

Publications of J.Stachel

1. D. K. Ha, U. Wild, R.O. Kühne, C. Lösch, T. Schaffhauser, J. Stachel and A. Wokaun, Theoretical study of complex formation between formaldehyde and Lithium, *Helv. Chim. Acta* 61(1978)1193
2. J. Stachel, N. Kaffrell, E. Stender, K. Sümmerner, N. Trautmann, K. Broden, G. Skarnemark, T. Bjoernstad and I. Haldorsen, The decay of ^{107}Tc to levels in ^{107}Ru , *Radiochim. Acta* 26(1979)127
3. J. Stachel, N. Kaffrell, N. Trautmann, H. Emling, H. Folger, E. Grosse, R. Kulesa, D. Schwalm, K. Broden, G. Skarnemark and D. Eriksen, Phase transition in nuclear shape in the $A \approx 100$ region? *Proc.4th Int.Conf. on nuclei far from stability* (CERN Report, Geneva, 1981) p.436
4. J. Stachel, K. Heyde and P. Van Isacker, Interpretation of the $A \approx 100$ transitional region in the framework of the Interacting Boson Model, *Phys. Rev. C* 25(1982)650
5. J. Stachel, N. Kaffrell, E. Grosse, H. Emling, H. Folger, R. Kulesa and D. Schwalm, Triaxiality and its dynamics in ^{104}Ru investigated by multiple Coulomb excitation, *Nucl. Phys. A* 383(1982)429
6. K. Heyde, P. Van Isacker, M. Waroquier, G. Wenes, Y. Gigase and J. Stachel G-boson excitations in the Interacting Boson Model, *Nucl. Phys. A* 398(1983)235
7. P. Braun-Munzinger, P. Paul, L. Ricken, J. Stachel, P.H. Zhang, G.R. Young, F.E. Obenshain and E. Grosse, Pion production in heavy ion collisions at $E_{lab}/A = 35$ MeV, *Phys. Rev. Lett.* 52(1984)255
8. J. Stachel, P. Hill, N. Kaffrell, H. Emling, H. Grein, E. Grosse, C. Michel, H.J. Wollersheim, D. Schwalm, S. Brüssermann and F.R. May, Collective and single particle degrees of freedom in ^{104}Ru , *Nucl. Phys. A* 419(1984)589
9. J. Stachel, N. Kaffrell, N. Trautmann, K. Broden, G. Skarnemark and D. Eriksen, The collective structure of $^{106,108}\text{Ru}$, *Z. Phys. A* 316(1984)105
10. J. Stachel, Collective structure around $A=100$, *Proceedings Workshop on electromagnetic properties of high spin nuclear levels*, *Annals of the Israel Phys. Soc.* 7 (1984)143
11. Y.K. Agarwal, C. Günter, K. Hardt, P. Schüler, J. Stachel, H.J. Wollersheim, H. Emling, E. Grosse, R. Kulesa and W. Spreng, Multiple Coulomb excitation of ^{202}Hg and ^{204}Hg , *Z. Phys. A* 320(1985)295

12. J. Stachel, P. Braun-Munzinger, P. Paul, P.H. Zhang, F.E. Obenshain, F. Plasil and G.R. Young, Pion production in heavy ion collisions near absolute thresholds, Proceedings of 1984 INS-RIKEN Int.Symp. on Heavy Ion Reactions, Suppl. J. Phys. Soc. Japan 54(1985)400
13. J. Stachel, Pion production in heavy ion collisions close to absolute thresholds, Proc.7th High Energy Heavy Ion Study, GSI Darmstadt 1984, report GSI-85-10(1985)155
14. J. Stachel, Pion production as a probe for coherence in medium energy heavy ion collisions, Proc. International Workshop on Gross Properties of Nuclei and Nuclear Excitations XIII, Hirschegg Jan. 1985, p.1
15. S. Brüssermann, K.P. Lieb, P. Sona, H. Emling, E. Grosse and J. Stachel, Multiple Coulomb excitation of the transitional nucleus ^{82}Kr , Phys. Rev. C32(1985)1521
16. J. Stachel, Pion production - a probe for coherence in medium energy heavy ion collisions, in Nuclear Structure 1985, eds. R.Brogia, G.Hagemann and B.Herskind (North Holland, Amsterdam, 1985) p.421
17. G.R. Young, F.E. Obenshain, F. Plasil, P. Braun-Munzinger, R. Freifelder, P. Paul and J. Stachel, Production of neutral pions in heavy ion collisions at $E_{lab}/A = 25$ MeV, Phys. Rev. C33(1986)742
18. M. Prakash, P. Braun-Munzinger and J. Stachel, Pion production in heavy ion collisions near absolute thresholds, Phys. Rev. C33(1986)937
19. J. Stachel, P. Braun-Munzinger, R.H. Freifelder, P. Paul, S. Sen, P. DeYoung, P.H. Zhang, T.C. Awes, F.E. Obenshain, F. Plasil, G.R. Young, R. Fox and R. Ronningen, Pion production - a probe for coherence in medium energy heavy ion collisions, Phys. Rev. C33(1986)1420
20. N. Alamanos, P. Braun-Munzinger, R.F. Freifelder, P. Paul, J. Stachel, T.C. Awes, R.L. Ferguson, F.E. Obenshain, F. Plasil and G.R. Young, Observation of high energy electromagnetic dipole radiation in $^{14}N + Ni$ reaction at $E_{lab}/A = 35$ MeV, Phys. Lett. B173(1986)392
21. J. Stachel, Statistical and coherent aspects of medium energy heavy ion collisions in Hadronic Matter in Collision, ed. P.Carruthers and D.Strottman (World Scientific, Singapore,1986)341
22. R. Freifelder, P. Braun-Munzinger, P. DeYoung, R. Schicker, S. Sen and J. Stachel, Symmetric splitting for the system $^{32}S + ^{238}U$ at energies near and below the barrier, Phys. Rev. C35(1987)2097

23. P. Braun-Munzinger and J. Stachel, Pion Production in Medium Energy Heavy Ion Reactions, *Annu. Rev. Nucl. Part. Sci.* 37(1987)97
24. J. Stachel, Pion and photon production - a probe for coherence in medium energy heavy ion collisions, *Proc. International Nuclear Physics Conference, Harrogate U.K.*, ed. J.L.Durell, J.M.Irvine and G.C.Morrison (Institute of Physics, Bristol,1987)555
25. D.R. Chakrabarty, S. Sen, N. Alamanos, P. Paul, R. Schicker, J. Stachel, M. Thönessen and J.J. Gaardhoje, Study of giant resonances on excited states in Sn isotopes, *Phys. Rev. C*36(1987)1886
26. S. Sen, D.R. Chakrabarty, P. Paul, J. Stachel and M. Thönessen, Pile-up rejection in pulsed beam experiments, *Nucl. Inst. and Methods A*264(1988)407
27. R. Schicker, N. Alamanos, P. Braun-Munzinger, J. Stachel and L. Waters, An electrostatic deflector system for identifying evaporation residues following fusion between heavy ions, *Nucl. Inst. and Methods A*269(1988)568
28. R. Schicker, N. Alamanos, P. Braun-Munzinger, J. Stachel and L. Waters, Evaporation residue studies for $^{58,64}\text{Ni}$ on ^{58}Ni near the Coulomb barrier, *Phys. Lett.* B206(1988)9
29. M. Prakash, P. Braun-Munzinger, J. Stachel and N. Alamanos, A detailed balance description of energetic photons in heavy ion collisions, *Phys. Rev. C*37(1988)1959
30. P. Braun-Munzinger for the E814 collaboration, Transverse energy distributions in Si + Nucleus collisions at 10 GeV/nucleon, *Z. Physik C*38(1988)45
31. J. Stachel and P. Braun-Munzinger, A note on the amount of stopping in high energy nucleus nucleus collisions *Proc. Texas A&M Symposium on hot nuclei*, ed. J.Natowitz, R.Schmitt and S.Shlomo (World Scientific, Singapore, 1988)p.458
32. J. Stachel, Thermalization and Stopping in relativistic heavy ion collisions, *AIP Conference Proceedings* 176, *Intersections between particle and nuclear physics*, ed. G.M.Bunce (AIP, New York, 1988) p.1079.
33. J. Stachel and P. Braun-Munzinger, Stopping in high energy nucleus-nucleus collisions: analysis in the Landau hydrodynamic model, *Phys. Lett.* B216(1989)1
34. J. Stachel and P. Braun-Munzinger, Phenomenology of energy deposition and hydrodynamic flow in ultrarelativistic nucleus nucleus collisions, *Nucl. Phys.* A498(1989)577c
35. P. Braun-Munzinger and J. Stachel, Remarks about the current experimental status, *Nucl. Phys.* A498(1989)33c

36. J. Barrette et al., the E814 collaboration, Energy flow and stopping in relativistic heavy ion collisions at $E_{lab}/A = 14.6$ GeV, Phys. Rev. Lett. 64(1990)1219
37. J. Barrette et al., the E814 collaboration, Search for strange quark matter in high energy heavy ion collisions, Phys. Lett. B252(1990)550.
38. J. Barrette et al., the E814 collaboration, Electromagnetic dissociation of ^{28}Si at $E_{lab}/A = 14.6$ GeV by nucleon emission, Phys. Rev. C41(1990)1512
39. J. Stachel, Formation and Break-up of Hadronic Fireballs, Proceedings workshop on Heavy Ion Physics at the AGS (HIPAGS), ed. O.Hansen, BNL, March 1990, BNL-44911.
40. J. Stachel, Systematics of Global Observables in Relativistic Heavy Ion Collisions, Proceedings Quarkmatter '90, Menton, May 1990, Nucl. Phys. A525(1991)23c.
41. J. Stachel, Relativistic Nucleus-Nucleus Collisions at the AGS - Survey of Experimental Results, Proceedings PANIC XII, MIT, June 1990, Nucl. Phys. A527 (1991) 167c.
42. G.E. Brown, J. Stachel and G. Welke, Pions from Resonance Decay in Brookhaven Relativistic Heavy Ion Collisions, Phys. Lett. B253(1991)19.
43. P.H. Zhang et al., TALE-SPARHC Collaboration, Letter of Intent for a RHIC Experiment to measure Photons and Dielectrons from the Quark-Gluon Plasma, submitted to BNL, July 1991.
44. F. Rotondo for the E814 collaboration, Nucl. Phys. B24 (Proc. Suppl) (1991)265.
45. J. Barrette et al., the E814 collaboration, Forward Baryons in Relativistic Nucleus-Nucleus Collisions, Phys. Rev. C45(1992)819.
46. C. Moisan et al., Neutral Pion Production in Reactions $^{16}\text{O} + ^{27}\text{Al}, ^{58}\text{Ni}, ^{208}\text{Pb}$ at $E_{lab} = 95$ MeV/nucleon, Nucl. Phys. A537(1992)667.
47. J. Stachel for the E814 collaboration, Global Variables and Forward Baryons in 14.6 GeV/nucleon Silicon-Nucleus Collisions, Proceedings of the 4th International Conference on Nucleus-Nucleus Collisions, Kanazawa, Japan, June 1991, ed. Toki et al., Nucl. Phys. A538(1992)169c and Proceedings of the International Symposium on High Energy Nuclear Collisions & Quark Gluon Plasma, Kyoto, Japan, June 1991, ed. M.Biyajima, H.Enyo, T. Kunihiro, O.Miyamura (World Scientific, Singapore, 1992) p.167.
48. J. Barrette et al., the E814 collaboration, Charged Particle Multiplicity in Relativistic Heavy Ion Collisions, Phys. Rev. C46(1992)312.

49. P. Braun-Munzinger for the E814 collaboration, Recent Results from Experiment 814 at Brookhaven, Proc. Quarkmatter '91, Gatlinburg, Nucl. Phys. A544(1992)137c.
50. M. S. Muthuswamy for the E814 collaboration, Momentum Distributions of Light Mass Fragments in Si-Nucleus Collisions at 14.6 GeV/nucleon, Quark Matter '91 Conference, Gatlinburg, Nov. 1991, Nucl. Phys. A544(1992)423c.
51. S.V. Greene for the E814 Collaboration, Antiproton Production in 28Si-Nucleus Interactions, Quark Matter '91 Conference, Gatlinburg, Nov. 1991, Nucl. Phys. A544(1992)599c.
52. J. Barrette et al., the E814 collaboration, Electromagnetic Dissociation of Relativistic ^{28}Si into $p + ^{27}\text{Al}$, Phys. Rev. C45(1992)2427.
53. T. K. Hemmick for the E814 Collaboration, Recent Results from Experiment 814, Proc. XXI Winter Workshop on Nuclear Dynamics, Jackson Hole, WY, Feb. 1992, W. Bauer, editor.
54. J. Stachel and G.R. Young, Relativistic Heavy Ion Physics at CERN and BNL, Annu. Rev. Nucl. Part. Sci. 42(1992)537.
55. J. Barrette et al., the E814 collaboration, Antiproton Production in Relativistic Si-Nucleus Collisions, Phys. Rev. Lett. 70(1993)1763
56. J. Barrette et al., the E814 collaboration, Baryon Distributions in Ultrarelativistic Nucleus-Nucleus Collisions, Z. Physik C59(1993)211.
57. J. Barrette et al., the E814/E877 collaboration, Transverse Energy Production in Reactions with 11.4 A GeV/c Au and 14.6 A GeV/c Si, Phys. Rev. Lett. 70(1993)2996.
58. J. Stachel, Summary, Proceedings of the 2nd Workshop on Heavy Ion Physics at the AGS, Cambridge, January 1993, eds. G. Stephans and S. Steadman (MITLNS-2158).
59. T. K. Hemmick for the E814 Collaboration, Hadron Production and Correlations from Experiment 814, Proc. XXII Winter Workshop on Nuclear Dynamics, Key West, Feb. 1993, ed. W. Bauer (Wiley, New York, 1993).
60. J. Barrette et al., the E814 collaboration, Two charged particle and transverse energy correlations in Si + Pb collisions at 14.6 A GeV/c, Phys. Rev. C49(1994)1669.
61. J. Stachel for the E814 Collaboration, Particle spectra and Correlations from Experiment 814, Nucl. Phys. A566(1994)183c.

62. J. Barrette for the E814 Collaboration, Transverse Energy Production with Si and Au Beams at AGS Energy: Towards Hot and Dense Hadronic Matter, Nucl. Phys. A566(1994)411c.
63. T. K. Hemmick for the E814 Collaboration, Low p_t Pion Enhancement in $^{28}\text{Si} + \text{Pb}$ Collisions at 14.6 A GeV/c, Nucl. Phys. A566(1994)435c.
64. M. Rosati for the E814 Collaboration, Particle Production in $p + A$ Collisions at 14.6 GeV/c, Nucl. Phys. A566(1994)597c.
65. N. Xu for the E814 Collaboration, Pion Interferometry in $^{28}\text{Si} + \text{Pb}$ Central Collisions, Nucl. Phys. A566(1994)585c.
66. P. Braun-Munzinger for the E814/E877 Collaboration, Compression, Expansion and Freeze-out in Nucleus-Nucleus Collisions at the AGS, in “Hot and Dense Nuclear Matter”, W. Greiner, H. Stöcker, and A. Gallmann, eds. (Plenum, New York,1994) p. 419.
67. J. Barrette et al., the E814 Collaboration, Production of Light Nuclei in High Energy Heavy Ion Collisions, Phys. Rev. C50(1994)1077.
68. J. P. Wessels and Y. C. Zhang, the E877 collaboration, Is there Flow at the AGS?, Proc. 10th Winter Workshop on Nuclear Dynamics, Snowbird, Utah, Jan. 1994, W. Bauer, editor.
69. N. Xu, the E814 collaboration, Two-Pion Interferometry-Towards Equilibrium at the AGS, Proc. 10th Winter Workshop on Nuclear Dynamics, Snowbird, Utah, Jan. 1994, W. Bauer, editor.
70. G. David, A. Hershcovitch, S. Stoll, C. Woody, P. Braun-Munzinger, R. Hutter, J. Stachel, C.M. Zou, N. Horwitz, Z. Sobolowski, Prototype Tests of a High Resolution Electromagnetic Calorimeter Using Undoped Cesium Iodide Crystals, Nucl. Inst. Meth. A348(1994)87.
71. J. Barrette et al., the E814 Collaboration, Evidence of Expansion of a Hot Fireball from Two-Pion Correlations for Si - Pb Collisions at AGS Energy, Phys. Lett. B333(1994)33.
72. J. Barrette et al., the E814 Collaboration, Observation of Anisotropic Event Shapes and Transverse Flow in Au + Au Collisions at AGS Energy, Phys. Rev. Lett. 73(1994)2532.
73. J. Barrette et al., the E814 Collaboration Centrality Dependence of Baryon Distributions in Ultrarelativistic Nuclear Collisions, Phys. Rev. C50(1994)3047.
74. P. Braun-Munzinger, J. Stachel, J.P. Wessels, and N. Xu, Thermal Equilibration and Expansion in Nucleus-Nucleus Collisions at the AGS, Phys. Lett. B344(1995)43.

75. P. Braun-Munzinger and J. Stachel, Chemical Equilibrium and Particle Production in Nucleus-Nucleus Collisions at AGS Energy, in "Hot Hadronic Matter: Theory and Experiment", J. Letessier, H. Gutbrod, and J. Rafelski eds., (Plenum, New York, 1995)p.451.
76. J. Barrette et al., the E814 Collaboration, Electromagnetic Dissociation of relativistic ^{28}Si , Phys. Rev. C51(1995)865.
77. P. Braun-Munzinger and J. Stachel, Production of Strange Clusters and Strange Matter in Nucleus-Nucleus Collisions at the AGS, J. Phys. G, Nucl. Part. Phys. 21(1995)L17.
78. J. Barrette et al., the E814 collaboration, Measurement of Pion Enhancement at Low Transverse Momentum and of the Δ Resonance Abundance in Si-Nucleus Collisions at the AGS, Phys. Lett. B351(1995)93.
79. J. Barrette et al., the E877 collaboration, Charged Particle Pseudorapidity Distributions in Au+Al, Cu, Au, and U Collisions at 10.8 A GeV/c, Phys. Rev. C51(1995)3309.
80. J. Barrette *et al.*, the E877 collaboration, Directed Flow and Particle Production in Au+Au Collisions from Experiment E877 at the AGS, Nucl. Phys. A590(1995)259c.
81. Y.C. Zhang and J.P. Wessels, the E877 collaboration, Energy Flow and Particle Spectra with respect to the Reaction Plane for Au+Au Collisions at AGS Energies, Nucl. Phys. A590(1995)557c.
82. D. Miskowiec, the E877 collaboration, Pion-Pion Correlations in Au+Au Collisions at AGS Energy, Nucl. Phys. A590(1995)473c.
83. Sergei Voloshin, the E877 collaboration, $dN_{ch}/d\eta$ Distributions in Au+Al, Cu, Au, and U Collisions at 10.8 A GeV/c and E_t per Charge Particle, Nucl. Phys. A590(1995)605c.
84. J. Barrette et al., the E814 collaboration, Production of Neutron-Rich Isotopes from the Fragmentation of ^{28}Si Projectiles at $p_{lab} = 14.6$ GeV/c per Nucleon, Phys. Rev. C52(1995)956.
85. J. Barrette et al., the E814 collaboration, Search for Pion-Neutron Bound States in 14.6 A GeV/c Si + Nucleus Collisions, Phys. Rev. C52(1995)2679.
86. J. Barrette et al., the E814 collaboration, Transverse Energy and Charged Particle Multiplicity in p-Nucleus Collisions at 14.6 GeV/c, Phys. Rev. C52(1995)2028.
87. P. Braun-Munzinger, J. Stachel, J. P. Wessels and N. Xu, Thermal and hadrochemical equilibration in nucleus-nucleus collisions at the SPS, Phys. Lett. B365(1996)1; nucl-th/9606017

88. P. Braun-Munzinger and J. Stachel, Probing the phase boundary between hadronic matter and the quark-gluon plasma in relativistic heavy ion collisions, Nucl. Phys. **A606**(1996)320.
89. J. Stachel, Tests of Thermalization, Nucl. Phys. **A610**(1996)509c.
90. R. Lacasse for the E877 collaboration, Hadron Yields and Spectra in Au+Au Collisions at the AGS, Nucl. Phys. **A610** (1996)153c.
91. D. Miskowiec for the E877 collaboration, Two-Particle Correlations in Au+Au Collisions at AGS Energy, Nucl. Phys. **A610** (1996)227c.
92. T.K. Hemmick for the E877 collaboration, Flow Studies at 10.8 GeV/nucleon, Nucl. Phys. **A610** (1996)63c.
93. P. Braun-Munzinger and J. Stachel, On Hadronic Particle Ratios and Flow in Ultra-Relativistic Nucleus-Nucleus Collisions, Proc. "Structure of Vacuum and Elementary Matter", eds. H. Stöcker, A. Gallmann, J.H. Hamilton, (World Scientific, 1997), p. 434.
94. J. Barrette et al., the E877 Collaboration, Energy and Charged Particle Flow in 10.8 A GeV/c Au+Au Collisions, Phys. Rev. **C55**(1997)1420 and **56**(1997)2336.
95. A. Pfeiffer for the CERES collaboration, First Results from CERES/NA45 on Low-mass Electron Pair Production In Pb+Au Collisions at the CERN SPS; Proc. 28th Int. Conf. on High Energy Phys. ICHEP-96, Warsaw, Poland, 1996, ed. Z. Ajduk and A. K. Wroblewski, (World Scientific, 1997) p.983.
96. J. Barrette et al., the E877 collaboration, Two-Pion Correlations in Au+Au Collisions at 10.8 GeV/c per nucleon, Phys. Rev. Lett. **78**(1997)2916.
97. J. Barrette et al., the E814 collaboration, Backward Yields of Pions, Protons and Deuterons in Relativistic Si + Pb Collisions at 14.6 A GeV/c, Nucl. Phys. **A622**(1997)391.
98. J. Barrette et al., the E877 Collaboration, Proton and Pion Production Relative to the Reaction Plane in Au+Au Collisions at 11 A GeV/c, Phys. Rev. **C56**(1997)3254.
99. G. Agakichiev et al., the CERES Collaboration, Low mass e+e- pair production in 158 A GeV Pb-Au collisions at the CERN SPS, its dependence on multiplicity and transverse momentum, Phys. Lett. **B422**(1998)405.
100. P. Braun-Munzinger and J. Stachel, Dynamics of ultra-relativistic nuclear collisions with heavy beams: an experimental overview, Nucl. Phys. **A638** (1998)3c.

101. S. A. Voloshin for the E877 collaboration, Anisotropic flow of identified particles in Au+Au collisions at AGS energy, Nucl. Phys. **A638** (1998)455c.
102. J.P. Wessels for the E877 collaboration, Particle Production and Hydrodynamic Flow: Recent Results from E877 for Au+Au Collisions at AGS Energy, Nucl. Phys. **A638** (1998)69c.
103. I. Ravinovich for the CERES collaboration, CERES results on low-mass electron pair production in Pb-Au collisions, Nucl. Phys. **A638** (1998)159c.
104. F. Ceretto for the CERES collaboration, Hadron Physics with Ceres: Spectra and Collective Flow, Nucl. Phys. **A638** (1998)467c.
105. K. Filimonov for the E877 Collaboration, Anisotropic azimuthal distributions of identified particles in Au+Au collisions at 11.5 A GeV/c, UIC workshop proceedings (1998) in print.
106. H. Appelshäuser for the CERES collaboration: Physics with the upgraded CERES detector; Proceedings Meson 98, Cracow, Poland) Acta Phys. Polonica **B29** (1998) 3153.
107. J. Barrette et al., the E877 Collaboration, directed flow of light nuclei in Au+Au collisions at 10.8 GeV/nucleon, Phys. Rev. **C59**(1999) 884.
108. J. Stachel, Flow phenomena as possible signals of the QCD phase transition, Proc. Interdisciplinary Workshop on Nuclear Matter in Different Phases and Transitions, Les Houches, France, March 1998 eds. J.-P. Blaizot, X. Campi and M. Ploszajczak (Kluwer Academic Publ., Dordrecht, 1999) 305.
109. J. Stachel, Towards the Quark-Gluon-Plasma, Proceedings International Nuclear Physics Conference, August 1998, Paris, Nucl. Phys. **A654** (1999) 119c.
110. B. Lenkeit for the CERES collaboration, New results on low-mass lepton pair production in Pb-Au collisions at 158 GeV/c per nucleon, Proceedings International Nuclear Physics Conference, Paris August 1998, Nucl. Phys. **A654** (1999) 647c.
111. J. Barrette et al., E877 Collaboration, Two-proton correlations from 14.6 A GeV/c Si+Pb and 11.5 A GeV/c Au+Au central collisions, Phys. Rev. **C60** (1999) 054905
112. P. Braun-Munzinger, I. Heppe, J. Stachel, Chemical equilibrium in Pb+Pb collisions at the SPS, preprint nucl-th/9903010, Phys. Lett. **B465** (1999) 15.
113. S. Bass et al., Last Call for RHIC predictions, Proc. Quarkmatter '99, Torino, May 1999, Nucl. Phys. **A661** (1999) 205c.

114. K. Filimonov for the E877 Collaboration, Recent Results from E877 for Au+Au collisions at AGS energy, Proc. Quarkmatter '99, Torino, May 1999, Nucl. Phys. **A661** (1999) 198c.
115. J. Barrette for the E877 Collaboration, Azimuthal Distributions of identified particles in Au+Au collisions at 11.5 A GeV/c, Proc. Quarkmatter '99, Torino, May 1999, Nucl. Phys. **A661** (1999) 329c.
116. Ana Marín for the CERES collaboration, First results from the CERES radial TPC, Proc. Quarkmatter '99, Torino, May 1999, Nucl. Phys. **A661** (1999) 673c.
117. B. Lenkeit for the CERES collaboration, Recent results from Pb-Au collisions at 158 GeV/c per nucleon obtained with the CERES spectrometer, Proc. Quarkmatter '99, Torino, May 1999, Nucl. Phys. **A661** (1999) 23c.
118. J. Barrette et al., E877 Collaboration, Light fragment yields from Au+Au collisions at 11.5 A GeV/c, Phys. Rev. **C61** (2000) 0449061.
119. J. Barrette et al., the E877 collaboration, Proton and Pion Production in Au+Au Collisions at 10.8 A GeV/c, Phys. Rev. **C62** (2000) 249011.
120. J. Stachel, Summary of results of the ultrarelativistic heavy ion fixed target program, Proceedings XXIX International Symposium on Multiparticle Dynamics (ISMD99) August 1999, Brown University, Providence, RI, USA, (World Scientific, Singapore, 2000) 490.
121. J. Barrette et al., the E877 collaboration, Directed flow of antiprotons in Au+Au collisions at AGS, Phys. Lett. **B485** (2000) 319.
122. P. Braun-Munzinger and J. Stachel, (Non)Thermal Aspects of Charmonium Production and a New Look at J/ψ Suppression, Phys.Lett. **B490** (2000) 196.
123. J. Barrette et al., the E877 collaboration, Λ Production and Flow in Au+Au Collisions at 11.5 A GeV/c, Phys.Rev. **C63** (2001) 149021.
124. A. Andronic et al., Prototype tests for the ALICE TRD, IEEE Transactions On Nuclear Science **48** (2001) 1259 (nucl-ex/0102017).
125. P. Braun-Munzinger and J. Stachel, On Charm Production near the Phase Boundary, Nucl.Phys. **A690** (2001) 119c.
126. H. Appelshäuser for the CERES collaboration, Recent results from the CERES experiment, QM2001 Proceedings, Nucl. Phys. **A698** (2002) 253c.
127. A. Andronic et al., ALICE collaboration, ALICE TRD: Results from Prototype tests, QM2001 Proceedings, Nucl. Phys. **A698** (2002) 460c.

128. P. Braun-Munzinger, D. Magestro, K. Redlich, and J. Stachel, Hadron Production in Au-Au Collisions at RHIC, Phys. Lett. **B518** (2001) 41.
129. D. Miskowiec for the CERES Collaboration, New Results from CERES, Proc. Int. Workshop 'the Physics of the Quark-Gluon Plasma', Palaiseau Sept. 2001, p. 203.
130. S. Damjanovic and K. Filimonov for the CERES Collaboration, Low-Mass Lepton Pair Production in Pb-Au Collisions at 40 AGeV, International Europhysics Conference on HEP, 'Budapest 2001, High energy physics' hep2001/250, nucl-ex/0111009.
131. K. Filimonov for the CERES Collaboration, New results on Pb-Au collisions at 40 AGeV from CERES/NA45 Experiment, Proc. Int. Nucl. Phys. Conf. (INPC01), 'Berkeley 2001, Nuclear physics in the 21st century', p.556, nucl-ex/0109017.
132. P. Braun-Munzinger and J. Stachel, Particle Ratios, Equilibration and the QCD Phase Boundary, J. Phys. **G28** (2002) 1971.
133. W. Schmitz for the CERES Collaboration, Lambda Production in 40 A GeV/c Pb-Au Collisions, J. Phys. **G28** (2002) 1861.
134. D. Miskowiec for the CERES Collaboration, Recent Results from CERES, Proc. Int. workshop XXX on Gross Properties of Nuclei and Nuclear Excitation, Hirschegg, Jan. 2002, eds. M. Buballa, W. Nörenberg, B.J. Schäfer, J. Wambach, p. 238.
135. A. Marin for the CERES collaboration, New CERES results, Proc. XXXVIIIth Rencontres de Moriond, QCD and High Energy Hadronic Interactions, Les Arcs, France, March 2002, hep-ex/0205105.
136. J.P. Wessels for the ALICE TRD Collaboration, the ALICE Transition Radiation Detector, Proceedings Int. Conf. TRD's for the 3rd Millenium, Bari Sept. 2001, Frascati Physics Series, Vol XXV. (INFN, 2002) 121.
137. B. Vulpescu for the ALICE TRD Collaboration, Physics with the ALICE TRD, Proceedings Int. Conf. TRD's for the 3rd Millenium, Bari Sept. 2001, Frascati Physics Series, Vol XXV. (INFN, 2002) 131.
138. A. Andronic for the ALICE TRD Collaboration, ALICE TRD: Results from Prototype Tests, Proceedings Int. Conf. TRD's for the 3rd Millenium, Bari Sept. 2001, Frascati Physics Series, Vol XXV. (INFN, 2002) 141.
139. A. Andronic et al., the ALICE Collaboration, the ALICE Transition Radiation Detector: Results from Prototype Tests, Proc. 7th International Conference on Advanced Technology and Particle Physics, Como Oct. 2001, (World Scientific, Singapore, 2002).

140. D. Adamova et al., CERES Collaboration, Beam Energy and Centrality Dependence of Two-Pion Bose-Einstein Correlations at SPS Energies, Nucl. Phys. **A714** (2003) 124.
141. S. Damjanovic for the CERES Collaboration, Low-mass dilepton pair production in Pb-Au Collisions at 40 A GeV, Pramana J. of Phys. **60** (2003) 1067.
142. D. Adamova et al., CERES Collaboration, Universal Pion Freeze-out in Heavy Ion Collisions, Phys. Rev. Lett. **90** (2003) 022301.
143. D. Adamova et al., CERES Collaboration, Enhanced production of low mass electron pairs in 40 A GeV Pb-Au, Phys. Rev. Lett. **91** (2003) 042301, nucl-ex/0209024
144. A. Andronic et al., the ALICE TRD Collaboration, Pulse height measurements and electron attachment in drift chambers operated with Xe,CO₂ mixtures, Nucl. Instr. Meth. Phys. Res. **A498** (2003) 143.
145. A. Andronic, P. Braun-Munzinger, K. Redlich, J. Stachel, Statistical hadronization of charm at SPS, RHIC and LHC, Proc. Quark Matter 2002, Nucl. Phys. **A715** (2003) 529c, nucl-th/0209035.
146. H. Tilsner, H. Appelshäuser for the CERES Collaboration, Two-Pion Bose-Einstein Correlations at SPS Energies, Proc. Quark Matter 2002, Nucl. Phys. **A715** (2003) 607c.
147. J. Slivova for the CERES Collaboration, Flow and non-flow event anisotropies at the SPS, Proc. Quark Matter 2002, Nucl. Phys. **A715** (2003) 615c, nucl-ex/0212013.
148. J.P. Wessels for the CERES Collaboration, Latest Results from CERES/NA45, Proc. Quark Matter 2002, Nucl. Phys. **A715** (2003) 262c.
149. L. Musa for the ALICE Collaboration, The Time Projection Chamber for the ALICE Experiment, Proc. Quark Matter 2002, Nucl. Phys. **A715** (2003) 843.
150. T. Mahmoud for the ALICE TRD Collaboration, The ALICE transition radiation detector, Nucl. Instr. Meth. Phys. Res. **A502** (2003) 127.
151. H. Sako for the CERES collaboration, hadron correlations and fluctuations in 40, 80, and 158 A GeV/c Pb-Au collisions, Proc. XXXVIIIth Rencontres de Moriond, QCD and High Energy Hadronic Interactions, Les Arcs, France, March 2003, nucl-ex/0305011.
152. P. Braun-Munzinger, K. Redlich, J. Stachel, Particle Production in Heavy Ion Collisions, Invited review for Quark Gluon Plasma 3, eds. R. C. Hwa and Xin-Nian Wang (World Scientific Publishing) 491, nucl-th/0304013.

153. A.Andronic, P.Braun-Munzinger, K.Redlich, J.Stachel, Statistical hadronization of charm in heavy-ion collisions at SPS, RHIC and LHC, Phys. Lett. **B571** (2003) 36, nucl-th/0303036.
154. J.P. Wessels for the ALICE TRD Collaboration, The ALICE Transition Radiation Detector, Proc. 8th International Conference on Advanced Technology and Particle Physics (ICATPP 2003), Como, Italy, Oct 2003. Published in *Como 2003, Astroparticle, particles and space physics, detectors and medical physics applications* p517.
155. D. Adamova et al., CERES collaboration, Event-by-event fluctuations of the mean transverse momentum in 40, 80, 158 A GeV/c Pb - Au collisions, Nucl. Phys. **A727** (2003) 97, nucl-ex/0305002.
156. J. Baechler et al., the ALICE TPC Collaboration, The ALICE Time Projection Chamber: a Technological Challenge in the LHC heavy ion physics, Nucl. Instr. Meth. **A518** (2004) 94.
157. A. Andronic for the ALICE collaboration, Energy loss of pions and electrons of 1 to 6 GeV/c in drift chambers operated with Xe,CO₂ (15%), Nucl. Instr. Meth. **A519** (2004) 508-517, physics/0310122.
158. H. Appelshäuser for the CERES Collaboration, Event-by-event fluctuations of the mean transverse momentum at SPS energies, Prog. Part. Nucl. Phys. **53** (2004) 253.
159. G. Agakichiev et al., CERES collaboration, Semi-hard scattering unraveled from collective dynamics by two-pion correlations in 158 A GeV/c Pb + Au collisions, Phys. Rev. Lett. **92** (2004) 032301, nucl-ex/0303014.
160. J.P. Wurm and J. Bielcikova for the CERES Collaboration, Elliptic flow and semi-hard scattering at SPS, Proc. XXXIX Recontres de Moriond, QCD and High Energy Hadronic Interactions, La Thuile, Italy, 2004.
161. A. Andronic for the ALICE TRD collaboration, Electron identification performance with ALICE TRD prototypes, Nucl. Instr. Meth. **A522** (2004) 40, physics/0402131.
162. O. Busch for the ALICE TRD collaboration, Transition Radiation Spectroscopy with Prototypes of the ALICE TRD, Nucl. Instr. Meth. **A522** (2004) 45, physics/0404106.
163. P. Braun-Munzinger, J. Stachel, C. Wetterich, Chemical Freeze-out and the QCD Phase Transition Temperature, Phys. Lett. **B596** (2004) 61, nucl-th/0311005.

164. O. Busch for the ALICE TRD collaboration, Results from prototype tests for the ALICE TRD, Nucl. Instr. Meth. **A525** (2004) 153.
165. A. Andronic et al., ALICE TRD collaboration, Space charge in drift chambers operated with the Xe,CO₂ (15%) gas mixture, Nucl. Instr. Meth. **A525** (2004) 447-457; physics/0402043.
166. A. Cherlin and S. Iourevich for the CERES Collaboration, Preliminary results from the 2000 run of CERES on low-mass e+e- pair production in Pb-Au collisions at 158 A GeV, Proc. Quark Matter 04, J. Phys. **G30** (2004) S1007.
167. H. Sako and H. Appelshäuser for the CERES Collaboration Event-by-event fluctuations in 40, 80, and 158 A GeV/c Pb+Au collisions, Proc. Quark Matter 04, J. Phys. **G30** (2004) S1371, nucl-ex/0403037.
168. A. Marin for the CERES Collaboration, New results from CERES, Proc. Quark Matter 04, J. Phys. **G30** (2004) S709, nucl-ex/0406007.
169. P. Glässel for the ALICE TPC Collaboration, The ALICE TPC - an innovative device for heavy-ion collisions at the LHC Quark Matter 04, J. Phys. **G30** (2004) S1083.
170. C. Lippmann for the ALICE TRD collaboration, Position resolution and electron identification with prototypes of the ALICE TRD, Nucl. Instr. Meth. **A535** (2004) 457.
171. C. Garabatos for the ALICE collaboration, The ALICE TPC, Nucl. Instr. Meth. **A535** (2004) 197, 2004.
172. F. Carminati et al., ALICE Collaboration, ALICE: Physics Performance Report, Vol.1, J. Phys. **G30** (2004) 1515.
173. J. Mercado for the ALICE TRD Collaboration, The ALICE transition radiation detector readout electronics, Proc. SUSSP58, St. Andrews Scotland 2004, (Taylor & Francis, Boca Raton, 2006) 247.
174. H. Appelshäuser and H. Sako for the CERES Collaboration, Event-by-event fluctuations at the SPS, Proc. Int. Nucl. Phys. Conf., Göteborg, Sweden, 2004, Nucl. Phys. **A752** (2005) 394c, nucl-ex/0409022.
175. J. Bielcikowa for the CERES Collaboration, semihard scattering unraveled from collective dynamics at $\sqrt{s} = 17$ GeV, J. Phys. **G31** (2005) S465, nucl-ex/0412047.
176. A. Marin for the CERES Collaboration, New Results from CERES, J. Phys. **G31** (2005) S1175.

177. S. Yurevich for the CERES Collaboration, Latest results on e^+e^- pair production in CERES, Nucl. Phys. **A749** (2005) 160c.
178. C. Adler et al., ALICE TRD collaboration, Position reconstruction in drift chambers operated with Xe/CO₂ (15%), Nucl. Instr. Meth. **A540** (2005) 140, physics/0511233 .
179. G. Agakichiev et al., CERES Collaboration, e^+e^- pair production in Pb - Au collisions at 158 GeV per nucleon, Eur. Phys. J. **C41** (2005) 475.
180. J. Bielcikova et al., CERES Collaboration, Semihard scattering unraveled from collective flow at the SPS, Eur. Phys. J. **C43** (2005) 323.
181. R. Schicker for the ALICE TRD Collaboration, ALICE: Physics with electrons, Conf. on Physics at LHC, Vienna, Austria, July 2004, Czech. J. Phys. **55** (2005) B375.
182. C. Adler for the ALICE TRD Collaboration, Electron Identification with the ALICE TRD, Proc. Hadron Collider Physics 2005, eds. M.Campanelli, A.Clark, X.Wu, (Springer) 201.
183. C. Adler et al., ALICE TRD collaboration, Electron/Pion Identification with ALICE TRD Prototypes using a Neural Network Algorithm, Nucl. Instr. Meth. **A522** (2005) 364, physics/0506202.
184. D. Miskowiec for the CERES Collaboration, Collection of CERES results, Proc. Quarkmatter 2005, Nucl. Phys. **A774** (2006) 43c, nucl-ex/0511010.
185. J. Milosevic for the CERES Collaboration, Strange and charged particle elliptic flow in Pb + Au Collisions at 158 A GeV/c, Proc. Quarkmatter 2005, Nucl. Phys. **A774** (2006) 503c, nucl-ex/0510057.
186. M. Ploskon for the CERES collaboration, Two-particle azimuthal correlations at high transverse momentum in Pb-Au at 158 A GeV/c, Acta Phys. Hung. **A27** (2006) 255, nucl-ex/0511043.
187. J. Stachel, Experimental Summary, Proc. ICPAQGP conference, Kolkata, India, Feb. 2005, J. Phys. **G50** (2006) 293; nucl-ex/0508025.
188. P. Shukla for the ALICE TRD collaboration, Dielectron physics with ALICE Transition Radiation Detector, Proc. ICPAQGP 2005, Kolkata, India, Feb 2005, J. Phys. **G50** (2006) 393.
189. C. Lippmann for the ALICE TRD collaboration, The ALICE Transition Radiation Detector, Proc. Int. Symposium on Detector Development for Particle, Astroparticle and Synchrotron Radiation Experiments (SNIC 2006), Menlo Park, California, 3-6 Apr 2006, p. 0043.

190. J. Stachel, Has the Quark-Gluon Plasma been seen? in 'Lepton and Photon Interactions at High Energies', eds. R. Brenner, C.P. de los Heros, J. Rathsmann (World Scientific, Singapore, 2006) p.171 and Int. J. Mod. Phys. **A21** (2006) 1750, nucl-ex/0510077.
191. A. Andronic et al. for the ALICE collaboration, Transition Radiation Spectra of Electrons from 1 to 10 GeV/c in Regular and Irregular Radiators, Nucl. Instr. Meth. Phys. Res. **A558** (2006) 516, physics/0511229.
192. A. Andronic, P. Braun-Munzinger, J. Stachel, Hadron production in central nucleus-nucleus collisions at chemical freeze-out, Nucl. Phys. **A 772** (2006) 167, nucl-th/0511071.
193. R. Bailhache and C. Lippmann for the ALICE TRD collaboration, New test beam results with prototypes of the ALICE TRD, Nucl. Instr. Methods **A563** (2006) 310.
194. V. Angelov for the ALICE TRD collaboration, Design and Performance of the ALICE TRD Front-End Electronics, Nucl. Instr. Methods **A563** (2006) 317.
195. A. Wilk for the ALICE TRD collaboration, Analysis of the Electron-Pion Separation Capability with Real Size ALICE TRD Prototypes using a Neural Network Algorithm, Nucl. Instr. Methods **A563** (2006) 314.
196. D. Adamova et al., CERES collaboration, Leptonic and charged kaon decay modes of the ϕ meson measured in heavy ion collisions at the CERN SPS, Phys. Rev. Lett. **96** (2006) 152301, nucl-ex/0512007.
197. K. Zapp, G. Ingelman, J. Rathsmann, J. Stachel, Jet Quenching from soft QCD Scattering in the Quark-Gluon Plasma, Phys. Lett. **B637** (2006) 179, hep-ph/0512300.
198. D. Antonczyk et al., the ALICE TPC Collaboration, Performance studies with an ALICE TPC prototype, Nucl. Instr. Meth. **A565** (2006) 551.
199. B. Alessandro et al., ALICE Collaboration, ALICE: Physics Performance Report, Vol.2, CERN/LHCC 2005-030, J. Phys. **G32** (2006) 1295-2040.
200. J. Milosevic for the CERES collaboration, Strange particle production and elliptic flow from CERES, Proc. Int. Conf. on Strangeness in Quark Matter (SQM2006), J.Phys. **G32**(2006) S97, nucl-ex/0606020.
201. P. Glässel for the ALICE TPC Collaboration, The ALICE TPC: An innovative device for heavy ion collisions at LHC, 10th Pisa Meeting on Advanced Detectors: Frontier Detectors for Frontier Physics, La Biodola, Elba, Italy, 21-27 May 2006, Nucl. Instr. Meth. **A572** (2007) 64.

202. M. Ploskon for the CERES collaboration, Two particle azimuthal correlations at high transverse momentum in Pb-Au at 158-AGeV/c, Proc. 2nd International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions (Hard Probes 2006), Asilomar, California, 9-16 Jun 2006. Nucl.Phys. **A783** (2007) 527, nucl-ex/0701023.
203. K. Oyama for the ALICE Collaboration, Physics with ALICE transition radiation detector, Prepared for Physics at LHC, Cracow, Poland, 3-8 Jul 2006, Acta Phys. Polon. **B38** (2007) 1017.
204. A. Andronic, P. Braun-Munziner, K. Redlich, J. Stachel, Statistical hadronization of heavy quarks in ultra-relativistic nucleus-nucleus collisions, Nucl. Phys. **A789** (2007) 334, nucl-th/0611023.
205. D. Adamova et al., CERES collaboration, Modification of the rho-meson detected by low-mass lepton-positron pairs in central Pb-Au collisions at 158 A GeV/c, Phys. Lett. **B666** (2008) 425; nucl-ex/0611022.
206. A. Andronic, P. Braun-Munzinger, K. Redlich, J. Stachel, Evidence for charmonium generation at the phase boundary in ultra-relativistic nuclear collisions, Phys. Lett. **B652** (2007) 259, nucl-th/0701079.
207. D. Antonczyk and D. Miskowiec for the CERES collaboration, Pion-pion and pion-proton correlations: New results from CERES, Proc. 2nd Workshop on Particle Correlation and Femtoscopy (WPCF 2006), Sao Paulo, Brazil, 9-11 Sep 2006, Braz. J. Phys. **37** (2007) 979, hep-ph/0702219.
208. K. Zapp, G. Ingelman, J. Rathsman, J. Stachel, Heavy quark energy loss through soft QCD scattering in the QGP, Proc. 19th Int. Conf. on Ultra-Relativistic Nucleus-Nucleus Collisions: Quark Matter 2006 (QM2006), Shanghai, China, Nov 2006, Int. J. Mod. Phys. E16 Nos. 7 & 8 (2007), hep-ph/0702201.
209. S. Kniege and M. Ploskon for the CERES Collaboration, Two and three-particle azimuthal correlations of high-p(t) charged hadrons in Pb - Au collisions at 158-AGeV/c, Proc. 19th International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions: Quark Matter 2006 (QM2006), Shanghai, China, Nov 2006, J. Phys. **G34** (2007) S697, nucl-ex/0703008.
210. L. Musa for the ALICE TPC collaboration, Commissioning of the ALICE TPC, Proc. 19th International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions: Quark Matter 2006 (QM2006), Shanghai, China, Nov 2006, J. Phys. **G34** (2007) S705.

211. P. Christiansen for the ALICE TPC collaboration, Particle identification studies with an ALICE test TPC, Proc. 19th International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions: Quark Matter 2006 (QM2006), Shanghai, China, Nov 2006, J. Phys. **G34** (2007), physics/0703097.
212. W. Sommer for the ALICE collaboration, Quarkonia measurements with the central detectors, Proc. 19th International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions: Quark Matter 2006 (QM2006), Shanghai, China, Nov 2006, J. Phys. **G34** (2007), nucl-ex/0702045.
213. P. Braun-Munzinger and J. Stachel, The quest for the quark-gluon plasma, Nature **448** (2007) 302.
214. A. Andronic, P. Braun-Munzinger, J. Stachel, Thermal model predictions of hadron ratios at LHC, Presented at Workshop on Heavy Ion Collisions at the LHC: Last Call for Predictions, Geneva, Switzerland, May - Jun 2007, arXiv:0707.4076 [nucl-th].
215. A. Andronic, P. Braun-Munzinger, K. Redlich, J. Stachel, Statistical hadronization model predictions for charmed hadrons at LHC, Presented at Workshop on Heavy Ion Collisions at the LHC: Last Call for Predictions, Geneva, Switzerland, May - Jun 2007, arXiv:0707.4075 [nucl-th].
216. A. Andronic, P. Braun-Munzinger, K. Redlich, J. Stachel, Statistical hadronization of charm quarks in ultra-relativistic nucleus-nucleus collisions, Proc. 4th Int. Workshop on Critical Point and Onset Deconfinement, Darmstadt, Germany, Jul 2007, PoS CPOD07 (2007) 044, arXiv:0710.1851 [nucl-th].
217. S. Radomski for the CERES collaboration, CERES measurement of strangeness production at top SPS energy, J. Phys. G **35** (2008) 044003.
218. D. Miskowiec et al., the CERES Collaboration, Proc. 4th Int. Workshop on Critical Point and Onset Deconfinement, Darmstadt, Germany, Jul 2007, Azimuthal HBT and transverse momentum fluctuation from CERES, PoS CPOD07 (2007) 065.
219. A. Marin et al., the CERES collaboration, Dilepton measurements with CERES, Proc. 4th Int. Workshop on Critical Point and Onset of Deconfinement, GSI, July 2007, PoS CPOD07 (2007) 034, arXiv:0802.2679 [nucl-ex].
220. P. Christiansen for the ALICE TPC collaboration, Particle identification at high transverse momenta with the ALICE TPC, PoS LHC07 (2007) 015.
221. A. Andronic, P. Braun-Munzinger, K. Redlich, J. Stachel, Charmonium and open charm production in nuclear collisions at SPS/FAIR energies and the possible

- influence of a hot hadronic medium, Phys. Lett. **B659** (2008) 149, arXiv:0708.1488 [nucl-th].
222. D. Adamova et al., CERES Collaboration, The CERES/NA45 Radial Drift Time Projection Chamber, Nucl. Inst. Methods **A593** (2008) 203, arXiv:0802.1443v1[nucl-ex].
223. S. Domdey, G. Ingelman, H.J. Pirner, J. Rathsman, J. Stachel, K. Zapp, QCD Evolution of Jets in the Quark-Gluon Plasma, Nucl. Phys. **A808** (2008) 178, arXiv:0802.3282 [hep-ph].
224. A. Andronic, F. Beutler, P. Braun-Munzinger, K. Redlich, J. Stachel, Thermal description of hadron production in e+e- collisions revisited, Phys. Lett. **B675** (2009) 312, arXiv:0804.4132 [hep-ph].
225. K. Zapp, G. Ingelman, J. Rathsman, J. Stachel, U. Wiedemann, A Monte Carlo Model for 'Jet Quenching', CERN-PH-TH-2008-067, Eur. Phys. J. **60** (2009) 617, arXiv:0804.3568 [hep-ph].
226. A. Andronic, P. Braun-Munzinger, K. Redlich, J. Stachel, Statistical hadronization of charm: From FAIR to the LHC, Proc. Quark Matter 2008 Conference, Jaipur, India, Feb 2008, J.Phys. **G35** (2008) 104155, arXiv:0805.4781 [nucl-th].
227. K. Zapp, G. Ingelman, J. Rathsman, J. Stachel, U. Wiedemann (CERN), Parton Energy Loss Without Transverse Momentum Broadening. Proc. Quark Matter 2008 Conference, Jaipur, India, Indian J. Phys. **85** (2011) 1033, arXiv:0805.4759 [hep-ph].
228. R. Bailhache et al., ALICE Collaboration, Z0 Boson Measurement with the ALICE Central Barrel in pp collisions at 14-TeV, Proc. Quark Matter 2008 Conference, Jaipur, India, Feb 2008, Indian J. Phys. in print, arXiv:0808.0453 [hep-ex].
229. K. Aamodt et al., ALICE Collaboration, the ALICE Experiment at the LHC, JINST 3: S08002 (2008).
230. D. Adamova et al., CERES collaboration, Scale-dependence of transverse momentum correlations in Pb-Au collisions at 158A GeV/c, Nucl. Phys. **A811** (2008) 179; arXiv:0803.2407v1 [nucl-ex].
231. D. Adamova et al., CERES Collaboration, Azimuthal dependence of pion source radii in Pb+Au collisions at 158-A-GeV, Phys. Rev. **C78** (2008) 064901, arXiv:0805.2484 [nucl-ex].
232. P. Cortese et al., ALICE Collaboration, ALICE electromagnetic calorimeter technical design report, CERN-LHCC-2008-014, CERN-ALICE-TDR-014, Sept. 2008.

233. A. Andronic, P. Braun-Munzinger, J. Stachel, Thermal hadron production in relativistic nuclear collisions: the sigma meson, the horn, and the QCD phase transition, *Phys. Lett.* **B673** (2009) 142, arXiv:0812.1186 [nucl-th].
234. K. Zapp, J. Stachel, U. Wiedemann, A local Monte Carlo implementation of the non-abelian Landau-Pomerantschuk-Migdal effect, CERN-PH-TH-2008-244, *Phys. Rev. Lett.* **103** (2009) 152302, arXiv:0812.3888 [hep-ph].
235. A. Andronic, P. Braun-Munzinger, J. Stachel, Thermal hadron production in relativistic nuclear collisions, Proc. of 4th Workshop on Particle Correlations and Femtoscopy (WPCF 2008), Crakow, Poland, 11-14 Sep 2008, *Acta Phys. Polon.* **B40** (2009) 1005, arXiv:0901.2909 [nucl-th].
236. P. Braun-Munzinger, J. Stachel, Charmonium from Statistical Hadronization of Heavy Quarks: A Probe for Deconfinement in the Quark-Gluon Plasma, Landoldt-Boernstein Review Relativistic Nuclear Collision Physics, ed. R. Stock, arXiv:0901.2500 [nucl-th].
237. K. Redlich, A. Andronic, F. Beutler, P. Braun-Munzinger, J. Stachel, Canonical Statistical Model and Hadron Production in e^+e^- Annihilations, *J. Phys.* **G36** (2009) 064021; arXiv:0903.1610 [hep-ph].
238. A. Andronic, F. Beutler, P. Braun-Munzinger, K. Redlich, J. Stachel, Statistical hadronization of heavy flavor quarks in elementary collisions: Successes and failures, *Phys. Lett.* **B 678** (2009) 350, arXiv:0904.1368 [hep-ph].
239. B. Doenigus for the ALICE TRD collaboration, Heavy flavour capabilities of the ALICE transition radiation detector, *Prog. Part. Nucl. Phys.* **62** (2009) 323.
240. D. Adamova et al., CERES collaboration, Modification of jet-like correlations in Pb-Au collisions at 158A GeV/c, *Phys. Lett.* **B678** (2009), 259, arXiv:0904.2973 [nucl-ex].
241. K. Zapp, J. Stachel, U.A. Wiedemann, JEWEL - a Monte Carlo Model for Jet Quenching, Proc. 4th International Workshop on High-pT physics at LHC 09, Prague, Czech Republic, 4-7 Feb 2009, arXiv:0904.4885 [hep-ph]
242. D. Adamova et al., CERES collaboration, Viscosity of the matter created in nucleus-nucleus collisions at the SPS measured via two-pion interferometry, *subm. Phys. Rev. Lett.*, arXiv:0907.2799v1 [nucl-ex]
243. K. Zapp, J. Stachel, U. Wiedemann, LPM-Effect in Monte Carlo Models of Radiative Energy Loss, Proc. Quark Matter 2009, *Nucl. Phys.* **A830** (2009) 171c; arXiv:0907.4304[hep-ph].

244. M.J. Kweon, for the ALICE TRD Collaboration, The Transition Radiation Detector for ALICE at LHC, Proc. Quarkmatter 2009, Nucl. Phys. **A830** (2009) 535c, arXiv:0907.3380 [nucl-ex].
245. J. Wiechula, for the ALICE TPC Collaboration, Commissioning and Calibration of the ALICE TPC, Proc. Quarkmatter 2009, Nucl. Phys. **A830** (2009) 531c, arXiv:0907.4257 [nucl-ex].
246. F. Beutler, A. Andronic, P. Braun-Munzinger, K. Redlich, J. Stachel, The Canonical partition function for relativistic hadron gases, Eur.Phys.J. **C67** (2010) 439; e-Print: arXiv:0910.1697 [hep-ph].
247. A. Andronic, P. Braun-Munzinger, J. Stachel, The Horn, the hadron mass spectrum and the QCD phase diagram: The Statistical model of hadron production in central nucleus-nucleus collisions, Proc. 10th International Conference on Nucleus-Nucleus Collisions (NN 2009), Beijing, China, Aug 2009, Nucl. Phys. **A834** (2010) 237c; arXiv:0911.4931.
248. A. Andronic, D. Blaschke, P. Braun-Munzinger, J. Cleymans, K. Fukushima, L.D. McLerran, H. Oeschler, R.D. Pisarski, K. Redlich, C. Sasaki, H. Satz, J. Stachel, Hadron Production in Ultra-relativistic Nuclear Collisions: Quarkyonic Matter and a Triple Point in the Phase Diagram of QCD, Nucl. Phys. **A837** (2010) 65, arXiv:0911.4806 [hep-ph].
249. K. Aamodt et al., the ALICE collaboration, 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, Eur. Phys. J. **C65** (2010) 65; arXiv:0911.5430 [hep-ex].
250. K. Aamodt et al., the ALICE collaboration, Alignment of the ALICE inner tracking system with cosmic ray tracks, JINST **5**:P03003 (2010); arXiv:1001.0502 [physics.ins-det].
251. J. Alme et al., The ALICE TPC, a large 3-dimensional tracking device with fast readout for ultra-high multiplicity events, Instr. Methods **A622** (2010) 316; arXiv:1001.1950.
252. K. Oyama for the ALICE TRD collaboration, the transition radiation detector for ALICE at the LHC, Nucl. Instrum. Meth. **A623** (2010) 362.
253. A. Andronic, P. Braun-Munzinger, K. Redlich, J. Stachel, Heavy quark(onium) at LHC: the statistical hadronization case, Proc. Int. Conf. on Strangeness in Quark Matter 2009 (SQM 2009), Buzios, Brazil, Sep. 2009, J.Phys. **G37** (2010) 094014; e-Print: arXiv:1002.4441 [nucl-th].

254. K. Aamodt et al., the ALICE collaboration, Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 0.9$ and 2.36 TeV with ALICE at LHC, *Eur. Phys. J.* **C68** (2010) 89; arXiv:1004.3034 [hep-ex].
255. K. Aamodt et al., the ALICE collaboration, Charged-particle multiplicity measurement in proton-proton collisions at $\sqrt{s} = 7$ TeV with ALICE at LHC, *Eur. Phys. J.* **C68** (2010) 345; arXiv:1004.3514 [hep-ex].
256. K. Aamodt et al., the ALICE collaboration, Midrapidity antiproton-to-proton ratio in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV measured by the ALICE experiment, *Phys. Rev. Lett.* **105** (2010) 072002; arXiv:1006.5432 [hep-ex].
257. J. Mercado for the ALICE Collaboration, Measurement of two-particle correlations in pp collisions at $\sqrt{s} = 900$ GeV with the ALICE detector, *Proc. WPCF 2010, Kiev, Physics of Particles and Nuclei Letters (Pleiades Publishing, Ltd.), Vol. 8, No. 9* (2011) p. 885.
258. K. Aamodt et al., the ALICE collaboration, Two-pion Bose-Einstein correlations in pp collisions at $\sqrt{s} = 900$ GeV, *Phys. Rev.* **D82** (2010) 052001; arXiv:1007.0516.
259. K. Aamodt et al., the ALICE collaboration, Transverse momentum spectra of charged particles in proton-proton collisions at $\sqrt{s} = 900$ GeV with ALICE at the LHC, *Phys. Lett.* **B693** (2010) 53; arXiv:1007.0719.
260. K. Aamodt (for the ALICE collaboration), π^0 and η reconstruction from photon conversions in ALICE for first p-p collisions at the LHC, Hot Quarks workshop 2010, 21-26 June, 2010, La Londe-les-Maures, Cote d'Azur, France, *J. Phys.:* Conf. Ser. 270 012035, doi:10.1088/1742-6596/270/1/012035.
261. G. Tsiledakis, H. Appelshäuser, K. Schweda, J. Stachel, Heavy-quark azimuthal momentum correlations as a sensitive probe of thermalization, *Nucl. Phys.* **A858** (2011) 86; e-Print: arXiv:0908.0427 [nucl-ex]
262. A. Andronic, P. Braun-Munzinger, J. Stachel, H. Stoecker, Production of light nuclei, hypernuclei and their antiparticles in relativistic nuclear collisions, *Phys. Lett.* **B697** (2011) 203; e-Print: arXiv:1010.2995 [nucl-th].
263. J. Mercado for the ALICE Collaboration, Measurements of two-particle correlations in pp collisions at $\sqrt{s} = 900$ GeV with the ALICE experiment, *Proc. of ISMD10 (University Press Antwerp), 2011*, p. 187.
264. U. Wiedemann, K. Zapp, J. Stachel, A Monte Carlo implementation of the BDMPS-Z formalism, *Nucl. Phys.* **A855** (2011) 285.

265. K. Aamodt et al., the ALICE Collaboration, Elliptic flow of charged particles in Pb-Pb collisions at 2.76 TeV, Phys. Rev. Lett. **105** (2010) 252302; e-Print: arXiv:1011.3914 [nucl-ex].
266. K. Aamodt et al., the ALICE Collaboration, Charged-particle multiplicity density at mid-rapidity in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Phys. Rev. Lett. **105** (2010) 252301; e-Print: arXiv:1011.3916 [nucl-ex].
267. K. Aamodt et al., the ALICE Collaboration, Suppression of Charged Particle Production at Large Transverse Momentum in Central Pb-Pb Collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Phys. Lett. **B696** (2011) 30; e-Print: arXiv:1012.1004 [nucl-ex].
268. K. Aamodt et al., the ALICE Collaboration, Centrality dependence of the charged particle multiplicity density at mid-rapidity in PbPb collisions at $\sqrt{s_{NN}}=2.76$ TeV, Phys. Rev. Lett. **106** (2011) 032301; e-Print: arXiv:1012.1657 [nucl-ex].
269. K. Aamodt et al., the ALICE Collaboration, Strange particle production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV with ALICE at the LHC, Eur. Phys. J. **C71** (2011) 1594; e-Print: arXiv:1012.3257 [hep-ex].
270. K. Aamodt et al., the ALICE Collaboration, Two-pion Bose-Einstein correlations in central PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Phys. Lett. **B696** (2011) 328; e-Print: arXiv:1012.4035 [nucl-ex].
271. P. Braun-Munzinger and J. Stachel, Hadron Production in Ultra-relativistic Nuclear Collisions and the QCD Phase Diagram: an Update, ed. S. Lee, Festschrift in honor of G.E. Brown's 85th birthday (World Scientific, Singapore, 2011), p. 103; e-Print: arXiv:1101.3167 [nucl-th].
272. K. Aamodt et al., the ALICE Collaboration, Femtoscopy of pp collisions at $\sqrt{s}=0.9$ and 7 TeV at the LHC with two-pion Bose-Einstein correlations, Phys. Rev. **D84** (2011) 112004; e-Print: arXiv:1101.3665 [hep-ex].
273. K. Aamodt et al., the ALICE Collaboration, Production of pions, kaons and protons in pp collisions at $\sqrt{s}= 900$ GeV with ALICE at the LHC, Eur. Phys. J. **C71** (2011) 1655; e-Print: arXiv:1101.4110 [hep-ex].
274. K. Zapp, J. Stachel, U. Wiedemann, A local Monte Carlo framework for coherent QCD parton energy loss, JHEP **1107** (2011) 118; e-Print: arXiv:1103.6252 [hep-ph].
275. K. Koch for the ALICE Collaboration, π^0 and η measurement with photon conversions in ALICE in proton-proton collisions at $\sqrt{s} = 7$ TeV, Proc. Hard Probes Conference, Eilat Oct. 2010, Nucl.Phys. **A855** (2011) 281; e-Print: arXiv:1103.2217 [hep-ex].

276. K. Aamodt et al., the ALICE Collaboration, Rapidity and transverse momentum dependence of inclusive J/psi production in pp collisions at $\sqrt{s} = 7$ TeV, Phys. Lett. **B704** (2011) 442, Erratum *ibid.* **B718** (2012) 692; e-Print: arXiv:1105.0380 [hep-ex].
277. K. Aamodt et al., the ALICE Collaboration, Higher harmonic anisotropic flow measurements of charged particles in Pb-Pb collisions at $\sqrt{s_{(NN)}} = 2.76$ TeV, Phys. Rev. Lett. **107** (2011) 032301; e-Print: arXiv:1105.3865 [nucl-ex].
278. K. Reygers for the ALICE Collaboration, Production of Neutral Pions and Eta-mesons in pp Collisions Measured with ALICE, Proc. Quarkmatter 2011 Conference, J. Phys. G **38** (2011) 124076, e-Print: arXiv:1106.5932 [hep-ex].
279. A. Andronic, P. Braun-Munzinger, K. Redlich, J. Stachel, The thermal model on the verge of the ultimate test: particle production in Pb-Pb collisions at the LHC, Proc. Quarkmatter 2011 Conference, J. Phys. **G38** (2011) 124081; e-Print: arXiv:1106.6321 [nucl-th].
280. Y. Pachmayer [ALICE Collaboration], Measurement of the nuclear modification factor of electrons from heavy-flavour decays at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE, Proc. Quarkmatter 2011 Conference, J. Phys. G **38** (2011) 124186.
281. J. Mercado for the ALICE Collaboration, Two-pion Bose-Einstein correlations in Pb-Pb collisions at 2.76 TeV with ALICE, Proc. Quarkmatter 2011 Conference, J. Phys. G: Nucl. Part. Phys. **38** (2011) 124056; e-Print: arXiv:1107.0479 [nucl-ex].
282. K. Aamodt *et al.*, the ALICE Collaboration, Harmonic decomposition of two-particle angular correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Phys. Lett. **B708** (2012) 249; e-Print: arXiv:1109.2501 [nucl-ex].
283. K. Aamodt *et al.*, the ALICE Collaboration, Particle-yield modification in jet-like azimuthal di-hadron correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Phys. Rev. Lett. **108** (2012) 092301; e-Print: arXiv: 1110.0121 [nucl-ex].
284. M.-J. Kweon for the ALICE Collaboration, Measurement of nuclear modification of lepton production from heavy flavour decays in Pb-Pb collisions with ALICE at the LHC, Proc. Rutherford Centennial Conference on Nuclear Physics 2011, J. Phys. Conf. Ser. **381** (2012) 012033.
285. H.K. Soltveit, P. Braun-Munzinger, L. Musa, J. Stachel, The preamplifier-shaper for the ALICE TPC-Detector, NIM **A676** (2012) 106; arXiv:1203.3564 [physics.ins-det].
286. B. Abelev *et al.*, the ALICE Collaboration, J/psi polarization in pp collisions at $\sqrt{s} = 7$ TeV, Phys. Rev. Lett. **108** (2012) 082001; e-Print: arXiv:1111.1630 [hep-ex].

287. B. Abelev *et al.*, the ALICE Collaboration, Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV, JHEP **1201** (2012) 128; e-Print: arXiv:1111.1553 [hep-ex].
288. Y. C. Pachmayer for the ALICE Collaboration, Physics with the ALICE Transition Radiation Detector, proceedings of TRDs for the third Millennium, 14 - 16 September 2011, Bari, Italy, Nucl. Instr. Meth. **A706** (2013) 6; eprint: arXiv:1112.2098 [nucl-ex].
289. Ch. Blume for the ALICE Collaboration, Commissioning and performance of the ALICE TRD, proceedings of TRDs for the third Millennium, 14 - 16 September 2011, Bari, Italy, Nucl. Instr. Meth. **A706** (2013) 12.
290. X. Lu for the ALICE Collaboration, Energy Loss Signals in ALICE TRD and Application in Particle Identification, proceedings of TRDs for the third Millennium, 14 - 16 September 2011, Bari, Italy, Nucl. Instr. Meth. **A706** (2013) 16.
291. J. Stiller for the ALICE Collaboration, Gain Calibration of the ALICE TRD using a Krypton Source, proceedings of TRDs for the third Millennium, 14 - 16 September 2011, Bari, Italy, Nucl. Instr. Meth. **A706** (2013) 20.
292. O. Busch for the ALICE Collaboration, The Detector Control System of ALICE TRD, proceedings of TRDs for the third Millennium, 14 - 16 September 2011, Bari, Italy, Nucl. Instr. Meth. **A706** (2013) 86.
293. J. Klein for the ALICE Collaboration, Triggering with the ALICE TRD, proceedings of TRDs for the third Millennium, 14 - 16 September 2011, Bari, Italy, Nucl. Instr. Meth. **A706** (2013) 23.
294. Y. Pachmayer for the ALICE Collaboration, Heavy-flavour production measurements in pp collisions at the LHC with ALICE, PoS EPS-HEP2011 (2011) 293; eprint: arXiv:1110.6462 [hep-ex].
295. B. Abelev *et al.*, the ALICE Collaboration, Underlying Event measurements in pp collisions at $\sqrt{s} = 0.9$ and 7 TeV with the ALICE experiment at the LHC, JHEP **1207** (2012) 116; e-Print: arXiv:1112.2082 [hep-ex].
296. B. Abelev *et al.*, the ALICE Collaboration, Light vector meson production in pp collisions at $\sqrt{s} = 7$ TeV, Phys. Lett. **B710** (2012) 557; e-Print: arXiv:1112.2222 [nucl-ex].
297. A. Andronic, P. Braun-Munzinger, J. Stachel, and M. Winn, Interacting hadron resonance gas meets lattice QCD, Phys. Lett. **B718** (2012) 80; e-Print: arXiv:1201.0693 [hep-ph].

298. B. Abelev *et al.*, the ALICE Collaboration, Measurement of event background fluctuations for charged particle jet reconstruction in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV, JHEP **1203** (2012) 053, e-Print: arXiv:1201.2423 [hep-ex].
299. B. Abelev *et al.*, the ALICE Collaboration, Heavy flavour decay muon production at forward rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV, Phys. Lett. **B708** (2012) 265, e-Print: arXiv:1201.3791v1 [hep-ex].
300. B. Abelev *et al.*, the ALICE Collaboration, J/ψ suppression at forward rapidity in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV, Phys. Rev. Lett. **109** (2012) 072301; e-Print: arXiv:1202.1383 [hep-ex].
301. B. Abelev *et al.*, the ALICE Collaboration, J/ψ production as a function of charged particle multiplicity in pp collisions at $\sqrt{s} = 7$ TeV, Phys. Lett. **B712** (2012) 165, arXiv: 1202.2816 [hep-ex].
302. B. Abelev *et al.*, the ALICE Collaboration, ALICE: Suppression of high transverse momentum D mesons in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV, JHEP **1209** (2012) 112, e-Print: arXiv:1203.2160 [hep-ex].
303. B. Abelev *et al.*, the ALICE Collaboration, Measurement of the Cross Section for Electromagnetic Dissociation with Neutron Emission in Pb-Pb Collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV, Phys. Rev. Lett. **109** (2012) 252302; e-Print: arXiv: 1203.2436 [nucl-ex].
304. B. Abelev *et al.*, the ALICE Collaboration, Inclusive J/ψ production in pp collisions at $\sqrt{s} = 2.76$ TeV, Phys. Lett. **B718** (2012) 295; arXiv:1203.3641[hep-ex].
305. B. Abelev *et al.*, the ALICE Collaboration, Multi-strange baryon production in pp collisions at $\sqrt{s} = 2.76$ TeV, Phys. Lett. **B718** (2012) 309; e-Print: arXiv:1204.0282 [nucl-ex].
306. D. Adamova *et al.*, the CERES Collaboration, Elliptic flow of charged pions, protons and strange particles emitted in Pb+Au collisions at top SPS energy, Nucl. Phys. **A894** (2012) 41; e-Print: arXiv:1205.3692 [nucl-ex].
307. B. Abelev *et al.*, the ALICE Collaboration, Transverse sphericity of primary charged particles in minimum bias proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV, Eur. Phys. J **C72** (2012) 2124; e-Print: arXiv:1205.3963 [hep-ex].
308. B. Abelev *et al.*, the ALICE Collaboration, Measurement of charm production at central rapidity in proton-proton collisions at $\sqrt{s} = 2.76$ TeV, JHEP **1207** (2012) 191; e-Print: arXiv: 1205.4007 [nucl-ex].
309. B. Abelev *et al.*, the ALICE Collaboration, Measurement of electrons from semileptonic heavy-flavour hadron decays in pp collisions at $\sqrt{s} = 7$ TeV, Phys. Rev. **D86** (2012) 112007; e-Print: arXiv:1205.5423 [hep-ex].

310. B. Abelev *et al.*, the ALICE Collaboration, Neutral pion and η meson production in proton-proton collisions at $\sqrt{s} = 0.9$ TeV and $\sqrt{s} = 7$ TeV, Phys. Lett. **B717** (2012) 162; e-Print: arXiv:1205.5724 [hep-ex].
311. B. Abelev *et al.*, the ALICE Collaboration, ALICE: Anisotropic flow of charged hadrons, pions and (anti-)protons measured at high transverse momentum in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV, Phys. Lett. **B719** (2013) 18; e-Print: arXiv:1205.5761 [hep-ex].
312. B. Abelev *et al.*, the ALICE Collaboration, Measurement of prompt J/ψ and beauty hadron production cross sections at mid-rapidity in pp collisions at $\sqrt{s} = 7$ TeV, JHEP **1211** (2012) 065; e-Print: arXiv:1205.5880 [hep-ex].
313. B. Abelev *et al.*, the ALICE Collaboration, Production of muons from heavy flavour decays at forward rapidity in pp and Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV, Phys. Rev. Lett. **109** (2012) 112301; e-Print: arXiv:1205.6443 [hep-ex].
314. B. Abelev *et al.*, the ALICE Collaboration, $K_S^0 K_S^0$ correlations in pp collisions at $\sqrt{s} = 7$ TeV from the LHC ALICE experiment, Phys. Lett. **B717** (2012) 151; e-Print: arXiv:1206.2056 [hep-ex].
315. B. Abelev *et al.*, the ALICE Collaboration, Charge separation relative to the reaction plane in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV, Phys. Rev. Lett. **110** (2013) 012301; e-Print: arXiv:1207.0900 [hep-ex].
316. K. Aamodt *et al.*, the ALICE Collaboration, Net-Charge Fluctuations in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV, Phys. Rev. Lett. **110** (2013) 152301; e-Print: arXiv: 1207.6068 [nucl-ex].
317. B. Abelev *et al.*, the ALICE Collaboration, Measurement of electrons from beauty hadron decays in pp collisions at $\sqrt{s} = 7$ TeV, Phys. Lett. **B721** (2013) 13; e-Print: arXiv:1208.1902 [hep-ex].
318. B. Abelev *et al.*, the ALICE Collaboration, D_s^+ meson production at central rapidity in proton-proton collisions at $\sqrt{s} = 7$ TeV, Phys. Lett. **B718** (2012) 279; e-Print: arXiv:1208.1948 [hep-ex].
319. B. Abelev *et al.*, the ALICE Collaboration, Pion, kaon, and proton production in central Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV, Phys. Rev. Lett. **109** (2012) 252301; e-Print: arXiv:1208.1974 [hep-ex].
320. B. Abelev *et al.*, the ALICE Collaboration, centrality dependence of charged particle production at large transverse momentum in Pb-Pb collisions at $\sqrt{s_{\text{NN}}} = 2.76$ TeV, Phys. Lett. **B720** (2013) 52; e-Print: arXiv:1208.2711 [hep-ex].

321. B. Abelev *et al.*, the ALICE Collaboration, measurement of inelastic, single- and double-diffraction cross sections in proton-proton collisions at the LHC with ALICE, *Eur. Phys. J.* **C73** (2013) 2456; e-Print: arXiv:1208.4968 [hep-ex].
322. B. Abelev *et al.*, the ALICE Collaboration, production of $K^{*0}(892)$ and $\phi(1020)$ in pp collisions at $\sqrt{s} = 7$ TeV, *Eur. Phys. J.* **C72** (2012) 2183; e-Print: arXiv:1208.5717 [hep-ex].
323. B. Abelev *et al.*, the ALICE Collaboration, coherent J/ψ production in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, *Phys. Lett.* **B718** (2013) 1273; e-Print: arXiv:1209.3715 [nucl-ex].
324. B. Abelev *et al.*, the ALICE Collaboration, Pseudorapidity density of charged particles in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV, *Phys. Rev. Lett.* **110** (2013) 032301; e-Print: arXiv:1210.3615 [nucl-ex].
325. B. Abelev *et al.*, the ALICE Collaboration, Transverse momentum distribution and nuclear modification factor of charged particles in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV, *Phys. Rev. Lett.* **110** (2013) 082302; e-Print: arXiv:1210.4520 [nucl-ex].
326. A. Andronic, P. Braun-Munzinger, K. Redlich and J. Stachel, the statistical model in Pb Pb collisions at the LHC, *Proc. Quarkmatter 2012*, *Nucl. Phys.* **A904-905** (2013) 535c; e-Print: arXiv:1210.7724 [nucl-th].
327. B. Abelev *et al.*, the ALICE Collaboration, Long-range angular correlations on the near and away side in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV, *Phys. Lett.* **B719** (2013) 29; e-Print: arXiv:1212.2001 [nucl-ex].
328. B. Abelev *et al.*, the ALICE Collaboration, Charged kaon femtoscopic correlations in pp collisions at $\sqrt{s} = 7$ TeV, *Phys. Rev.* **D87** (2013) 052016; e-Print: arXiv:1212.5958 [hep-ex].
329. B. Abelev *et al.*, the ALICE Collaboration, Measurement of the inclusive differential jet cross section in pp collisions at $\sqrt{s} = 2.76$ TeV, *Phys. Lett.* **B722** (2013) 262; e-Print: arXiv:1301.3475 [nucl-ex].
330. F. Reidt for the ALICE Collaboration, Central diffraction in proton-proton collisions at $\sqrt{s} = 7$ TeV with ALICE at the LHC, *Proc. 7th Int. Workshop on Diffraction in High Energy Physics*, *AIP Conf. Proc.* 1523 (2012); arXiv:1301.3507[hep-ex].
331. K. Oyama for the ALICE Collaboration, ALICE detector status and upgrade plans, *HCP 2012 - Hadron Collider Physics Symposium 2012*, *Eur. Phys. J. Web Conf.* **49** (2013) 02002.

332. B. Abelev *et al.*, the ALICE Collaboration, Charge correlations using the balance function in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Phys.Lett. **B723** (2013) 267; e-Print: arXiv:1301.3756 [nucl-ex].
333. B. Abelev *et al.*, the ALICE Collaboration, Centrality determination of Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV with ALICE, Phys.Rev. **C88** (2013) 044909; e-Print: arXiv:1301.4361 [nucl-ex].
334. B. Abelev *et al.*, the ALICE Collaboration, Centrality dependence of π , K, p production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Phys. Rev. **C88** (2013) 044910, in print; e-Print: arXiv:1303.0737 [hep-ex].
335. E. Abbas *et al.*, the ALICE Collaboration, J/ψ elliptic flow in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Phys. Rev. Lett.**111** (2013) 162301; e-Print: arXiv:1303.5880 [nucl-ex] .
336. E. Abbas *et al.*, the ALICE Collaboration, Centrality dependence of the pseudorapidity density distribution for charged particles in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Phys. Lett. **B726** (2013) 610; e-Print: arXiv:1304.0347 [nucl-ex].
337. E. Abbas *et al.*, ALICE Collaboration, Charmonium and e^+e^- pair photoproduction at mid-rapidity in ultra-peripheral Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, 2013, Eur. Phys. J. **C73** (2013) 2617; arXiv:1305.1467 [nucl-ex].
338. E. Abbas *et al.*, ALICE Collaboration, Mid-rapidity anti-baryon to baryon ratios in pp collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV measured by ALICE, 2013, Eur. Phys. J. **C73** (2013) 2496; arXiv:1305.1562 [nucl-ex].
339. B. Abelev *et al.*, ALICE Collaboration, D meson elliptic flow in non-central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, 2013, Phys. Rev. Lett.**111** (2013) 102301; arXiv:1305.2707 [nucl-ex].
340. K. Oyama for the ALICE Collaboration, Reference cross section measurements with ALICE in pp and Pb-Pb collisions at LHC, Proc. LHC Lumi Days 2012; arXiv:1305.7044[nucl-ex].
341. O. Busch for the ALICE Collaboration, Jet results in pp and Pb-Pb collisions at ALICE, Proc. 48th Rencontres de Moriond on QCD and High Energy Interaction; arXiv:1306.2747[nucl-ex].
342. E. Abbas *et al.*, ALICE Collaboration, Performance of the ALICE VZERO system, 2013, JINST **8** (2013) P10016; arXiv:1306.3130 [nucl-ex].
343. B. Abelev *et al.*, ALICE Collaboration, Directed flow of charged particles at mid-rapidity relative to the spectator plane in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, 2013, Phys. Rev. Lett. **111** (2013) 232302; arXiv:1306.4145 [nucl-ex].

344. B. Abelev *et al.*, ALICE Collaboration, Energy dependence of the transverse momentum distributions of charged particles in pp collisions with ALICE, *Eur. Phys. J.* **C73** (2013) 2662; arXiv:1307.1093[nucl-ex].
345. B. Abelev *et al.*, ALICE Collaboration, Multiplicity dependence of the average transverse momentum in pp, p-Pb, and Pb-Pb collisions at the LHC, *Phys. Lett.* **B727** (2013) 371; arXiv:1307.1094[nucl-ex].
346. B. Abelev *et al.*, ALICE Collaboration, Multiplicity dependence of two-particle azimuthal correlations in pp collisions at the LHC, *JHEP* **1309** (2013) 049; arXiv:1307.1249[nucl-ex].
347. B. Abelev *et al.*, ALICE Collaboration, Long-range angular correlations of π , K and p in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV, *Phys. Lett.* **B726** (2013) 164; arXiv:1307.3237[nucl-ex].
348. B. Abelev *et al.*, ALICE Collaboration, K_0^S and Λ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, *Phys. Rev. Lett.* **111** (2013) 222301; arXiv:1307.5530[nucl-ex].
349. B. Abelev *et al.*, ALICE Collaboration, Multi-strange baryon production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV. *Phys. Lett.* **B728** (2014) 216; arXiv:1307.543 [nucl-ex].
350. B. Abelev *et al.*, ALICE Collaboration, Multiplicity Dependence of π^+ , K^+ , K_s^0 , p (pbar) and Λ (Λ bar) production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV, *Phys. Lett.* **B728** (2014) 25; arXiv:1307.6796[nucl-ex].
351. B. Abelev *et al.*, ALICE Collaboration, J/ψ production and nuclear effects in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV, *JHEP* **1402** (2014) 073; arXiv:1308.6726[nucl-ex].
352. B. Abelev *et al.*, ALICE Collaboration, Two and three-pion quantum statistics correlations in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, *Phys. Rev.* **C89** (2014) 024911; arXiv:1310.7808[nucl-ex].
353. B. Abelev *et al.*, ALICE Collaboration, Centrality, rapidity and transverse momentum dependence of J/ψ suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, *Phys. Lett.* **B743** (2014) 314; arXiv:1311.0214[nucl-ex].
354. B. Abelev *et al.*, ALICE Collaboration, Measurement of charged jet suppression in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, *JHEP* **1403** (2014) 013; arXiv:1311.0633[nucl-ex].
355. J. Stachel, A. Andronic, P. Braun-Munzinger, K. Redlich, Confronting LHC data with the statistical hadronization model, *Proc. Strange Quark Matter 2013*, *J. Phys. Conf. Ser.* **509** (2014) 012019; arXiv:1311.4662[nucl-th].

356. J. Wilkinson for the ALICE Collaboration, Mid-rapidity D meson production in pp, pPb and PbPb collisions at the LHC, 9th Int. Workshop on High-pt Physics at LHC, IOP JPCS; arXiv:1402.3124[hep-ex].
357. Y. Pachmayer for the ALICE Collaboration, Particle identification with the ALICE transition radiation detector, Proc. 8th Int. Workshop on Ring Imaging Cherenkov Detectors RICH 2013, Nucl.Instrum.Meth. A766 (2014) 292; arXiv:1402.3508[physics.ins-det].
358. B. Abelev *et al.*, ALICE Collaboration, Performance of the ALICE experiment at the CERN LHC, Int. J. Mod. Phys. **A29** (2014) 143004; arXiv:1402.4476[nucl-ex].
359. F. Carena *et al.*, the ALICE Collaboration, The ALICE data acquisition system, Nucl. Inst. Meth. **A471** (2014) 130; arXiv:1403.0462[nucl-ex].
360. B. Abelev *et al.*, ALICE collaboration, $K^*(892)^0$ and $\Phi(1020)$ production in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Phys. Rev. **C91** (2015) 024609; arXiv:1404.0495[nucl-ex].
361. B. Abelev *et al.*, ALICE collaboration, Freeze-out radii extracted from three-pion cumulants in pp, p-Pb and Pb-Pb collisions at the LHC, Phys. Lett. **B739** (2014) 139; arXiv:1404.1194[nucl-ex].
362. M. Winn for the ALICE Collaboration, Inclusive J/ψ and $\psi(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with ALICE at the LHC, Hard Probes 2013, Nucl. Phys. **A932** 472; arXiv:1404.1615[nucl-ex].
363. B. Abelev *et al.*, ALICE collaboration, Measurement of visible cross sections in proton-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV in van der Meer scans with the ALICE detector, JINST **9** (2014) 1100; arXiv:1405.1849[nucl-ex].
364. B. Abelev *et al.*, ALICE collaboration, Measurement of prompt D-meson production in p-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV, Phys. Rev. Lett. **113** (2014) 232301; arXiv:1405.3452[nucl-ex].
365. B. Abelev *et al.*, ALICE collaboration, Neutral pion production at midrapidity in pp and PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Eur. Phys. J. **C** (2014) 74; arXiv:1405.3794[nucl-ex].
366. B. Abelev *et al.*, ALICE collaboration, Suppression of $\psi(2S)$ production in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV, JHEP **12** (2014) 073; arXiv:1405.3796[nucl-ex].
367. B. Abelev *et al.*, ALICE collaboration, Measurement of electrons from semileptonic heavy-flavor hadron decays in pp collisions at $\sqrt{s} = 2.76$ TeV, Phys. Rev. **D91** (2015) 012001; arXiv:1405.4117[nucl-ex].

368. B. Abelev *et al.*, ALICE collaboration, Beauty production in pp collisions at $\sqrt{s} = 2.76$ TeV measured via semi-electronic decays, Phys.Lett. **B738** (2014) 97; arXiv:1405.4144[nucl-ex].
369. B. Abelev *et al.*, ALICE collaboration, Suppression of $\Upsilon(1S)$ at forward rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Phys. Lett. **B738** (2014) 361; arXiv:1405.4493[nucl-ex].
370. B. Abelev *et al.*, ALICE collaboration, Elliptic flow of identified hadrons in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, JHEP **06** (2015) 190; arXiv:1405.4632[nucl-ex].
371. B. Abelev *et al.*, ALICE collaboration, Multi-particle azimuthal correlations in p-Pb and Pb-Pb collisions at the CERN Large Hadron Collider, Phys. Rev. **C90** (2014) 054901; arXiv:1406.2474[nucl-ex].
372. B. Abelev *et al.*, ALICE collaboration, Production of $\Sigma(1385)^\pm$ and $\Xi(1530)^0$ in proton-proton collisions at $\sqrt{s} = 7$ TeV, Eur. Phys. J. **C75** (2015) 1; arXiv:1406.3206[nucl-ex].
373. B. Abelev *et al.*, ALICE collaboration, Multiplicity dependence of jet-like two-particle correlations in p-Pb collisions, at $\sqrt{s_{NN}} = 5.02$ TeV, Phys. Lett. **B741** (2015) 38; arXiv:1406.5463[nucl-ex].
374. B. Abelev *et al.*, ALICE collaboration, Exclusive J/Ψ photoproduction off protons in ultra-peripheral p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV, Phys. Rev. Lett. **113** (2014) 232504; arXiv:1406.7819[nucl-ex].
375. B. Abelev *et al.*, ALICE collaboration, Event-by-event mean pT fluctuations in pp and Pb-Pb collisions at the LHC, Eur. Phys. J. **C** (2014) 74; arXiv:1407.5530[nucl-ex].
376. B. Abelev *et al.*, ALICE collaboration, Production of inclusive $\Upsilon(1S)$ and $\Upsilon(2S)$ in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV, Phys. Lett. **B740** (2015) 105; arXiv:1410.2234[nucl-ex].
377. B. Abelev *et al.*, ALICE collaboration, Charged jet cross sections and properties in proton-proton collisions at $\sqrt{s}=7$ TeV, Phys. Rev. **D91** (2015) 112012; arXiv:1411.4969[nucl-ex].
378. B. Abelev *et al.*, ALICE collaboration, Inclusive photon production at forward rapidities in proton-proton collisions at $\sqrt{s} = 0.9, 2.76$ and 7 TeV, EPJ **C75** (2015) 146; arXiv:1411.4981[nucl-ex].
379. J. Adam *et al.*, ALICE collaboration, Centrality dependence of particle production in p-Pb collisions at $\sqrt{s_{NN}}= 5.02$ TeV, Phys. Rev. **C91** (2015) 064905; arXiv:1412.6828[nucl-ex].

380. J. Adam *et al.*, ALICE collaboration, Forward-backward multiplicity correlations in pp collisions at $\sqrt{s}=0.9, 2.76$ and 7 TeV, JHEP **05** (2015) 097; arXiv:1502.00230[nucl-ex].
381. J. Adam *et al.*, ALICE collaboration, Two-pion femtoscopy in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV, Phys. Rev. **C91** (2015) 034906; arXiv:1502.00559[nucl-ex].
382. J. Adam *et al.*, ALICE collaboration, Measurement of jet suppression in central Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, Phys. Lett. **B746** (2015) 1; arXiv:1502.01689[nucl-ex].
383. J. Adam *et al.*, ALICE collaboration, Measurement of dijet kT in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV, Phys. Lett. **B746** (2015) 385; arXiv:1503.03050[nucl-ex].
384. J. Adam *et al.*, ALICE collaboration, Rapidity and transverse-momentum dependence of the inclusive J/ Ψ nuclear modification factor in p-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV, JHEP **06** (2015) 55; arXiv:1503.07179[nucl-ex].
385. J. Adam *et al.*, ALICE collaboration, Measurement of pion, kaon and proton production in proton-proton collisions at $\sqrt{s}=7$ TeV, EPJ **C5** (2015) 226; arXiv:1504.00024[nucl-ex].
386. J. Adam *et al.*, ALICE collaboration, Inclusive, prompt and non-prompt J/ Ψ production at mid-rapidity in Pb-Pb collisions at $\sqrt{s_{NN}} = 2.76$ TeV, JHEP **07** (2015) 051; arXiv:1504.07151[nucl-ex].
387. J. Adam *et al.*, ALICE collaboration, Precision measurement of the mass difference between light nuclei and anti-nuclei, doi:10.1038/nphys3432; arXiv:1508.03986[nucl-ex].

Talks presented at Conferences

1. Frühjahrstagung der Deutschen Physikalischen Gesellschaft, München 17.-21.3.80
J. Stachel, N. Kaffrell, H. Emling, H. Folger, E. Grosse, R. Kulesa and D. Schwalm, Multiple Coulombanregung von ^{104}Ru
2. 2nd Specialized Workshop on Interacting Bose-Fermi systems in nuclei, Erice, Sicily, 12.-19.6.80
J. Stachel, Is the cut-off as predicted by the IBM observed in recent Coulomb excitation experiments performed at GSI?

3. Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Hamburg, 23.-27.3.81
J. Stachel, N. Kaffrell, N. Trautmann, H. Emling, H. Folger, E. Grosse, R. Kulesa, D. Schwalm, K. Broden, G. Skarnemark and D. Eriksen, Phase transition in nuclear shape in the $A \approx 100$ region
4. 4th International Conference on Nuclei far from Stability, Helsingor, 7.-13.6.81
J. Stachel, Phase transition in nuclear shape in the $A \approx 100$ region? (invited talk)
5. The 14th Mazurian Summer School on Nuclear Physics, Mikolajki, 31.8.-12.9.81
J. Stachel, Deformed nuclei around $A=100$?
6. XXth International Winter Meeting on Nuclear Physics, Bormio, 25.-30.1.82
J. Stachel, Evidence for triaxiality in ^{104}Ru (invited talk)
7. Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Karlsruhe, 22.-26.3.82
J. Stachel, N. Kaffrell, H. Emling, H. Folger, E. Grosse, R. Kulesa and D. Schwalm, Zur Struktur von ^{104}Ru
8. 14. Expertentreffen für Kernphysik, Schleching, 1.-12.3.83
J. Stachel, Bestimmung kollektiver Koordinaten aus E2-Momenten
9. Frühjahrstagung der Deutschen Physikalischen Gesellschaft, Münster, 21.-25.3.83
J. Stachel, P. Hill, N. Kaffrell, H. Emling, H. Grein, E. Grosse, R. Kulesa, C. Michel, H.J. Wollersheim, D. Schwalm, S. Brüssermann, Evidence for non-axial nuclear shape from electromagnetic moments (invited talk)
10. Conference on Nuclear Structure and Particle Physics, 23.-25.3.83, Liverpool
J. Stachel, Nuclear shape and dynamics in the $A=100$ region (invited talk)
11. Gordon Research Conference on Nuclear Chemistry, 20.-24.6.83, New London
J. Stachel, Collective and single particle degrees of freedom around $A=100$
12. Workshop on electromagnetic properties of high spin states, 9.-13.1.84, Ein Boqek, Israel
J. Stachel, Collective structure around $A \approx 100$ (invited talk)
13. 187th National Meeting of the American Chemical Society, 4/8-4/13/84, St. Louis
J. Stachel, Collective structure around $A=100$ (invited talk)
14. Spring meeting of the American Physical Society, 4/23-4/26/84, Washington
J. Stachel, P. Braun-Munzinger, P. Paul, L. Ricken, P.H. Zhang, G.R. Young, F.E. Obenshain and E. Grosse, Collectivity in subthreshold pion production
15. INS-RIKEN Int.Symp. on Heavy Ion Nuclear Physics, 8/27-8/31/84, Mt. Fuji, Japan
J. Stachel, P. Braun-Munzinger, P. Paul, P.H. Zhang, F.E. Obenshain, F. Plasil

- and G.R. Young, Pion production in heavy ion reactions near absolute thresholds (invited talk)
16. 7th High Energy Heavy Ion Study, GSI Darmstadt, 10/8-10/12/84
J. Stachel, Subthreshold π^0 production (invited talk)
 17. XIIIth Int. Workshop on Gross Properties of Nuclei and Nuclear Excitations, Hirschegg, Jan.13-19,1985
J. Stachel, Pion production in heavy ion reactions near absolute thresholds
 18. Niels Bohr Centennial Symposium on Nuclear Structure, Copenhagen, May 1985
J. Stachel, Pion production - a probe for coherence in medium energy heavy ion collisions (invited talk)
 19. 189th National Meeting of the American Chemical Society, Miami, 5/85
J. Stachel, P. Braun-Munzinger, P. Paul, F.E. Obenshain, F. Plasil, G.R. Young, Pion production in heavy ion reaction near absolute thresholds (invited talk)
 20. Workshop on Local Equilibrium in Strong Interaction Physics, Santa Fe, 4/8 - 4/13/86
J. Stachel, Photon and Pion Production in Medium Energy Heavy Ion Reactions (invited talk)
 21. International Nuclear Physics Conference, Harrogate 8/25-30/1986, UK
J. Stachel, Pion and photon production - a probe for coherence in medium energy heavy ion collisions (invited talk)
 22. Fourth Gull Lake Nuclear Physics Meeting "Energetic products of heavy ion collisions", Gull Lake, May 17-20, 1987
J. Stachel, Pion production in heavy ion collisions close to absolute thresholds (invited talk)
 23. Fall Meeting of the American Physical Society, New Brunswick 10/15-18/87:
J. Stachel, P. Braun-Munzinger, R. Scharf, Photon response of a Pb-glass Cerencov detector
 24. Texas A&M Symposium On Hot Nuclei, College Station, Texas, 12/7-10/87
J. Stachel, From nuclear to hadronic fireballs (invited talk)
 25. Conference on Intersections between Nuclear and Particle Physics, Rockport Maine, May 12-18,1988
J. Stachel, New results from experiment E814 (invited talk)
 26. Quarkmatter '88, Lenox, September 25-30,1988
J. Stachel, Stopping and energy flow in relativistic nucleus-nucleus collisions

27. International Workshop on Nuclear Dynamics at Medium and High Energies Bad Honnef, Germany, October 10-14, 1988
J. Stachel, Stopping in relativistic heavy ion collisions (invited talk)
28. HIPAGS - Workshop on the Relativistic Heavy Ion Program at the AGS Brookhaven National Lab., March 6-8, 1990
J. Stachel, Successes and Failures of the Fireball Model
29. Quarkmatter '90, Menton, France, May 7-11, 1990
J. Stachel, Experimental survey of global observables (invited talk)
30. Panic XII, MIT Boston, June 25-29, 1990
J. Stachel, Relativistic Nucleus-Nucleus Collisions at the AGS - Survey of Experimental Results (invited talk)
31. International Symposium on High Energy Nuclear Collisions and Quark-Gluon Plasma, Kyoto, Japan, June 6-9, 1991
J. Stachel for the E814 collaboration, Recent Results from E814.
32. Fourth International Conference on Nucleus-Nucleus Collisions, Kanazawa, Japan, June 10-14, 1991.
J. Stachel for the E814 collaboration, Baryon Distributions at 14.6 GeV/nucleon
33. Gross Properties of Nuclei and Nuclear Excitations, International Workshop XX, Hirschegg, Austria, January 1992.
J. Stachel, Baryon and Pion Distributions from Nucleus-Nucleus Collisions at 15 GeV/nucleon.
34. Int. Symposium on Heavy Ion Physics at the AGS, HIPAGS '93, January 13-15, 1993, MIT, Boston: J. Stachel, Conference Summary (invited talk).
35. 2nd International Conference on Physics and Astrophysics of the Quark-Gluon Plasma, January 19-23, 1993, Calcutta, India
J. Stachel, The Relativistic Heavy Ion Program at the Brookhaven AGS (invited Talk).
36. Symposium on Advanced Instrumentation for Nuclear Research, Bhabha Atomic Research Centre, Bombay, India, January 27-29, 1993, India
J. Stachel, Measurement of Direct Photons at RHIC.
37. 159th National Meeting of the American Association for the Advancement of Science, Boston, February 1993
J. Stachel, Exploring New States of Matter with Ultrarelativistic Collisions of Nuclei (invited talk).

38. Topical Workshop on Meson Production in Nuclear Collisions, GSI, Germany, May 1993
J. Stachel, Meson Spectra from E814 at the Brookhaven AGS (invited talk).
39. Quark Matter '93, Borlänge, Sweden, June 1993
J. Stachel for the E814 Collaboration, Particle Spectra and Correlations from AGS experiment 814 (invited talk).
40. Nuclear Physics Gordon Conference, July 26, 1993, Tilton,
J. Stachel, Matter at High Density and Temperature - Recent Results from the AGS Heavy Ion Program (invited talk).
41. 9th General Conference of the European Physical Society "Trends in Physics", Florence, Italy, September 1993
J. Stachel, Hot and Dense Matter Created in Ultrarelativistic Heavy Ion Collisions at the Brookhaven AGS (invited talk).
42. European Research Conference "Nuclear Physics", Vuosaari, Finland, June 1994
J. Stachel, Results from Truly Heavy Ion Experiments at the BNL AGS (invited talk).
43. Nato Advanced Research Workshop "Hot Hadronic Matter: Theory and Experiment", Divonne-Les-Bains, June 1994
J. Stachel, Matter at Extreme Conditions from Ultra-relativistic Au-Au Collisions at the AGS (invited talk).
44. APS Fall Meeting of the DNP, Williamsburg, October 1994,
J. Stachel Information on Nuclear Fireballs from Particle Spectra of Strange and Nonstrange Hadrons (invited talk).
45. Workshop "The PHENIX Experiment at RHIC", CCAST, Beijing, China, November 1994
J. Stachel, Heavy Ion Physics at the BNL AGS.
46. The 11th Nordic Meeting on Intermediate and High Energy Nuclear Physics, Gräftåvallen, Sweden, January 1995
J. Stachel, Au + Au Collisions at the AGS: Matter at Extreme Density and High Temperature (invited talk).
47. AGS User's Meeting, BNL, June 16, 1995
J. Stachel, Recent Results from E877 (invited talk).
48. Second International Workshop on Heavy Ion Physics and its Applications, Lanzhou, August 29 - 31, 1995
J. Stachel, Results from the AGS Relativistic Heavy Ion Program (invited talk).

49. Board of Physics and Astronomy of the US National Research Council, November 4, 1995
J. Stachel, An assessment of nuclear physics.
50. International Conference on Nuclear Physics at the Turn of the Millennium, Wilderness, South Africa, March 10-16, 1996
J. Stachel, Probing the equation of state of dense matter with relativistic heavy ion collisions. (invited talk)
51. Workshop 'The Quark, the Plasma and Beyond', Bielefeld, May 17-18, 1996
J. Stachel, The search for QGP in heavy ion collisions. (invited talk)
52. Quark Matter '96, Heidelberg, May 20-24, 1996
J. Stachel, Tests of thermalization. (invited talk)
53. PANIC 96, Williamsburg, Virginia, May 22-28, 1996
J. Stachel, Exploring the phase boundary to the quark-gluon plasma in collisions between high energy nuclei. (invited talk)
54. 20th Johns Hopkins Workshop on Non-Perturbative Particle Theory and Experimental Tests, Heidelberg, June 27-29, 1996
J. Stachel, Heavy Ion Collisions. (invited talk)
55. Workshop HBT '96, Particle Interferometry in High Energy Heavy Ion Collisions, Trento, September 16-27, 1996
J. Stachel, Remarks about correlations and freeze-out.
56. Int. Research Workshop "Heavy Ion Physics at Low, Intermediate and Relativistic Energies using 4π Detectors, Poiana Brasov, Romania, October 7-14, 1996
J. Stachel, Energy and Particle Flow in Au + Au Collisions at the AGS. (invited talk).
57. XXVIII Arbeitstreffen Kernphysik, Schleching, March 5-13, 1997
J. Stachel, Quarkmaterie (invited lectures).
58. ECT Trento, Workshop on Equilibration in Relativistic Heavy Ion Collisions, April 7-11, 1997
J. Stachel, Review of Hadron Yields and Spectra from the AGS Heavy Ion Program.
59. Extended NuPECC Meeting, Garching, April 25-26, 1997
J. Stachel, Nucleus-Nucleus Collisions and the Phase Transitions of Nuclear Matter.
60. Nuclear Matter in Different Phases and Transitions, Les Houches, March 31 - April 10, 1998
J. Stachel, Flow Phenomena as Possible Signals of the QCD Phase Transition (invited talk).

61. Meson '98, Workshop on Production, Properties and Interaction of Mesons, Crakow, May 30 - June 2, 1998
J. Stachel, Meson Production from Nuclear Fireballs at AGS and SPS Energies (invited talk)
62. International Nuclear Physics Conference, Paris, August 24-28, 1998
J. Stachel, Towards the Quark-Gluon Plasma (invited talk).
63. CERN Summer School, St. Andrews, August 24 - September 4, 1998
J. Stachel, Heavy Ion Collisions (invited lecture).
64. 20th International School of Nuclear Physics, Erice, September 17-25, 1998
J. Stachel, Particle Production and Dynamical Evolution in Ultra-Relativistic Nuclear Collisions (invited talk).
65. RHIC Winter Workshop at LBNL – Prospects for Year One Physics at RHIC, Berkeley, January 7-9, 1999
J. Stachel, Freeze-out and expansion dynamics in AGS and SPS heavy ion collisions (invited talk).
66. ECT Trento, Workshop on Dilepton production and properties of vector mesons in hot and dense matter, Trento, March 15-26, 1999
J. Stachel, Perspectives for the CERES experiment.
67. DPG Frühjahrstagung Teilchenphysik, Heidelberg, April 15-19, 1999
J. Stachel, Towards the Quark-Gluon Plasma (invited talk).
68. DPG Frühjahrstagung Physik der Kerne und Hadronen, Freiburg, April 22-26, 1999
J. Stachel, Towards the Quark-Gluon Plasma (invited talk).
69. Workshop on Relativistic heavy ion collisions and quark matter physics, Wuhan, China, April 5-8, 1999
J. Stachel, Experimental results from AGS and SPS (invited talk).
70. Quarkmatter '99, Torino, Italy, May 10-15, 1999
J. Stachel, Predictions for hadron yields at RHIC from a thermal model.
71. QCD and Mutiparticle Production, XXIX International Symposium on Multiparticle Dynamics, Providence, Rhode Island, USA, August 9-13, 1999
J. Stachel, Minireview of heavy ion physics and future prospects (a summary talk).
72. Workshop on flow and strangeness production in heavy ion collisions from relativistic to ultra-relativistic energies, Obernai, France, September 27-28, 1999
J. Stachel, Particle procution and collective flow: experimental overview of AGS and SPS.

73. Workshop on hadrons in dense matter, Institute for Nuclear Theory, University of Washington, Seattle, March-June 2000
J. Stachel, CERES results on lepton pairs and chiral restoration.
74. CERN/GANIL Theory Workshop "Dynamics and Thermodynamics of Heavy Ion Collisions, April 12-13, 2000
J. Stachel, Experimental Evidence for the creation of quark matter.
75. Seventh International Conference on Nucleus-Nucleus Collisions, July 3-7, 2000, Strasbourg, France
J. Stachel, An investigation of thermal charm production in nuclear collisions at SPS energies.
76. Workshop on QCD in a Nuclear Environment, August 3-5, 2000, Regensburg, Germany
J. Stachel, Measurement of charmonia in PbPb collisions at LHC energy.
77. 5th Nordic Summer School Nuclear Physics, Hilleroed, Denmark, 14-25 August 2000
J. Stachel, Ultrarelativistic Collisions, 4 lectures.
78. XXIX International Meeting on Fundamental Physics, February 5-9, 2001, Sitges, Spain
J. Stachel, The little bang in the laboratory: studying the quark-gluon plasma via high energy heavy ion collisions
79. North West Europe Nuclear Physics Conference, April 17-20, 2001, Bergen, Norway
J. Stachel, The quark-gluon plasma (invited talk).
80. Workshop on Thermalization in Heavy Ion Collisions, June 11-15, 2001, Institute for Nuclear Theory, Trento, Italy
J. Stachel, Strangeness and Charm production at AGS and SPS energies.
81. Workshop on Thermalization and Chemical Equilibraton in Heavy Ion Collisions at RHIC, July 20-21, 2001, Brookhaven National Lab., USA
J. Stachel, Hadronization and strangeness production in heavy ion collisions from AGS to SPS to collider energies.
82. Workshop on High Level Triggers in ALICE, CERN, July 2001
J. Stachel, leptonic charm and beauty physics and trigger prospects.
83. International Workshop on the Physics of the Quark-Gluon Plasma, September 4-7, Palaiseau, France
J. Stachel, Hadronization and strangeness production in heavy ion collisions from AGS to SPS to collider energies.

84. Fourth International Conference on Physics and Astrophysics of the Quark-Gluon Plasma, Nov. 26-30, 2001, Jaipur, India
J. Stachel, Thermal Models of Particle Production.
85. Cracow Epiphany Conference on Quarks and Gluons in Extreme Conditions, Jan. 3-6, 2002, Cracow, Poland
J. Stachel, New Results from the CERES/NA45 Experiment.
86. International Workshop XXX on Gross Properties of Nuclei and Nuclear Excitations, Jans. 13-19, 2002, Hirschegg
J. Stachel, the QCD Phase Transition and Observables from SPS to LHC.
87. 5th Moscow International ITEP School of Physics, Feb. 20-28, 2002, Otradnoje, Russia
J. Stachel, Heavy Ion Physics.
88. Status-Seminar 'Hadronen- und Kernphysik, 8.3.2002, Köln
J. Stachel, Eigenschaften der Kernmaterie unter extremen Bedingungen hoher Temperaturen und Dichten.
89. 2002 Gordon Conference on Nuclear Chemistry: Nuclear Reactions, June 16-21, 2002, New London, USA
J. Stachel, B. Erazmus, R. Lacey, Is there evidence for the formation of the QGP?
90. ECT Training Program on Hot and Dense QCD, July 29 - August 2, 2002, Trento, Italy
J. Stachel, Ultra-relativistic Heavy Ion Experiments: Soft Probes.
91. EPS12, General Conference, Trends in Physics, August 26-30, 2002, Budapest, Hungary
J. Stachel, Deconfined nuclear matter, what have we learnt from the SPS?
92. International Workshop "Strong and Electroweak Matter 2002" October 2-5, 2002, Heidelberg, Germany
J. Stachel, Minibang in the laboratory: Heavy ion collisions at the SPS and outlook for LHC.
93. ITP-RCNP Workshop Chiral Restoration in Nuclear Medium, Oct. 7-9, 2002, Kyoto, Japan
J. Stachel, CERES results: Vector-mesons in heavy-ion Collisions.
94. NS/RIKEN Joint International Workshop Physics of QCD Many Body Systems, November 5-6, 2002, Tokyo, Japan
J. Stachel, Physics with the ALICE Transition Radiation Detector.

95. XXXXIX Karpacz Winter School of Theoretical Physics 'Foundatons of Quark-Gluon Plasma', Ladek Zdroj, Poland, February 2-12, 2003
J. Stachel, Thermal Hadron Production and Statistical Charmed Hadron production (3 invited lectures).
96. 7th International Conference on Strangeness in Quark Matter, Atlantic Beach, NC, USA, March 12-17, 2003
J. Stachel, Thermal models - conventional view (invited talk).
97. "The First Three Years of Heavy Ion Physics at RHIC", Workshop at the Institute for Nuclear Theory, Seattle, April 2003
J. Stachel, Hadron yields and statistical model.
98. Fourth International Conference on Perspectives in Hadronic Physics, Trieste, Italy, May 12-16, 2003
J. Stachel, Quark-gluon plasma: facts and facets (invited opening lecture).
99. 25th Int. School of Nuclear Physics, Erice, Italy, Sept. 16-24, 2003
J. Stachel, Particle production at SPS energies (invited talk).
100. International Workshop "Tracing Deconfinement in Nucleus-Nucleus Collisions", ECT Trento, Italy, April 24-29, 2004
J. Stachel, Chemical freeze-out and the QCD phase transition.
101. International Symposium "the QCD phase diagramme: from theory to experiment", Skopelos, Greece, May 29 - June 2, 2004
J. Stachel, Equilibration near the phase boundary.
102. EPS Conference on Nuclear Physics, Prague, Czech Republic, August 23-27, 2004
J. Stachel, Dilepton Measurements in High Energy Heavy Ion Collisions (invited talk)
103. Deutsche Physikerinnentagung, Aachen, November 4-5, 2004
J. Stachel, The Little Bang in the Laboratory (invite talk)
104. Hirchegg 2005, Jan. 17-21, 2005
105. ICPAQGP 2005, Kolkata, India, Feb. 8-12, 2005
J. Stachel, Experimental Summary Talk.
106. Trento, Italy, June 2-8, 2005. J. Stachel, New Results on Dileptons from CERES (invited talk).
107. Lepton-Photon, Uppsala, Sweden, July 1-6, 2005
J. Stachel, Has the Quark-Gluon Plasma been seen? (invited plenary talk)

108. EPS Einstein, Bern, Switzerland, July 11-15, 2005
J. Stachel, Quark-Gluon Plasma Physics (invited plenary talk).
109. 3rd International Workshop on TRD's for the 3rd Millennium, Ostuni, Italy, September 7-10, 2005
J. Stachel, Detector and Physics Performance of the ALICE TRD (invited talk).
110. TRD workshop Cheile Gradistei, Romania, September 25-28, 2005
J. Stachel, The ALICE Transition Radiation Detector TRD.
111. International Symposium on Heavy Ion Physics, Frankfurt, Germany, April 3-6, 2006
J. Stachel, Di-Lepton Production from SPS to ALICE (invited talk).
112. Int. Workshop Frontiers in QCD, DESY Sept. 20-23, 2006
J. Stachel, Studying the Quark-Gluon Plasma in the Laboratory (invited talk).
113. Workshop on High Energy Heavy Ion Physics, Seoul, Korea, September 29-30, 2006
J. Stachel, Exploring the QGP at LHC with Hard Probes.
114. SPSC workshop on results of the CERN SPS fixed target heavy ion program, CERN, Switzerland, October 3, 2006
J. Stachel, Results from CERES/NA45.
115. Int. Workshop High Energy Physics in the LHC ERA, Valparaiso, Chile Dec. 11-15, 2006
J. Stachel, Exploring the QGP at LHC with Hard Probes in ALICE (invited talk).
116. 3rd ALICE physics week, Münster, Germany, February 12-16, 2007
J. Stachel, Transition from J/ψ suppression to enhancement as a proof of deconfinement.
117. Int. Conf. on Nuclear Physics in Astrophysics III, Dresden, Germany, March 26-31, 2007
J. Stachel, Ultra-relativistic heavy ion collisions - probing the Big Bang on the microsecond scale (invited talk).
118. 31st International Johns Hopkins Workshop, Heidelberg, Germany, August 2-4, 2007
J. Stachel, Challenges for Heavy Ion Physics at the LHC (invited talk).
119. Heavy Ion Physics Perspectives, VISIM workshop, Bad Liebenzell, Germany, Sept. 12-14, 2007
J. Stachel, Hard probes to diagnose the QGP at the LHC (invited talk).

120. Meeting of the Polish Academy of Science, Breslau, Poland, October 12, 2007
J. Stachel, Relativistic Nuclear Collisions - a Quark Matter Factory (invited talk).
121. Int. Symposium on Modern Trends in Nuclear Physics, GSI, Germany, October 18-20, 2007
J. Stachel, Exploring the QGP with ALICE at the LHC (invited talk).
122. Jahrestagung Komitee für Hadronen und Kerne, GSI, Germany, October 25-26, 2007
J. Stachel, Exploring the QGP with ALICE at the LHC.
123. 46th Wilhelm und Else Heraeus Seminar 'Physics on the Terascale', Bad Honnef, April 29, 2008
J. Stachel, Exploring the Quark-Gluon Plasma with ALICE at the LHC (invited talk).
124. Int. Workshop on 'the statistical model of hadron formation and the nature of the qCD hadronization process, ECT* Trento, Italy, Sept. 1-5, 2008
J. Stachel, Collisional Equilibration in AA collisions near the QCD phase boundary (invited talk).
125. Int. School of Nuclear Physcs, 30th course 'Heavy Ion Collisions from the Coulomb Barrier to the Quark-Gluon Plasma', Erice, Italy, September 17-24, 2008
J. Stachel, Exploring the Quark-Gluon Plasma with ALICE at the LHC (invited talk).
126. Int. EMMI Worshop 'Quark-Gluon Plasma meets Cold Atoms', GSI Darmstadt, September 25-27, 2008
J. Stachel, Diagnosing the Quark-Gluon Plasma with experiments at RHIC and LHC (invited talk).
127. Int. Workshop 'Jean Zinn-Justin ou les 2 infinis, Journee Jean Zinn-Justin, Saclay, France, September 29, 2008 J. Stachel, ALICE on the eve of first collisions (invited talk).
128. Int. Workshop 'Extra-Strong Quark-Gluon Plasma', Stony Brook, USA, October 2-4, 2008
J. Stachel, Probing the Quark-Gluon Plsama with hard probes at the LHC (invited talk).
129. Int. Conference 'the Legacy of Edoardo Amaldi in Science and Society', Rome, Italy, October 23-25, 2008
J. Stachel, High Energy Heavy Ion Collisions (invited talk).
130. 48th RNM meeting, GSI Darmstadt, February 12, 2009
J. Stachel, Thermal particle production: the horn revisited.

131. Int. EMMI Workshop 'Phase Transitions', Münster, February 18-20, 2009
J. Stachel, Thermal particle production: the horn revisited.
132. Quantum Field Theory in Extreme Environments : an international workshop and symposium to celebrate the 60th birthdays of Jean-Paul Blaizot and Larry McLerran, CEA Saclay, April 23-25, 2009
J. Stachel, Probing the Quark-Gluon Plasma with hard probes at the LHC (invited talk).
133. Heavy Ion Forum, CERN, June 29, 2009
J. Stachel, the Horn and the Unreasonable Success of the Thermal Model.
134. CATHIE-INT mini-program: Quarkonium in a Hot Medium - from QCD to Experiment, Seattle, June 16-20, 2009,
J. Stachel, Production of Charmed Hadrons by Statistical Hadronization of a Quark-Gluon Plasma (invited talk).
135. 15th International Symposium on Particles, Strings, and Cosmology, PASCOS 2009, DESY, Hamburg, July 7-10, 2009
J. Stachel, High Energy Heavy Ion Collisions from RHIC to ALICE (invited talk).
136. EMMI Workshop Wroczlaw and XXVI Max-Born Syposium: Three Days of Strong Interacions, July 9-11, 2009
J. Stachel, the Horn and the Unreasonable Success of the Thermal Model (invited talk).
137. EMMI Workshop 'Quarks, Hadrons and the Phase Diagram of QCD', St. Goar, August 31 - September 2, 2009
J. Stachel, Information on the Phase Boundary from Hadron Yields or the Unreasonable Success of the Thermal Model (invited talk).
138. Int. Conference Strangeness in Quarkmatter 2009, Buzios, Brazil, September 28 - October 2, 2009
J. Stachel, Information on the Phase Boundary from Hadron Yields or the Unreasonable Success of the Thermal Model (invited talk).
139. 30th International Workshop on Physics of High Energy Density in Matter, Hirschegg, January 18-22, 2010
J. Stachel, Hadron yields and the QCD phase diagram (invited talk).
140. Workshop on Dense Nuclear Matter 2010, Stellenbosch, South Africa, April 6-9, 2010
J. Stachel, Exotica at the Phase boundary - from Meson to Antihypernucleus Production in Central AA Collisions (invited talk).

141. EMMI Workshop Quarkonium and Deconfined Matter in the LHC Era, Martina Franca, Italy, June 16-18, 2010
J. Stachel, quarkonium in the ALICE central barrel (invited talk).
142. International Nuclear Physics Conference, Vancouver, Canada, July 5-9, 2010
J. Stachel, Strangeness Measurements with ALICE at the LHC.
143. Workshop on Dense Nuclear Matter 2010, ECT* Trento, Italy, July 19-23, 2010
J. Stachel, Exotica at the Phase boundary - from Meson to Antihypernucleus Production in Central AA Collisions (invited talk).
144. Int. Symposium Challenges in Nuclear Physics, Darmstadt, Oct. 14-15, 2010
J. Stachel, First Physics Results from ALICE at the LHC (invited talk).
145. Int. EMMI Workshop on Strongly Coupled Systems, GSI Darmstadt, Nov. 15-17, 2010
J. Stachel, First Physics Results from ALICE at the LHC (invited talk).
146. Crakow Warsaw Workshop on LHC Physics, Feb. 25, 2011
J. Stachel, First ALICE physics results for PbPb collisions at the LHC.
147. Quarkonia in Deconfined Matter, Acitrezza, Italy, Sept. 28-30, 2011
J. Stachel, Open heavy flavor production in ALICE and its connection to quarkonium production.
148. 8th Int. Workshop on Quarkonium, GSI, Germany, Oct. 6, 2011
J. Stachel, Charmonium Production via Statistical Hadronization.
149. Int. School for High Energy Nuclear Collisions, Wuhan, China, Oct. 31, 2011
J. Stachel, J/psi and Quarkonium as Probes of Deconfinement.
150. 28. Arbeitstreffen Kernphysik, Schleching, Feb. 16-23, 2012
J. Stachel, J/psi and Quarkonia as Probes of Deconfinement at LHC.
151. Symposium 'Symmetries and Phases in the Universe', Kloster Irsee, Feb. 28, 2012
J. Stachel, Investigating the Quark-Gluon Plasma at the LHC - First Results from ALICE.
152. EMMI Workshop on Relaxation, Turbulence, and Non-Equilibrium Dynamics of Matter Fields, Heidelberg, June 21-24, 2012
J. Stachel, First Results from ALICE on PbPb collisions at the LHC.
153. 36th International Conference for High Energy Physics, Melbourne, Australia, July 4-11, 2012
J. Stachel, Recent Results from Heavy Ion Collisions at the LHC (invited talk).

154. EMMI Workshop Quark Gluon Plasma Meets Cold Atoms - Episode 3, Hirschegg, Austria, August 26-31, 2012
J. Stachel, heavy quarks in a quark-gluon plasma at the LHC.
155. 34th International School of Nuclear Physics, probing the extremes of matter with heavy ions, Erice, Italy, September 17, 2012
J. Stachel, heavy quarks in a quark-gluon plasma at the LHC (invited talk).
156. LHC days in Split, Split, Croatia, Oct. 1-6, 2012
J. Stachel, recent results of ALICE: heavy quarks in a quark-gluon plasma at the LHC.
157. Fall meeting of the Division of Nuclear Physics of the American Physical Society, Newport Beach, USA, October 24-27, 2012
J. Stachel, recent results from heavy ion collisions at the LHC (invited talk).
158. EMMI Workshop Prospects and Challenges for Future Experiments in Heavy Ion Collisions, GSI, February 15, 2013
J. Stachel, future of heavy ion collisions at the LHC.
159. J/ψ to ee workshop, Tübingen, May 28, 2013
J. Stachel, Charmonia as probes of deconfinement: statistical hadronization vs. transport.
160. Strangeness in Quark Matter 2013
J. Stachel, Confronting LHC data with the statistical hadronization model (invited talk).
161. 9th Conference on relativistic aspects of nuclear physics, Rio de Janeiro, Brazil, September 23-27, 2013
J. Stachel, Charmonium production as probe of deconfinement - putting LHC results into perspective (invited talk).
162. 45 years of nuclear physics at Stony Brook: a tribute to Gerald E. Brown, Stony Brook, USA, November 24-27, 2013
J. Stachel, Charmonium and the quark-gluon plasma at the LHC.
163. Sapore Gravis Days, Nantes, France, December 2-5, 2013
J. Stachel, Charmonia as probes of deconfinement: statistical hadronization vs transport.
164. Workshop on 'Progress in Nuclear and Hadron Physics and Accelerator Related Sciences, Tsukuba, Japan, July 16, 2014
J. Stachel, Quarkonia as probe of deconfinement in high energy nuclear collisions (invited talk).

165. Workshop 'Heavy Ion Cafe', U. Tokyo, Japan, July 19, 2014
J. Stachel, Particle production in nuclear collisions and the QCD phase diagram.
166. 3rd International Conference on New Frontiers in Physics, Kolymbari, Greece, August 5, 2014
J. Stachel, Selected prospects in relativistic nuclear collisions at LHC (invited talk).
167. ECT* Workshop on QCD Hardronization and Statistical Model, Trento, Italy, October 6-10, 2014
J. Stachel, quarkonium production in nuclear collisions from deconfined quarks.
168. 11th ICFA Seminar on Future Perspective in High-Energy Physics, Beijing, China, Oct 28, 2014
J. Stachel, Quark-Gluon Plasma: from RHIC to LHC energies (invited talk).
169. Flow and heavy flavor in high energy heavy ion collisions: GRN workshop Inha University, South Korea, February 24-26, 2015
J. Stachel, quarkonium production in nuclear collisions from deconfined quarks.
170. DPG Frühjahrstagung, Heidelberg, Germany, March 24, 2015
J. Stachel, Exploring the QCD Phase Diagram at the LHC (invited plenary talk).
171. 12th International Conference on Nucleus-Nucleus Collisions, Catania, Italy, June 21-16, 2015
J. Stachel, Studying the Quark-Gluon Plasma in Nuclear Collisions at the LHC (invited talk).
172. Workshop on QCD Thermodynamics in High-Energy Collisions, Central China Normal University, China, July 27-31, 2015
J. Stachel, Heavy quarks in a QuarkGluon Plasma at the LHC.
173. International Workshop 'Selected topics on heavy flavor production in highenergy collisions' Tsinghua University, Beijing, China, September 24-25, 2015
J. Stachel, Charmonia probes for deconfined charm quarks in relativistic nuclear collisions.
174. 11th International Workshop on High pT Physics in the RHIC and LHC Era, Brookhaven National Laboratory, USA, April 12-15, 2016
J. Stachel, Quarkonia at LHC - probes for deconfined heavy quarks in relativistic nuclear collisions
175. Conference on Critical Point and Onset of Deconfinement CPOD 2016, Wroclaw, Poland, May 30 - June 4, 2016
J. Stachel, Quarkonium production at the phase boundary - a signal of deconfinement

176. International Workshop 'QCD Thermodynamics - pressure and passion', Schloss Waldthausen, Germany, August 24-26, 2016
J. Stachel, Statistical Hadronization at the Phase Boundary
177. XIIth Conference on Confinement and the Hadron Spectrum Thessaloniki, Greece, September 2, 2016
J. Stachel, Probing the QuarkGluon Plasma at the LHC with heavy flavor observables.
178. International Workshop 'Hadron Production and Fluctuations in High Energy Nuclear Collisions', Central China Normal University, Wuhan, October 18-21, 2016
J. Stachel, Production of lightquark hadrons in heavy ion collisions
J. Stachel, Production of heavy flavor hadrons
J. Stachel, Future Heavy Ion Physics Program at the LHC
179. 55th Int.Winterworkshop on Nuclear Physics Bormio, Italy, January 24, 2017
J. Stachel, Recent Results from ALICE on heavy flavor probes of the QuarkGluon Plasma.

Colloquia and Seminars

1. Kernfysisch Versneller Instituut, Groningen, 10.11.81
The onset of deformation in the mass region around $A=100$
2. GSI, Darmstadt, 17.12.81
Form und Struktur von neutronenreichen Kernen im Massenbereich $A \approx 100$
3. TU and LMU, München, 14.5.82
Triaxialität um $A=100$ - Was sagen uns elektromagnetische Momente über die Kerngestalt?
4. TH, Darmstadt, 28.10.82
Information über die Kernform aus elektromagnetischen Momenten
5. HMI, Berlin, 6.12.82
Triaxiale Kerndeformation im Massenbereich $A=100$
6. Universität Göttingen, 17.12.82
Kernstruktur des Übergangskerns ^{104}Ru
7. SUNY at Stony Brook, 26.4.83
Nuclear shape and structure around $A=100$

8. Yale University, 2.5.83
Nuclear shape and structure around $A=100$
9. Brookhaven National Laboratory, 17.5.83
Nuclear shape and structure around $A=100$
10. Lawrence Berkeley Laboratory, 11.10.83
Nuclear structure around $A=100$
11. Technion, Haifa, 16.1.84
Collectivity in subthreshold pion production
12. Weizman Institute of Science, Rehovot, 20.1.84
Collectivity in subthreshold pion production
13. Princeton University, 2/29/84
Collective structure around $A=100$
14. Rutgers University, 2/19/84
Collectivity in subthreshold pion production
15. Osaka University, 8/22/84
Cooperative effects in subthreshold pion production
16. CEN Saclay, 1/11/85
Pion production in heavy ion reactions close to absolute thresholds
17. SUNY Stony Brook, 1/23/85
Pion production - a probe for coherence in heavy ion collisions
18. NSCL Michigan State University, 2/6/85
Coherence in medium energy heavy ion collisions
19. Argonne National Laboratory, 2/18/85
Pion production as a probe for coherence in heavy ion collisions
20. Brookhaven National Laboratory, 5/14/85
Pion production as a probe for coherence in heavy ion collisions
21. MIT Boston, 10/22/85
Pion and photon production in low energy heavy ion collisions
22. Brookhaven National Laboratory, Chemistry Dept. Colloquium, 12/18/85
Pion and photon production - a probe for coherence in medium energy heavy ion collisions
23. SUNY Stony Brook, 3/4/86
High energy photons from intermediate energy nucleus-nucleus collisions

24. University of Pennsylvania, 3/27/86
Photon and Pion production in intermediate energy heavy ion collisions
25. University Giessen, Germany, 1/27/87
The Brookhaven relativistic heavy ion program
26. Max-Planck Institut für Kernphysik, Heidelberg, Germany, 1/28/87
The Brookhaven relativistic heavy ion program
27. GSI Darmstadt, Germany, 1/29/87
Experiment 814 at the Brookhaven AGS
28. Oak Ridge National Lab., 4/16/87
Study of central and extremely peripheral collisions in relativistic heavy ion collisions
29. GANIL, France, 7/12/88
The Brookhaven Relativistic Heavy Ion Program
30. GSI Darmstadt, Germany, 4/18/89
Recent Results from BNL Relativistic Heavy Ion Experiment E814.
31. University of Arizona, Tucson, Colloquium, 11/1/89
Search for the Quark-Gluon Plasma at Brookhaven National Laboratory
32. University of Arizona, Tucson, 11/2/89
Recent results from experiment 814
33. Kent State University, Acron, Colloquium, 10/17/91
The Little Bang: Hot, Dense Matter via Relativistic Nuclear Collisions
34. TUNL, Durham, 11/7/91
Hot and Dense Nuclear Matter from Relativistic Heavy Ion Collisions
35. Program Initiation Group for Nuclear and High Energy Physics, NRC, Washington, 11/17/91
Review: Nuclear Physics since the Brinkman Report.
36. SUNY Stony Brook, Nuclear Theory Seminar, 12/5/91
Baryon Distributions from 14.6 GeV/nucleon Heavy Ion Collisions.
37. Inst. f. Theoretische Physik, Universität Frankfurt, Colloquium, 12/13/91
Recent Results from Brookhaven AGS Experiment 814.
38. SUNY Stony Brook, Colloquium, 4/7/92
Relativistic Heavy Ion Physics at the AGS: Results and Future Perspectives

39. Rutgers University, Colloquium, 4/15/92
Relativistic Heavy Ion Physics at the AGS: Results and Future Perspectives
40. Caltech, Nuclear Physics Seminar, 6/5/92
Recent Results from the Brookhaven Relativistic Heavy Ion Program.
41. Brown University, Colloquium, 10/23/92
The Mini-Bang: Creating Hot and Dense Matter in Ultra-Relativistic Nuclear Collisions.
42. SUNY Binghamton, Colloquium, 11/16/92
Recreating the Big Bang in the Laboratory - Ultra-Relativistic Heavy Ion Collisions.
43. University Freiburg, Germany, Colloquium, 2/1/93
Erzeugung von heißer und dichter hadronischer Materie in ultrarelativistischen Kern-Kern Stößen.
44. LAMPF, Colloquium, 6/9/93
The Little Bang: Hot and Dense Matter via Relativistic Nuclear Collisions.
45. Kernforschungsanlage Jülich, Germany, Colloquium, 6/16/93
Erzeugung von heißer und dichter hadronischer Materie in ultrarelativistischen Kern-Kern Stößen.
46. NSF/DOE Summer School on Nuclear Physics Research, North Carolina State University, Raleigh, July 1993
J. Stachel, Relativistic Nuclear Collisions.
47. University Heidelberg, Germany, Colloquium, 12/17/93
Erzeugung von heißer und dichter hadronischer Materie im ultrarelativistischen Schwerionenstoß
48. University Mainz, Germany, Colloquium, 12/21/93
Erzeugung von heißer und dichter hadronischer Materie im ultrarelativistischen Schwerionenstoß
49. University of Minnesota, Minneapolis, Nuclear and High Energy Physics Seminar, 2/16/94
Ultra-relativistic Heavy Ion Collisions - Results from the AGS Fixed Target Program and Prospects for RHIC.
50. Argonne National Laboratory, Physics Dept. Colloquium, 2/18/94
The Little Bang: Creating Hot and Dense Hadronic Matter in the Laboratory.
51. University Heidelberg, Germany, Seminar, 6/24/94
Erste Ergebnisse von Ultrarelativistischen Kollisionen der Schwersten Kerne.

52. University of Rochester, Nucl. Physics Seminar, 12/8/94
Information about nuclear fireballs created in ultra-relativistic nucleus-nucleus collisions from hadron distributions.
53. Michigan State University, Phys. Dept. Colloquium, 2/7/95
The Little Bang: Nuclear Fireballs Created in Ultra-Relativistic Heavy Ion Collisions.
54. Ohio State University, Nucl. Physics Seminar, 5/8/95
Matter at Extreme Density and High Temperature Created in High Energy Heavy Ion Collisions.
55. SUNY Stony Brook, Joint BNL - Columbia U. - Stony Brook U. Nuclear Theory Seminar, 12/15/95
Equilibration in Ultrarelativistic Nuclear Collisions.
56. Inst. für Theoretische Physik, Universität Heidelberg, Seminar, 1/29/96
Hadron Production in Ultra-Relativistic Nuclear Collisions.
57. Subatech Nantes, Seminar, 4/11/1996
Testing Equilibration in Ultra-Relativistic Heavy Ion Collisions.
58. Physikalisches Kolloquium der Universität Dortmund, 1/7/1997
Relativistische Schwerionenkollisionen und der Phasenübergang zu Quarkmaterie.
59. Physikalisches Kolloquium der Universität Giessen, 1/20/1997
Relativistische Schwerionenkollisionen und der Phasenübergang zu Quarkmaterie.
60. Physikalisches Kolloquium der Universität Frankfurt, 1/29/1997
Relativistische Schwerionenkollisionen und der Phasenübergang zu Quarkmaterie.
61. Gemeinsames Kolloquium Forschungszentrum Karlsruhe und Universität Karlsruhe, 2/4/1997
62. Palaver Physikalisches Institut der Universität Heidelberg, 2/10/1997
Perspektiven in relativistischer Schwerionenphysik.
63. Seminar DESY, Hamburg, 2/18/1997
Ultrarelativistic Heavy Ion Collisions and the QCD Phase Transition.
64. Kolloquium Universität Augsburg, 2/24/1997
Relativistische Schwerionenkollisionen und der Phasenübergang zu Quarkmaterie.
65. CERN Heavy Ion Colloquium, 5/26/1997
Tests for Equilibration in High Energy Heavy Ion Collisions.

66. Kolloquium der Universität Stuttgart, 6/10/1997
Kollisionen ultra-relativistischer Schwerionen und der QCD Phasenuebergang zum Quark-Gluon-Plasma
67. Physikalisches Kolloquium der Universität Heidelberg, 7/4/1997
Kollisionen relativistischer Schwerionen und der Quark-Hadron Phasenübergang
68. Physikalisches Kolloquium der Universität Basel, 11/21/1997
Studium des QCD Phasenübergangs in Kollisionen der schwersten Atomkerne
69. Physikalisches Kolloquium der Universität Tübingen, 12/17/1997
Kollisionen relativistischer Schwerionen und der Quark-Hadron Phasenübergang
70. Physikalisches Kolloquium der Universität Dresden, 1/13/1998
Kollisionen relativistischer Schwerionen und der Quark-Hadron Phasenübergang
71. Seminar Kernforschungszentrum Rossendorf, 1/14/1998
Expansion und Fluß in Kollisionen der schwersten Atomkerne bei hohen Energien
72. Kolloquium der Technischen Universität Darmstadt, 1/23/1998
Kollisionen hochenergetischer Schwerionen und der QCD Phasenübergang
73. Colloquium University of Ghent, 3/5/1998
Exploring the QCD Phase Transition in High Energy Nuclear Collisions
74. Kolloquium bei GSI, Darmstadt, 6/30/1998
Physics with Ultra-Relativistic Heavy Ions: Status and Perspective
75. Workshop on High Energy Heavy Ion Collisions at MPI, Heidelberg, 7/2/98
Physics with Ultra-Relativistic Heavy Ions: Status and Perspective
76. Kolloquium Universität Bonn, 12/4/1998
Kollisionen hochenergetischer Atomkerne und der QCD Phasenübergang
77. Colloquium NIKHEF Amsterdam, Netherlands, 26/2/1999
Towards the Quark-Gluon Plasma
78. Kolloquium Universität Göttingen, 5/31/1999
Towards the Quark-Gluon Plasma
79. Graduiertenkolleg theoretische Kernphysik der Universitäten Regensburg und Erlangen, Regensburg, 6/16/1999
Die Physik des CERES Experiments
80. Kolloquium Forschungszentrum Jülich, 9/10/1999
Relativistische Schwerionenkollisionen und der Phasenübergang zu Quarkmaterie

81. CERN Seminar on occasion of press release concerning "New State of Matter",
2/10/2000
Virtual and real photons radiated by the cooling and hadronizing fireball
82. Kolloquium Universität und ETH Zürich, 4/19/2000
Mit relativistischen Kern-Kern-Stößen zum Quark-Gluon Plasma
83. Seminar des Graduiertenkolleg Elementarteilchenphysik, Universität Mainz, 6/28/2000
Dileptons, Chiral Symmetry, and the Quark Gluon Plasma
84. Physikalisches Kolloquium Universität Heidelberg, 7/15/2000
Mit relativistischen Kern-Kern-Stößen zum Quark-Gluon-Plasma
85. CERN Heavy Ion Forum, 3/14/2001
Charm and statistical hadronization: analysis of SPS data and outlook for future colliders
86. Physikalisches Kolloquium Universität Köln, 5/15/2001
Mit relativistischen Kern-Kern-Stößen zum Quark-Gluon-Plasma
87. National Institute for Physics and Nuclear Engineering, Bucharest, Romania,
2/8/2002
Physics with the ALICE Transition Radiation Detector
88. Festkolloquium, Forschungszentrum Rossendorf, 3/1/2002
Messung von Leptonenpaaren und die Wiederherstellung der chiralen Symmetrie.
89. Physikalisches Kolloquium der Universität Stuttgart und des Max-Planck Instituts
für Metallforschung, 4/23/2002
Ultra-relativistic nuclear collisions - the Little Bang in the Laboratory.
90. Physikalisches Kolloquium der LMU und TU München, 5/27/2002
Formation of the Quark-Gluon Plasma in relativistic nuclear collisions.
91. Colloquium KEK, Tsukuba, Japan, 10/10/2002
New Physics Opportunities with the ALICE.
92. Physics Colloquium University of Tokyo, 10/11/2002
Minibang in the Laboratory: Heavy Ion Collisions at the SPS and Outlook for LHC.
93. Intern. Graduiertenkolleg, Univ. Giessen, 12/05/2002
CERES Results: Vector Meson Production and Dynamical Evolution in Heavy Ion Collisions.
94. GSI Kolloquium, 1/27/2004
Relativistic Nuclear Collisions and the QCD Phase Boundary.

95. Physikalisches Kolloquium, Universität Ulm, 5/10/2004
Der Urknall im Labor - Kollisionen zwischen i ultra-relativistischen Atomkernen
96. Physikalisches Kolloquium, Universität Bielefeld, 6/7/2004
Urknall im Labor und die Phasengrenze zur Quark-Gluon Welt.
97. CERN Summer Student Lectures, July, 2004
High Energy Heavy Ion Collisions.
98. Bucharest, NIPNE, October 25, 2004
The Alice TRD
99. Uppsala University, Particle Physics Seminar, December 7, 2004
100. CERN Summer Student Lectures, July 25/26, 2005
Quark Gluon Plasma Physics.
101. Grad. Kolleg Workshop der Teilchenphysik RWTH Aachen, Bad Honnef, August 22, 2005
The Quark-Gluon Plasma.
102. Physikalisches Kolloquium, RWTH Aachen, November 28, 2005
The Little Bang in the Laboratory: Creating the Quark-Gluon Plasma
103. Teilchenphysikalisches Seminar, TU Dresden, July 19, 2007
Exploring the QGP at LHC with ALICE.
104. ECFA meeting, Berlin, October 5, 2007
Physics with High Energy Heavy Ions
105. Physikalisches Kolloquium, Universität Würzburg, Jan. 28, 2008
The Little Bang in the Laboratory: Creating the Quark-Gluon Plasma.
106. Eröffnungsvortrag 12. Deutsche Physikerinnentagung und Physikalisches Kolloquium, Universität Münster, November 6, 2008
The Little Bang in the Laboratory: Creating the Quark-Gluon Plasma.
107. Physikalisches Kolloquium, Johannes Gutenberg Universität Mainz, November 25, 2008
The Little Bang in the Laboratory: Creating the Quark-Gluon Plasma.
108. Physikalisches Kolloquium, Ruprecht-Karls Universität Heidelberg, January 23, 2009
The Little Bang in the Laboratory: Creating the Quark-Gluon Plasma.
109. Kolloquium, Max Planck Institut für Radioastronomie, Bonn, February 13, 2009
The Little Bang in the Laboratory: Creating the Quark-Gluon Plasma.

110. Physikalisches Kolloquium, Universität Dresden, July 12, 2011
Investigating the Quark-Gluon Plasma at the LHC: First Results from ALICE.
111. Physikalisches Kolloquium, KIT Karlsruhe, October 28, 2011
Investigating the Quark-Gluon Plasma at the LHC: First Results from ALICE.
112. Physikalisches Kolloquium, Universität Bochum, January 9, 2012
Investigating the Quark-Gluon Plasma at the LHC: First Results from ALICE.
113. Max-von-Laue Kolloquium, Berlin, May 4, 2012
das Wunderland von ALICE am LHC: Quantenflüssigkeiten aus Quarks und Gluonen.
114. Colloquium Jefferson National Laboratory, Newport News, USA, August 22, 2012
Studying the Quark-Gluon Plasma in Nuclear Collisions at the LHC.
115. Physikalisches Kolloquium, Universitaet Wien, Nov. 30, 2012
the wondrous world of quantum liquids of quarks and gluons - results from ALICE.
116. Festkolloquium GSI, Dec. 19. 2012
the wonderland of ALICE at the LHC - quantum liquids of quarks and gluons.
117. Physikalisches Kolloquium, Universität Saarbrücken, April 18, 2013
Die wundersame Welt von Quantenflüssigkeiten aus Quarks und Gluonen: Erste Resultate von ALICE am LHC.
118. Physics Colloquium, Ecole Polytechnique Lausanne, April 29, 2013
The wondrous world of quantum liquids of quarks and gluons - results from ALICE.
119. Physikalisches Kolloquium, Universität Dortmund, January 7, 2014
Die wundersame Welt von Quantenflüssigkeiten aus Quarks und Gluonen: Erste Resultate von ALICE am LHC.
120. Particle Physics Seminar, U. Brussels, February 14, 2014
Exploring the QCD Phase Diagram at the LHC.
121. Seminar on Physics of the Quark-Gluon Plasma, U. Heidelberg, July 6, 2016
Quarkonia as probes of deconfinement at the LHC - experimental data and phenomenology.

Events for the General Public

1. Reise zum Urknall, Teilchenphysik, Hadronen- und Kernphysik, Berlin, April 3-9, 2000
J. Stachel, Urknall im Labor.
2. Gerd-Bucerius Lecture, Bucerius Law School, Hamburg, 3/5/2003
Das Quark-Gluon Plasma; Schluesselfragen der Teilchenphysik
3. Hospitalhof Suttgart, öffentlicher Abendvortrag, 10/1/2003
In der Hitze von 100 000 Sonnen
4. Integra Symposium 2004, Mannheim, 6/3/2004
Teilnahme Podiumsdiskussion: Bildung, Menschlichkeit und Persönlichkeit
5. Öffentlicher Abendvortrag Senden, 6/2005
Reise zum Urknall
6. Festveranstaltung zum 125-jährigen Bestehen des Spohngymnasium, 10/2006
Reise zum Urknall
7. Journalistenreise zum CERN, 11/1/2006
die deutschen Beiträge zu den LHC Experimenten
8. Einweihung der BMBF Forschungsschwerpunkte, 2/2/2007
Der BMBF Forschungsschwerpunkt ALICE
9. Talk im Hirsch, Schwetzingen, February 4, 2009
Der LHC und der Urknall im Labor
10. Humboldttag, Universität Heidelberg, June 30, 2011
Bridging the Gaps between Cultures and Disciplines.
11. Eröffnung der Ausstellung Weltmaschine, GSI, August 26, 2011
LHC - die Maschine zur Erforschung von wissenschaftlichem Neuland.
12. Eröffnung der Ausstellung Weltmaschine, Tübingen, January 11, 2012
LHC - die Maschine zur Erforschung von wissenschaftlichem Neuland.
13. Vortragsreihe über das Nichts, Stadtgalerie Saarbrücken, January 19, 2017
Reise zum Urknall.
14. International Seminar "For a Next Generation of World-Wide Leading Engineers",
Institute of Innovative Science and Technology, Nagasaki Institute of Applied Science, Nagasaki, March 21, 2017
Ensuring the physics education for a next generation of world-wide leading scientists and engineers - some lessons from Germany

15. Lise-Meitner Lecture, Plenarvortrag, Frühjahrstagung der DPG, Münster, March 28, 2017
Erforschung von Urknallmaterie an der Weltmaschine LHC.