMS Detector
LHC 2003 – IV International Symposium on LHC Physics and Detectors
Fermilab, IL (2003)

The PHOBOS Detector
VERTEX 2003

Heavy Ion Physics with the CMS Detector
Review of US Heavy Ion Physics Program

Recent Results from the PHOBOS Experiment
4th Winter School on Heavy Ion Physics

CMS Heavy Ions
US CMS Collaboration Meeting
FNAL, IL (2005)

Four Lectures on Studies of QCD Matter
13th IoP Nuclear Physics Summer School
Chester, UK (2005)

Heavy Ion Physics with the CMS Detector
Quark Matter 2006
Shanghai, China (2006)
The APEX Experiment at ATLAS
25th Anniversary of ATLAS Accelerator
Argonne National Laboratory (2010)

PUBLICATIONS

The following is the record of publications obtained from SPIRES. It is believed to be complete and accurate.

http://slac.stanford.edu/spires/find/hepnames/www?rawcmd=find+name+betts

Betts, R.R. (429 papers)
This is me. Verify my publication list.

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Papers

All papers (429)
Report (427)
Published (327)
Conference (71)
Review (4)
Book (1)

Frequent keywords

gold (155)
Brookhaven RHIC Coll (140)
scattering: heavy ion (127)
CMS (112)
PHOBOS (86)
CERN LHC Coll (75)
impact parameter: dependence (75)
## Citations:

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**Breakdown of papers by citations:**

- Renowned papers (500+)
  - **399**
  - **2**
- Famous papers (250-499)
  - **2**
- Very well-known papers (100-249)
  - **16**
- Well-known papers (50-99)
  - **28**
- Known papers (10-49)
  - **138**
- Less known papers (1-9)
  - **164**
- Unknown papers (0)
  - **49**

**Additional Citation Metrics**

- h-index: 49

1) **MEASUREMENT OF ENERGY EMISSION FROM O + A AND p + A COLLISIONS AT 14.5-GeV/c PER NUCLEON WITH A LEAD GLASS ARRAY.**
   By E-802 Collaboration (T. Abbott et al.).

2) **Study Of Neutron Transfer Reactions At Subcoulomb Energies Using A Recoil Separator.**
   By C.N. Pass, P.M. Evans, A.E. Smith, L. Stuttge, R.R. Betts, J.S. Lilley, D.W. Banes, K.A. Connell et al..

3) **Study of the Mg-24 (He-3, p) Al-26 Reaction.**
   By R.R. Betts, H.T. Fortune, D.J. Pullen.

4) **Comment on the Existence of Rotational Structure in Al-26.**
   By R.R. Betts, H.T. Fortune.

5) **Neutron Pickup from Ar-36.**
6) Neutron Pickup from Al-27.  
By R.R. Betts, H.T. Fortune, D.J. Pullen.  

7) Study of the Mg-26 (He-3, p) Al-28 reaction.  
By R.R. Betts, H.T. Fortune, D.J. Pullen.  

8) Weak states in F-19 (d, p) F-20.  
By H.T. Fortune, R.R. Betts.  

9) Is there a superband in Ne-20?.  

10) Structure of Ne-20: The F-19 (He-3, d) Ne-20 reaction.  

11) States at high excitation in Ne-20.  

12) High spin states in Na-23 and the Ec.m.=19.3 MeV C-12 + C-12 resonance.  

13) B-10 (B-10, alpha) O-16 reaction.  
By F. Ajzenberg-Selove, R.R. Betts, D.J. Crozier.  

14) Alpha-transfer reactions and the pairing-vibration model.  
By R.R. Betts.  

15) Possible selectivity in C-12 (B-10, d) Ne-20.  

16) Time-of-flight Detectors For Heavy Ions.  
By R.R Betts.
17) **Energy-averaged angular distributions for O-16+ C-12 --> alpha+ Mg-24.**

18) **alpha spectroscopic factors in Ca-40.**

19) **Rotational-energy contributions to the kinetic energies of deep-inelastic reaction products.**
By R.R. Betts, S.B. DiCenzo.

20) **Search for fusion oscillations in the O-16 + Si-28 system.**

21) **W (p, t) reactions. 1. Even targets.**
By M.H. Mortensen, R.R. Betts, C.K. Bockelman.

22) **W (p, t) reactions. 2. Odd target.**
By M.H. Mortensen, R.R. Betts, C.K. Bockelman.

23) **Resonant and average behavior of the C-12+ C-12 total reaction cross section: 5.6 <= E_c.m. <= 10.0 MeV.**

24) **Fusion of Si-28+ Si-28.**

25) **Fusion of Mg-24+ Mg-24.**
By C.M. Jachcinski, D.G. Kovar, R.R. Betts, C.N. Davids, Donald F. Geesaman, C. Olmer, M. Paul, Stephen J. Sanders et al..

26) **Intermediate Structure Resonances in Ni-56.**
27) **Fission following capture reactions of S-32 + Pb-208.**

28) **Effects of large angular momenta on the fission properties of Pt isotopes.**

29) **Statistical analysis of excitation functions for Si-28+ Si-28 elastic scattering and reactions.**
By S. Saini, R.R. Betts.

30) **Isotopic effects in the fusion of Ca-40 with Ca-40, Ca-44, Ca-48.**

31) **Angular distributions in heavy-ion-induced fission.**

32) **Fission-like yields in O-16+40, 44Ca reactions.**

33) **Measurement Of Energy And Charged Particle Emission In The Central Rapidity Region From O + A And P + A Collisions At 14.5-gev/c Per Nucleon And Preliminary Results From Si + A Collisions.**
By E-802 Collaboration (T. Abbott et al.).

34) **Preliminary Results From Brookhaven Experiment E-802 With 14.5-gev/n Si-28.**
By E-802 Collaboration (O. Hansen et al.).
IN "LISBON 1987, PROCEEDINGS, THE PHYSICS OF THE QUARK-GLUON PLASMA" 3-14..

35) **Search for shape isomers in Ni-56.**

36) **Resonance behavior in the Mg-24 + Si-28 system.**

37) Preliminary Spectrometer Results From E-802.
By E802 Collaboration (Y. Miake et al.).

38) Subbarrier Transfer Reactions Measured With A Recoil Mass Separator.
By R.R. Betts.

39) Spectroscopic Study Of Subbarrier Quasielastic Nuclear Reactions.
By C.N. Pass, P.M. Evans, A.E. Smith, L. Stuttge, R.R. Betts, J.S. Lilley, K.A. Connell, J.
Simpson et al..

40) PROTON PRODUCTION FROM Si + Au COLLISIONS AT 14.5/A-GeV.
By E-802 Collaboration (T. Abbott et al.).

41) Results from strange particle production from BNL experiment E802..
By E802 Collaboration (S.G. Steadman et al.).
In *Tucson 1988, Proceedings, Hadronic matter in collision 1988* 607-616. (see Conference
Index).

42) Projectile energy degradation at 14.5-GeV/u.
By E-802 Collaboration (E. Duek et al.).
In *Saint-Malo 1988, Proceedings, Nucleus nucleus collisions* 221-222.

43) Preliminary spectrometer results from the E802 experiment at BNL.
By E802 Collaboration (G.S.F. Stephans et al.).

44) Spectrometer results from BNL E802.
By E-802 Collaboration (R.J. Ledoux et al.).
In *Rockport 1988, Proceedings, Intersections between particle and nuclear physics* 1060-
1067.

45) Ru-48 single-nucleon transfer at the barrier.
Videbaek.

46) A Calorimeter For Relativistic Heavy Ion Experiments.
By D. Beavis, R.R. Betts, M.A. Bloomer, Y.Y. Chu, J.B. Cumming, E. Duek, P.E. Haustein, I.
Juricic et al..
47) **Results From The Bnl E802 Spectrometer For 14.5-gev/c Per Nucleon Silicon Beams.**
By E802 Collaboration (P. Vincent et al.).

48) **Particle Spectra Near Mid-rapidity Studied With Cherenkov Complex System In 14.5-a/gev Si + Au Collisions.**
By E802 Collaboration (H. Hamagaki et al.).

49) **BNL high-energy heavy ion experiments.**
By E-802 Collaboration (Yasuo Miake et al.).

50) **Anomalous positrons from heavy ion collisions: Past results and future plans.**
By R.R. Betts.

51) **A Single arm spectrometer detector system for high-energy heavy ion experiments.**
By T. Abbott, M. Abreu, Y. Akiba, D. Alburger, D. Beavis, R.R. Betts, L. Birstein, M.A. Bloomer et al..

52) **Kaon and pion production in central Si + Au collisions at 14.6-A/GeV/c.**
By E-802 Collaboration (T. Abbott et al.).

53) **Positron electron pairs in heavy ion reactions: Status of APEX Collaboration.**
By E. Kashy, I. Ahmad, S.M. Austin, R.R. Betts, F.P. Calaprice, F. Chan, P. Chowdhury, R. Dunford et al..
In *Key West 1991, Advances in nuclear dynamics* 320-326.

54) **Particle production in p A and A A collisions at AGS.**
By E802 Collaboration (T. Abbott et al.).

55) **Proton-induced fission of U-238 at extreme sub-barrier energies.**

56) **Evidence for alpha-particle chain configurations in Mg-24.**
57) Instrumentation of double sided silicon strip detectors for multiparticle detection.  
By A.H. Wuosmaa, P. Wilt, B.B. Back, R.R. Betts, M. Freer, B.G. Glagola, T. Happ, D.J. Henderson et al..  

58) A Large solid angle array for heavy ions from APEX.  
By D.J. Mercer, D. Mikolas, J. Yurkon, S.M. Austin, D. Bazin, S. Gaff, E. Kashy, D. Kataria et al..  

59) Electronics for the Si detectors in APEX.  
By P.R. Wilt, R.R. Betts, M. Freer, T. Happ, M.D. Rhein, D. Sowinski, A.H. Wuosmaa, M.R. Maier et al..  

60) The ATLAS positron experiment APEX.  
By I. Ahmad, S.M. Austin, B.B. Back, D. Bazin, R.R. Betts, F.P. Calaprice, K.C. Chan, A. Chisti et al..  
In *Snowbird 1994, Advances in nuclear dynamics* 47-54.

61) Selective population of states in fission fragments from the S-32 + Mg-24 reaction.  

62) Heavy-ion resonance and statistical fission competition in the Mg-24 + Mg-24 system at Ec.m.=44.4 MeV.  

63) Limits for the 3alpha branching ratio of the decay of the 7.65 MeV, 02+ state in C-12.  
By M. Freer, A.H. Wuosmaa, R.R. Betts, D.J. Henderson, P. Wilt, R.W. Zurmuhle, D.P. Balamuth, S. Barrow et al..  

64) Angular-distribution measurements for C-12 (C-12, C-12[02+]) C-12 (02+) inelastic scattering.  
By A.H. Wuosmaa, M. Freer, B.B. Back, R.R. Betts, J.C. Gehring, B.G. Glagola, Th. Happ, D.J. Henderson et al..  

65) Positron production in heavy ion collisions: Current status of the problem.
By R.R. Betts, I. Ahmad, S.M. Austin, B.B. Back, D. Bazin, F.P. Calaprice, K.C. Chan, A. Chishti et al..

66) **Search for narrow sum energy lines in electron positron pair emission from heavy ion collisions near the Coulomb barrier.**
By APEX Collaboration (I. Ahmad et al.).

67) **A new look at positron production from heavy ion collisions: Results from APEX.**
By I. Ahmad, S.M. Austin, B.B. Back, R.R. Betts, F.P. Calaprice, K.C. Chan, A. Chishti, P. Chowdhury et al..
In *Osaka 1995, Weak and electromagnetic interactions in nuclei* 629-634.

68) **PHOBOS experiment at RHIC.**
By PHOBOS Collaboration (M.D. Baker et al.).

69) **Recent advances in the study of nuclear clusters.**

70) **Excitation functions of the Ne-20 + Ne-20 system.**

71) **The positron peak puzzle: Recent results from APEX.**
By APEX Collaboration (I. Ahmad et al.).

72) **The PHOBOS experiment at the Relativistic Heavy Ion Collider.**
By PHOBOS Collaboration (A. Trzupek et al.).

73) **Fission decay of Cr-48 at ECN* ~ 60 MeV.**

74) **Resonance spin assignments in C-12 + C-12 (3-) inelastic scattering from angular correlation methods.**
75) The positron electron peak puzzle: Results from APEX.
By APEX Collaboration (I. Ahmad et al.).

76) Au + Au reactions at the AGS: Experiments E866 and E917.
By E866 and E917 Collaborations (C.A. Ogilvie et al.).
[nucl-ex/9802004].

77) PHOBOS experiment at the RHIC collider.
By PHOBOS Collaboration (B. Back et al.).

78) PHOBOS rising at Brookh(e)aven.
By R. Ganz, M.D. Baker, D. Barton, R.R. Betts, A. Bialas, C. Britton, A. Budzanowski, W. Busza et al..

79) Internal pair conversion in heavy nuclei.
By I. Ahmad, S.M. Austin, B.B. Back, R.R. Betts, F.P. Calaprice, K.C. Chan, A.A. Chishti, C. Conner et al..

80) Strangeness production in high density baryon matter.
By The E917 Collaboration (R. Ganz et al.).
[nucl-ex/9808007].

81) A beam vertex detector using scintillating fibers.

82) An excitation function at the AGS: E917 - probing the dynamics of heavy ion collisions.
By E917 Collaboration (R. Seto et al.).

83) The PHOBOS experiment at RHIC: Physics and capabilities.
By PHOBOS Collaboration (A.H. Wuosmaa et al.).

84) E917 at the AGS: High density baryon matter.
By E917 Collaboration (B.B. Back et al.).

85) Positron-electron angular correlations in internal pair conversion.
By A.H. Wuosmaa, C.M. Conner, I. Ahmad, B.B. Back, R.R. Betts, R.W. Dunford, S.M. Fischer, R. Ganz et al..

86) Results from the E917 experiment at the AGS: Chapter 1.
By E917 Collaboration (Birger B. Back et al.).
[nucl-ex/9904006].

87) Strangeness production in Au + Au collisions at the AGS: Recent results from E917.
By E917 Collaboration (Wen-Chen Chang et al.).
[nucl-ex/9904010].

88) HBT studies with E917 at the AGS: A Status report.
By E917 Collaboration (Burt Holzman et al.).
[nucl-ex/9904013].

89) Excitation function of K+ and pi+ production in Au + Au reactions at 2/A-GeV to 10/A-GeV.
By E866 and E917 Collaborations (L. Ahle et al.).
[nucl-ex/9910008].

90) Positron - electron pairs produced in heavy ion collisions.
By I. Ahmad, Sam.M. Austin, B.B. Back, R.R. Betts, F.P. Calaprice, K.C. Chan, A. Chishti, C.M. Conner et al..

91) The dependence of HBT source parameters on beam energy and reaction plane at AGS energies.
By E917 Collaboration (B.B. Back et al.).
In *Atlanta 1999, Heavy ion physics* 59-64.

92) Preliminary flow analysis in experiment E917 at the AGS.
By E917 Collaboration (B.B. Back et al.).
In *Atlanta 1999, Heavy ion physics* 93-97.

93) Directed flow in 10.8-GeV/nucleon Au + Au collisions measured in experiment E917 at the AGS.
By E917 Collaboration (B.B. Back et al.).
In *Atlanta 1999, Heavy ion physics* 98-102.

94) Anti-baryon production in Au + Au collisions at AGS.
By E917 Collaboration (B.B. Back et al.).
In *Atlanta 1999, Heavy ion physics* 205-209.
95) Production of Phi meson in Au + Au collisions at 11.7-A-GeV/c.
By E917 Collaboration (B.B. Back et al.).
In *Atlanta 1999, Heavy ion physics* 291-296.

96) Results from experiment E917 for Au + Au collisions at the AGS.
By E917 Collaboration (B.B. Back et al.).

97) Particle production at the AGS: An excitation function.
By E866 and E917 Collaborations (L. Ahle et al.).

98) Production of Phi mesons in Au - Au collisions at the AGS.
By E917 Collaboration (B.B. Back et al.).

99) The PHOBOS experiment at the RHIC collider.
By PHOBOS Collaboration (B. Back et al.).


101) Baryon rapidity loss in relativistic Au+Au collisions.
By E917 Collaboration (B.B. Back et al.).
[nucl-ex/0003007].

102) Au + Au collisions in experiment E917 at the Brookhaven AGS.
By E917 Collaboration (B.B. Back et al.).

103) Charged particle multiplicity near mid-rapidity in central Au + Au collisions at $S^{(1/2)}$ = 56-A/GeV and 130-A/GeV.
By PHOBOS Collaboration (B.B. Back et al.).
[hep-ex/0007036].

104) An Excitation function of K- and K+ production in Au + Au reactions at the AGS.
By E866 and E917 Collaborations (L. Ahle et al.).
[nucl-ex/0008010].
105) The PHOBOS silicon pad sensors.  
By B. Back, R. Betts, M. Friedl, R. Ganz, K.H. Gulbrandsen, Burt Holzman, W. Kucewicz, W.T. Lin et al..  

106) Results from the PHOBOS experiment on Au + Au collisions at RHIC.  
By PHOBOS Collaboration (Krzysztof Wozniak et al.).  
[hep-ex/0102012].

107) E917 results on strangeness production in Au + Au collisions at AGS.  
By E917 Collaboration (B.B. Back et al.).

108) First RHIC physics results from the PHOBOS experiment.  
By PHOBOS Collaboration (J.L. Tang et al.).

109) Anti-lambda production in Au+Au collisions at 11.7-AGeV/c.  
By E917 Collaboration (B.B. Back et al.).  
[nucl-ex/0101008].  

110) Systematic study of Au - Au collisions with AGS experiment E917.  
By E917 Collaboration (Burt Holzman et al.).  
[nucl-ex/0103015].  

111) Ratios of charged anti-particles to particles near mid-rapidity in Au + Au collisions at s(NN)**(1/2) = 130-GeV.  
By PHOBOS Collaboration (B.B. Back et al.).  
[hep-ex/0104032].  

112) First results from the PHOBOS experiment at RHIC.  
By PHOBOS Collaboration (Christof Roland et al.).  
[hep-ex/0105043].  

113) Strangeness production in Au + Au collisions at AGS energies.  
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267) **The CMS experiment at the CERN LHC.**
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389) Indications of suppression of excited $\Upsilon$ states in PbPb collisions at $\sqrt{s_{_{\text{NN}}}} = 2.76$ TeV.
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