

# Publications

Peter Braun-Munzinger

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1. Investigation of ( $^3\text{He}, ^3\text{He}$ )- and ( $^3\text{He}, t$ )- Reactions on  $^{10}\text{B}$ ,  $^{11}\text{B}$ , and  $^{13}\text{C}$ , F. Nüsslin and P. Braun-Munzinger, *Z. Physik*, **240**(1970)217
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459. S. Acharya *et al.* [ALICE Collaboration], Two particle differential transverse momentum and number density correlations in p-Pb and Pb-Pb at the LHC, arXiv:1805.04422 [nucl-ex].
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491. S. Acharya *et al.* [ALICE Collaboration], Real-time data processing in the ALICE High Level Trigger at the LHC, arXiv:1812.08036 [physics.ins-det].
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500. F. Antinori *et al.*, Thoughts on opportunities in high-energy nuclear collisions, arXiv:1903.04289 [hep-ph].
501. S. Acharya *et al.* [ALICE Collaboration], Measurement of  $p\bar{\Lambda} \oplus \bar{p}\Lambda$  and  $\Lambda\bar{\Lambda}$  interactions with femtoscopic correlations in Pb–Pb collisions at  $\sqrt{s_{NN}} = 2.76$  TeV and  $\sqrt{s_{NN}} = 5.02$  TeV, arXiv:1903.06149 [nucl-ex].
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511. S. Acharya *et al.* [ALICE Collaboration], Study of the  $\Lambda$ - $\Lambda$  interaction with femtoscopy correlations in pp and p-Pb collisions at the LHC, arXiv:1905.07209 [nucl-ex].
512. S. Acharya *et al.* [ALICE Collaboration], Inclusive  $J/\psi$  production at mid-rapidity in pp collisions at  $\sqrt{s} = 5.02$  TeV, arXiv:1905.07211 [nucl-ex].
513. S. Acharya *et al.* [ALICE Collaboration], Scattering studies with low-energy kaon-proton femtoscopy in proton-proton collisions at the LHC, arXiv:1905.13470 [nucl-ex].
514. S. Acharya *et al.* [ALICE Collaboration], Measurement of the inclusive isolated photon production cross section in pp collisions at  $\sqrt{s} = 7$  TeV, [arXiv:1906.01371 [nucl-ex]].
515. S. Acharya *et al.* [ALICE Collaboration], Multiplicity dependence of light (anti-)nuclei production in p-Pb collisions at  $\sqrt{s_{NN}} = 5.02$  TeV, arXiv:1906.03136 [nucl-ex].
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517. P. Braun-Munzinger, A. Rustamov and J. Stachel, The role of the local conservation laws in fluctuations of conserved charges, arXiv:1907.03032 [nucl-th].
518. S. Acharya *et al.* [ALICE Collaboration], Measurement of  $\Upsilon(1S)$  elliptic flow at forward rapidity in Pb-Pb collisions at  $\sqrt{s_{NN}} = 5.02$  TeV, arXiv:1907.03169 [nucl-ex].
519. S. Acharya *et al.* [ALICE Collaboration],  ${}^3_{\Lambda}\text{H}$  and  ${}^3_{\Lambda}\bar{\text{H}}$  lifetime measurement in Pb-Pb collisions at  $\sqrt{s_{NN}} = 5.02$  TeV via two-body decay, arXiv:1907.06906 [nucl-ex].
520. S. Acharya *et al.* [ALICE Collaboration], Multiplicity dependence of (multi-)strange hadron production in proton-proton collisions at  $\sqrt{s} = 13$  TeV, arXiv:1908.01861 [nucl-ex].

## Invited Talks

1. June 1972 Is there a Selectivity in the ( $^{16}\text{O},^{12}\text{C}$ ) Reaction on the Argon Isotopes?, European Conference on Nuclear Physics, Aix-en-Provence, France.
2. March 1973 Interference effects in the inelastic scattering of  $^{16}\text{O}$  on  $^{17}\text{O}$  and  $^{18}\text{O}$ , Symposium on Heavy-Ion Transfer Reactions, Argonne National Laboratory, March 1973.
3. Oct. 1977 Anomalous Large Angle Scattering of Heavy Ions, International Symposium on Heavy Ion Scattering, Rochester, N.Y., USA.
4. April 1978 Anomalous Large Angle Scattering, APS Spring Meeting, Washington
5. June 1980 Spin Determinations for Heavy Ion Resonances, International Conference on the Resonant Behavior of Heavy Ion Systems, Aegean Sea, Greece.
6. Oct. 1981 Intermediate and Fine Structure Studies in the System  $^{16}\text{O} + ^{12}\text{C}$ , International Workshop on Resonances in Heavy Ion Collisions, Bad Honnef, Germany.
7. July 1982 Gross, Intermediate and Fine Structure in Heavy Ion Reactions, International Enrico Fermi Summer School, Varenna, Italy.
8. March 1983 Quasimolecular States and Nuclear Structure: an Experimental Survey, International Conference on Heavy Ion Nuclear Physics, Catania, Italy.
9. April 1983 Dynamics of Quasielastic Excitations in the System  $\text{Kr} + \text{Pb}$  at  $E_{lab} > 10$  MeV/u, International Conference on Nuclear Physics with Heavy Ions, Stony Brook, USA.
10. Aug. 1983 Experimental Study of Nuclear Structure Effects on Sub-Barrier Fusion, General Meeting, American Chemical Society, Washington, D.C., USA.
11. Oct. 1983 Pion Production in Heavy Ion Collisions at Energies near the Absolute Threshold, Fall Meeting, American Physical Society, South Bend, USA.
12. Oct. 1983 Pion Production in Heavy Ion Collisions at  $E_{lab}=35$  MeV/u : A Cooperative Process, Symposium on Pion Production in Heavy Ion Collisions, Caen, France.
13. June 1984 Pion Production in Heavy Ion Collisions near the Kinematic Limit, Gordon Conference on Nuclear Chemistry, Colby College, New Hampshire, USA.
14. July 1984 Collective Effects in Nucleus-Nucleus Pion Production at Low Energies, Gordon Conference on Nuclear Structure, Tilton, New Hampshire, USA.
15. Dec. 1984 Excitation of Exotic States in Extremely Peripheral Heavy Ion Collisions at Relativistic Energies, Heavy Ion Users Meeting, Brookhaven National Laboratory, Upton, USA.



16. Jan. 1985 Channel Effects on Sub-Barrier Fusion Reactions, International Workshop on Gross Properties of Nuclei and Nuclear Excitations, Hirschegg, Austria.
17. Feb. 1985 Pion Production in Nucleus-Nucleus Collisions, Bevalac Users Meeting, Lawrence Berkeley Laboratory, Berkeley, USA.
18. March 1985 Nuclear Elastic Scattering, Niels Bohr Centennial Symposium, Copenhagen, Denmark.
19. May 1985 Low Energy Heavy Ion Reactions : From Phase Space to Coherence, International Conference on Nuclear Physics with Tandems, Legnaro, Italy.
20. Aug. 1985 Pion Production in Nucleus-Nucleus Collisions, Lectures at the NATO Nuclear Physics Summer School, Dronnten, The Netherlands.
21. Oct. 1985 Pion Production in Heavy Ion Collisions, XII. ECCONUR Conference, Neve Ilan, Israel.
22. Feb. 1986 Physics Prospects with Relativistic Heavy Ions, Colloquium, University of Pittsburgh.
23. Oct. 1986 Pions and High Energy Photons: Probes of Heavy Ion Reaction Mechanisms, Inauguration of the Chalk River Superconducting Cyclotron, Chalk River, Canada.
24. Oct. 1986 Subbarrier Fusion and Physics of Peripheral and Central Collisions between Relativistic Heavy Ions, Lectures at the International School of Heavy Ion Physics, Erice, Italy.
25. April 1987 Pion and High Energy Photon Emission in Intermediate Energy Heavy Ion Reactions, American Chemical Society Symposium, Denver, Colorado.
26. April 1987 Emission of High Energy Photons in Heavy Ion Reactions, American Physical Society Spring Meeting, Plenary Paper.
27. May 1987 Review of Photon and Pion Production in Heavy Ion Collisions, Workshop on Future Research in Heavy Ion Reactions, Kernfysisch Versneller Instituut, Groningen, The Netherlands.
28. May 1987 High Energy Photon Emission, 4th Gull Lake Meeting, Gull Lake, Michigan
29. August 1987 First Results from the E814 Collaboration on Transverse Energy Distributions, Quark Matter 1987, Nordkirchen, W. Germany
30. April 1988 Transverse Energy Distributions and Hadronic Fireballs Workshop on Relativistic Nuclear Collisions, Erice, Italy
31. May 1988 Stopping and Thermalization in Nucleus-Nucleus Collisions at AGS Energies, 5th Gull Lake Meeting, Gull Lake, Michigan
32. July 1988 Photon and Pion Production in Intermediate Energy Nucleus-Nucleus Collisions: from N-N Collisions to the Statistical Limit, Cluster '88, Kyoto, Japan

33. Sept. 1988 Current Experimental Status in Ultrarelativistic Nucleus-Nucleus Collisions, Quark Matter '88, Lenox, Massachusetts
34. Oct. 1988 Stopping in Ultrarelativistic Nucleus-Nucleus Collisions, Hadronic Matter in Collision, Tucson, Arizona
35. Oct. 1988 Ultrarelativistic Nucleus-Nucleus Collisions, Colloquium, McGill University, Montreal, Canada
36. Feb. 1989 Searching for Quark Matter in Ultrarelativistic Nucleus- Nucleus Collisions, Colloquium, SUNY, Buffalo
37. Aug. 1989 Photon and Pion Production in Intermediate Energy Nucleus Nucleus Collisions, Intern. Nuclear Physics Conf., Sao Paulo, Brazil
38. Oct. 1989 Ultrarelativistic Nucleus-Nucleus Collisions, Colloquium, Florida State University, Tallahassee
39. Feb. 1990 Prospects in Ultrarelativistic Nucleus-Nucleus Collisions, Colloquium, Yale University
40. July 1990 An Experiment to Measure High pt Photons, Dileptons and Jets at RHIC, RHIC Workshop, BNL
41. Aug. 1990 Lectures on Relativistic Heavy Ion Collisions, International NATO Summer School, Dronten, The Netherlands
42. Sept. 1990 Ultrarelativistic Nuclear Collisions-Results and Prospects Colloquium, Rutgers University
43. Dec. 1990 Measuring Photons and Dilepton Pairs at RHIC, Colloquium, University of Giessen
44. Mar. 1991 Tales/Sparhc - A Photon/Dielectron Experiment at RHIC, Colloquium, CIAE, Beijing, China
45. Mar. 1991 Tales/Sparhc - A Photon-Dielectron Experiment at RHIC, Colloquium, IMP, Lanzhou, China
46. Apr. 1991 Tales/Sparhc - A Photon/Dielectron Experiment at RHIC, Colloquium, Kurchatov Institute of Nuclear Physics, Moscow, USSR
47. Apr. 1991 Recent Results from AGS Heavy Ion Experiments, XXI. International School for Theoretical Physics, Zakopane, Poland
48. Jan. 1992 Experimental Considerations to Measure Thermal Photons from the QGP, International Workshop XX, Gross Properties of Nuclei and Nuclear Excitations, Hirschegg, Austria, Jan. 1992
49. Sept. 1992 Photon and Dilepton Measurements with the PHENIX Experiment at RHIC, Colloquium, Michigan State University

50. Oct. 1992 Creating Hot and Dense Matter in the Laboratory by Collisions of Ultrarelativistic Nuclei, Invited Paper, APS New York Section Meeting, Brookhaven National Laboratory
51. April 1993 Transverse Energy Production in Au+Au Collisions at the AGS, APS Spring Meeting Invited Paper, Washington, DC
52. Jun. 1993, Production and Diagnostics of Hot and Dense Matter in Ultrarelativistic Heavy Ion Collisions, Seminar, Universität Bonn, Germany
53. Jun. 1993, Thermal Photons, A Probe for the QGP at RHIC, Colloquium, St. Petersburg Nuclear Physics Institute, Gatchina, Russia
54. Oct. 1993 Compression, Expansion and Freeze-out in Nucleus-Nucleus Collisions at the AGS, Invited Paper, Nato Advanced Study Institute on Hot and Dense Nuclear Matter, Bodrum, Turkey
55. Dec. 1993 Diagnostics of Hot and Dense Matter formed in Ultrarelativistic Nucleus-Nucleus Collisions, Colloquium, University of Darmstadt, Germany
56. May 1994 New Results from E877 for Au+Au and Au+U Collisions at AGS Energy, Seminar, University of Frankfurt, Germany
57. Aug. 1994 Summary Talk, Workshop on Physics with PHENIX, Brookhaven National Laboratory, August 31, 1994
58. Sep. 1994 Towards Thermal Equilibrium: Evolution of Particle Distributions from pp to AuAu Collisions at AGS Energy, CORINNE II Workshop, Nantes, France
59. Nov. 1994 Survey of AGS Experimental Results with Heavy Beams and Lessons for RHIC, Talk given at the "RHIC Semi-annual Review", Brookhaven National Laboratory
60. Jan. 1995 Particle Spectra and Correlations from Experiment E877: Information on Freeze-out and Beyond, Invited Paper, International Workshop XXIII on Gross Properties of Nuclei and Nuclear Excitations, Hirschegg, Austria
61. Jan. 1995 The RHIC Scientific Program, Invited Talk, NSAC/DNP Town Meeting on "High Energy Nucleus-Nucleus Collisions", Brookhaven National Laboratory
62. May 1995 Creation of Hot and Dense Matter by Ultrarelativistic Nucleus-Nucleus Collisions at AGS Energy, Talk at "Graduierantenkolloq", GSI, Germany
63. May 1995 Ultrarelativistic Nuclear Collisions, Lecture Series at Giessen University, Giessen, Germany
64. July 1995 Formation and Diagnosis of Hot and Dense Matter in Ultrarelativistic Nuclear Collisions, Invited Talk, Nuclear Physics Gordon Conference, Tilton, NH
65. Aug. 1995 Equilibrated Exotic Fireballs from Ultrarelativistic Nucleus-Nucleus Collisions, Invited Talk, INPC, Beijing, China

66. Sep. 1995 Survey of Direct Photon Production from pp to AA, Invited Talk, II SHIPA Symposium, Lanzhou, China
67. Sep. 1995 A High Resolution Calorimeter for Ultrarelativistic Nucleus-Nucleus Collisions, Invited Talk, TAPS Meeting, Bosen, Germany
68. Dec. 1995 Mini-Fireballs in Nucleus-Nucleus Collisions: Messengers of the Phase Boundary between the Hadronic World and the QGP, Colloquium, Wayne State University, Detroit, MI.
69. März 1996, Feuerbälle an der Phasengrenze zum Quark-Gluon Plasma, Kolloquium, Max-Planck-Institut für Kernphysik, Heidelberg.
70. März 1996, Thermal and Chemical Equilibrium in Ultrarelativistic Nuclear Collisions, Int. Conference on Nuclear Physics at the Turn of the Century, Wilderness, South Africa.
71. April 1996, Feuerbälle an der Phasengrenze zum Quark-Gluon Plasma, Kolloquium, TH Darmstadt.
72. April 1996, The Physics of Coulomb Corrections in Hanbury-Brown Twiss Interferometry, Rhein-Neckar-Main Meeting, GSI.
73. June 1996, Experimental Summary of Quark-Matter 1996, Open Session of CERN SPSLC, CERN, Geneva, Switzerland.
74. June 1996, Thermalization in Ultrarelativistic Nucleus-Nucleus Collisions, Rhein-Neckar-Main Meeting, Frankfurt.
75. Sep. 1996, Physics of Ultrarelativistic Nuclear Collisions, Lecture Series, International Summer School on Nuclear Physics, Prague, Czech Republic.
76. Sep. 1996, The Physics of Coulomb Corrections in Hanbury-Brown Interferometry, Workshop HBT '96, Particle Interferometry in High Energy Heavy Ion Collisions, Trento, Italy.
77. Sep. 1996, Electron Physics with the ALICE Detector, ALICE Collaboration Meeting, Lund, Sweden.
78. Oct. 1996, Equilibrated Fireballs at the Phase Boundary to the QGP, Research Workshop "Heavy Ion Physics at Low, Intermediate and Relativistic Energies using  $4\pi$  Detectors", Poiana Brasov, Romania.
79. Oct. 1996, Nuclear Collisions at High Baryon Density and GSI Future, NUPECC Town Meeting, Torino, Italy.
80. Dec. 1996, Experimental Status of Ultrarelativistic Nuclear Collisions, 25th INS Symposium, Institute for Nuclear Studies, Tokyo, Japan.
81. Produktion und Diagnostik heißer Feuerbälle mit ultrarelativistischen Kern-Kern Stößen, Plenarvortrag, DPG Frühjahrstagung, Göttingen, Feb. 1997.

82. Experimental Status of Ultrarelativistic Nuclear Collisions, Colloquium, Lund University, Feb. 1997.
83. Thermalization and Flow in Ultrarelativistic Heavy Ion Collisions, Int. Conf. on Physics and Astrophysics of the QGP, Jaipur, India, March 1997.
84. The Thermal Model and Particle Production, Workshop on Thermalization in Relativistic Nucleus-Nucleus Collisions, Trento, Italy, April 1997.
85. Big Bang Physik im Labor, Vorlesungsreihe "Was steckt dahinter?", TH Darmstadt, Darmstadt, Germany, April 1997.
86. Experimental Status of Ultra-relativistic Nuclear Collisions, Colloquium, Cracow Section of the Polish Physical Society, Cracow, Poland, May 1997.
87. Recent Results on Flow, HBT, and Thermalization from Experiment E877 at the AGS, Seminar, ITP, University of Frankfurt, Frankfurt, Germany, June 1997.
88. From the Big Bang to the QGP: The Physics of Ultra-relativistic Nuclear Collisions, Lectures at the "Graduiertenkolleg, Regensburg, Germany, June 1997.
89. Review of Di-Lepton Production in Hadron-Hadron and Nucleus-Nucleus Collisions, Journee Thematique, Orsay, Sep. 1997.
90. Dielectron Physics Potential of the ALICE Detector, ALICE week, CERN, Nov. 1997
91. Experimental Overview, Quark Matter '97 Conference, Tsukuba, Japan, Dec. 1997
92. Thermalization and Flow in Ultra-relativistic Nuclear Collisions, 11th Chris Engelbrecht Summer School in Theoretical Physics, Cape Town, South Africa, Feb. 1998
93. Dielectron Measurements with the Central ALICE Detector, ALICE week, CERN, March 1998
94. Chemical Equilibration in Ultra-Relativistic Nucleus-Nucleus Collisions, International Symposium on Phase Transitions, Les Houches, France, April 1998
95. Dilepton Emission from SIS to LHC Energies, Heavy Ion Forum, Cern, June 1998
96. Dilepton Emission, A Probe for Hot, Partonic Fireballs at LHC Energy, Heavy Ion Symposium, MPI für Kernphysik, Heidelberg, July 1998
97. Physics with the ALICE Detector at the LHC, GSI Kolloquium, July 1998
98. Physics with Leptonic Probes at Collider Energies, International School on Nuclear Physics, "Heavy Ion Collisions from Nuclear to Quark Matter", Erice, Italy, Sep. 1998
99. Where do we go from here?, Summary, SPS Heavy Ion Workshop, Chamonix, France, Sep. 1998
100. Dielectron Strategy with the ALICE Detector, ALICE week, CERN, Sep. 1998

101. Thermalization in Nucleus-Nucleus Collisions, International Workshop on Phase Transitions in Nuclear Matter, Copenhagen, Nov. 1998
102. Quark-Gluon Plasma, Kolloquium, TU-München, Nov. 1998
103. Directed and Elliptic Flow in Ultra-Relativistic Nuclear Collisions, Kernphysikalisches Kolloquium, Uni. Frankfurt, Jan. 1999
104. Dilepton Physics at Collider Energies, Seminar, Uni. Regensburg, Feb. 1999
105. Di-lepton Physics at the LHC, International Workshop on Electromagnetic Probes of In-Medium Effects of Strongly Interacting Systems, ECT, Trento, Italy, March 1999
106. Physics with ALICE at the LHC, Workshop on Relativistic Heavy Ion Collisions and Quark Matter Physics, Wuhan, China, April 1999
107. Open Charm Production at SPS Energies, Workshop on Relativistic Heavy Ion Collisions and Quark Matter Physics, Wuhan, China, April 1999
108. Heavy Ion Physics at the LHC, QM99 Conference, Torino, Italy, May 1999
109. Towards Quark Matter, PANIC 99 Conference, Uppsala, Sweden, June 1999
110. Quarkmaterie und der Urknall, Saturday Morning Physics, Darmstadt, June 1999
111. Studium von Urknallmaterie mit Kollisionen zwischen schweren Atomkernen, Lehrerfortbildungstagung, Bad Honnef, June 1999
112. Towards Quark Matter, ENPE Conference, Sevilla, Spain, June 1999
113. On Charm at SPS Energy, Charm Fest, CERN, Dec. 2 - 3, 1999
114. Quarkmaterie und der Urknall, Saturday Morning Physics, Darmstadt, Nov. 1999
115. The Elusive Equation of State, Summary, EOS2000 Workshop, GSI, Feb. 2000
116. Ultra-Relativistic Nuclear Collisions and the Equation of State, Institute for Nuclear Theory Workshop on QCD at High Baryon Density, Seattle, USA, Feb. 2000
117. Reise zum Urknall, Podiumsdiskussion unter Moderation von Ranga Yogeshwar, Jahr der Physik Veranstaltung "Kern- und Teilchenphysik", Berlin, April 2000
118. Towards Quark Matter, Kolloquium, GSI, May 2000
119. Towards Quark Matter, Kolloquium, Zeuthen, May 2000
120. The Elusive Equation of State, Heavy Ion Forum, Cern, June 2000
121. Chemical Equilibration and the Quark-Hadron Phase Transition, CRIS2000 Conference, Catania, Italy, June 2000
122. (Non)-Statistical Production of  $J/\psi$  Mesons and a New Look at  $J/\psi$  Suppression in Nucleus-Nucleus Collisions, RNM Meeting, Darmstadt, July 2000.

123. Mesons in a Quark Soup: Experiments at the Phase Boundary, Nuclei and Nucleons Symposium, Darmstadt, Oct. 2000.
124. Towards Quark Matter, Kolloquium, TUD, Nov. 2000.
125. Charm Production at Collider Energies, BNL Town Meeting, Jan. 2001.
126. Alice Physics Prospects, Yale Symposium for Jack Sandweiss, March 2001.
127. Charm, Beauty, and Quarkonia Production in Nuclear Collisions from SPS to LHC Energy, Teilchenkolloquium, Universität Heidelberg, May 2001.
128. Charm and Beauty Production in Nuclear Collisions, Trento Workshop on Strangeness Production in Nuclear Collisions, Trento, June 2001.
129. Charm, Beauty, and Quarkonium Production from SPS to Collider Energies, Thermal Fest, Brookhaven National Laboratory, July 2001.
130. Particle Ratios, Equilibration, and the QCD Phase Boundary, 6th International Conference on Strange Quarks in Matter: 2001: A Flavorspace Odyssey (SQM2001), Frankfurt, Germany, 25-29 Sep 2001.
131. Charm and Beauty Hadrons produced by Statistical Recombination, A New Process, Epiphany 2002 Meeting, Cracow, Jan. 2002.
132. Towards the Quark-Gluon Plasma, Colloquium, Nuclear Science Division, Berkeley, Ca, April 2002.
133. Charmonia Production at RHIC and LHC, Seminar, Nuclear Science Division, Berkeley, Ca, April 2002.
134. The ALICE TPC, Status and Technical Progress, Nuclear Science Division, Berkeley, Ca, April 2002.
135. Has the QGP been observed?, Round Table Discussion, Symposium on QCD in the RHIC Era, St. Barbara, Ca, April 2002.
136. Statistical and Dynamical Aspects of Ultra-relativistic Nuclear Collisions, Ole Hansen Fest, Niels Bohr Institute, Copenhagen, May 2002.
137. Chemical Equilibration in Relativistic Nuclear Collisions, Gordon Conf. Nucl. Chemistry, New London, NH, June 2002.
138. Hard Processes in Ultra-Relativistic Nuclear Collisions, Lectures, ECT Doctoral Training Program 2002, Hot and Dense QCD, Trento, July 2002.
139. Heavy Quark Production from SPS to LHC, RIKEN-CNS Symposium on Ultra-Relativistic Nuclear Collisions, Tokyo, Nov. 2002.
140. The Physics of Compressed Baryon Matter, CBM Workshop, GSI, Nov. 2002.
141. Reise zum Urknall, Saturday Morning Physics, Darmstadt, Nov. 2002.

142. Creating Little bangs with Big Nuclei: in hot pursuit of the QCD phase transition, Teilchenkolloquium, Univ. Heidelberg, Nov. 2002.
143. Transverse Dynamics at RHIC, summary talk, workshop on transverse dynamics at RHIC energy, BNL, March 6-8, 2003.
144. The Physics of Dense Matter and Quark Gluon Plasma, Lecture series, VIII Hispalensis Summer School on Exotic Nuclear Physics, Sevilla, June 2003.
145. Heavy Quark and Quarkonia Production in Ultra-Relativistic Nuclear Collisions, “From Nuclear to Quark Matter”, Erice, Sep. 2003.
146. What have we learned, what remains to be done?, Summary talk, Quark Matter 2004 conference, Oakland, USA, January 2004.
147. Chemical freeze-out and the QCD phase transition, Nuclear Theory seminar, GSI, Jan. 2004.
148. Nucleus-Nucleus collisions and the QCD phase transition, Colloquium, Helsinki, Finland, Feb. 2004.
149. Physics at High Baryon Density, invited talk, workshop on “Phases of QCD”, Skopelos, Greece, May 2004.
150. Physics at High Baryon Density and the GSI FAIR Project, invited talk, NSAC subcommittee on Relativistic Nuclear Collisions, BNL, June 2004.
151. Ultra-relativistic nuclear collisions and the QCD phase boundary, invited talk, INPC2004 conference, Goeteborg, June 2004.
152. Nucleus-nucleus collisions, equilibration, and the QCD phase boundary, seminar, Tübingen, June 2004.
153. Nuclear Collisions at Ultra-relativistic Energies and the QCD Phase transition, Invited Talk, Sino-German Workshop on QCD at High Energies/Frontiers in QCD, Beijing, China, Sep. 2004.
154. Chemical Freeze-out and the QCD Phase Boundary, Invited Talk, SQM2004 Meeting, Cape Town, South Africa, Sep. 2004.
155. The ALICE Experiment at the CERN LHC, Talk at the Inauguration of the NIPNE Detector Lab., Bucharest, Romania, Oct. 2004.
156. Heavy Ion and Hadron Physics at GSI-Fair, Challenges for Lattice QCD, Invited Paper, Workshop on Quantum Fields in the Era of Teraflop Computing, Bielefeld, Germany, Nov. 2004.
157. Der Urknall im Labor, Saturday Morning Physics Vortrag, Darmstadt, Germany, Dec. 2004.



158. Particle production and the QCD phase transition, Invited talk, ICPAQGP, Kolkata, India, Feb. 2005.
159. Ultrarelativistic nuclear collisions and the QCD phase boundary, Colloquium, Muenchen, July 2005.
160. Ultrarelativistic nuclear collisions, Lecture series, 6th Nordic Summer School in Nuclear Physics, Hilleroed, Danmark, Aug. 2005.
161. Quarkonia production at RHIC and prospects for LHC, Invited talk, ALICE physics week, Erice, Italy, Dec. 2005.
162. Ultra-relativistic nuclear collisions and the QCD phase boundary, colloquium, Mainz, Feb. 2006.
163. Thermalization, hadronization, and the QCD phase boundary, Invited talk, SQM2006 conference, Los Angeles, CA, March 2006.
164. Der Urknall im Labor: Erforschung von Urknallmaterie mit Schwerionenstoessen, Vorlesungsreihe im Studienstiftungs-Kolleg, Bad Honnef, April 2006.
165. Prospects and challenges for strong interaction physics with FAIR, Graduiertenkolleg Tuebingen-Basel, Basel, May 2006.
166. Statistical hadronization and quarkonia production at RHIC and LHC, Heavy Ion Forum, CERN, July 2006.
167. Relativistic nucleus-nucleus collisions and the QCD phase boundary, Heavy Ion Physics symposium, Seoul, Korea, Sep. 2006.
168. Relativistic nucleus-nucleus collisions, Studienstiftungskolleg, Saarbruecken, Oct. 2006.
169. Quarkonia production in the statistical hadronization model, RNM meeting, GSI, Darmstadt, Nov. 2006.
170. Quarkonium production at RHIC and prospects for LHC, plenary talk, QM2006 conference, Shanghai, Nov. 2006.
171. Quarkonium production and the statistical hadronization model, Workshop on Heavy Flavor, Tsinghua university, Beijing, China, Nov. 2006.
172. Der Urknall im Labor, Saturday Morning Physics, TU Darmstadt, Dec. 2006.
173. Quarkonium production in nucleus-nucleus collisions from FAIR to LHC energy, Workshop on physics in the LHC era, Valparaiso, Chile, Dec. 2006.
174. Review of models for quarkonium production in ultra-relativistic nuclear collisions, ALICE physics week, Muenster, Feb. 2007.

175. Charmonium, bound state of QCD, probe for QGP, Studienstiftungskolleg, Bochum, March 2007.
176. Production of open and hidden charm hadrons from SIS to LHC energy, VISIM meeting on charmonia, GSI Darmstadt, April 2007.
177. Hadron production in ultra-relativistic nuclear collisions and the QCD phase boundary, II. Workshop on Collective Dynamics in Ultra-relativistic Nuclear Collisions, Berkeley, Ca, May 2007.
178. The quest for the quark-gluon plasma, Symposium in Honor of R. Bock's 80th Birthday, GSI Darmstadt, May 2007.
179. Prediction of thermal hadron production in Pb-Pb collisions at LHC energy, CERN focus week on predictions for LHC, Geneva, May 2007.
180. Prediction of open and hidden charm production in Pb-Pb collisions at LHC energy, CERN focus week on predictions for LHC, Geneva, May 2007.
181. Quarkonium production from SIS100 to LHC energy, Workshop on Relativistic Nuclear Physics, Kiev, June 2007.
182. Charmonium and Open Charm from SIS300 to SPS Energy, ViSim Meeting, Bad Liebenzell, Sep. 2007.
183. Charmonium - an exotic bound state, a tool to probe the Quark-Gluon Plasma, Special Session of the Polish Physical Society, Wroclaw, Oct. 2007.
184. Relativistic Nuclear Collisions and the QCD Phase Boundary, Symposium on Symmetries and Phases in the Universe, Kloster Irsee, June 2008.
185. Charmonium and Open Charm from SIS300 to LHC energy, Heräus workshop on "Heavy Quarks in Relativistic Nuclear Collisions", Bad Honnef, June 2008.
186. Ultra-relativistic Nuclear Collisions, 3 Lectures at the XX Indian Summer School, Rez, Aug. 2008.
187. Charmonium Production in Ultra-Relativistic Nuclear Collisions and the Quark-Gluon Plasma, 30th Erice School on Heavy Ion Physics from the Coulomb Barrier to the Quark-Gluon Plasma, Erice, Sep. 2008.
188. Charmonium production in ultrarelativistic nuclear collisions, ESQGP Meeting, Stony Brook, Oct. 2-3, 2008.
189. Charmonium production from FAIR to LHC energies, SQM2008 Conference, Beijing, Oct. 7, 2008.
190. The FAIR Facility, Status and Physics Prospects, IEEE Nuclear Science Symposium, Plenary Talk, Dresden, Oct. 2008.

191. Charmonium production as a probe for deconfinement, 8th Workshop on Rel. Nuclear Collisions, Rio de Janeiro, Nov. 3 - 6, 2008.
192. ALICE@LHC: status, plans and physics prospects, ISHIP2 meeting, GSI, November 17-20, 2008.
193. Lessons from RHIC and Discovery Potential at LHC, CERN SPC meeting, Dec. 9, 2008.
194. Reise zum Urknall, Saturday Morning Physics, TU Darmstadt, Dec. 13, 2008.
195. Resultate von RHIC und Pläne für Quarkmateriestudien mit ALICE am LHC, Kolloquium, Univ. Giessen, Feb. 2, 2009.
196. Hadron production in ultra-relativistic nuclear collisions and the QCD phase boundary, Symposium on dense baryonic matter, GSI, March 9, 2009.
197. Heavy quarks, quarkonia, and the quark-gluon plasma, student program, QM2009 conference, March 29, 2009, Knoxville, USA.
198. Hadron production in ultra-relativistic nuclear collisions and the QCD phase boundary, symposium on quantum field theories in extreme environments, Paris, April 23-25, 2009.
199. Relativistic nuclear collisions, 6 lectures, doctoral training program on “Strongly correlated Quantum Systems”, ECT\*, Trento, April 27 -29, 2009.
200. Lessons from RHIC and Discovery Potential at LHC, 2nd Cracow-Warsaw workshop on LHC physics, Warsaw, May 18, 2009.
201. Statistical hadronization, charmonia, and the QCD phase boundary, ECT\* workshop on charmonia in the QGP, D. Blaschke, P. Crochet, R. Rapp, organizers, Trento, May 25-29, 2009.
202. Hadron production in ultra-relativistic nuclear collisions and the QCD phase boundary, CPOD09 symposium, BNL, June 2009
203. Relativistic Nuclear Collisions, FIAS colloquium, Frankfurt, June 18, 2009.
204. Quarkonia and the Quark-Gluon Plasma, EMMI and XXVI Max Born workshop, Wrocław, July 2009.
205. The ALICE experiment at LHC, status and plans, plenary talk, LP09 conference, Hamburg, Aug. 2009.
206. ALICE@LHC, detector status and physics plans, RNC seminar, LBNL, Berkeley, Sep. 22, 2009.
207. Charmonium, a special bound state, a probe for deconfinement in ultra-relativistic nuclear collisions, colloquium, nuclear science division, LBNL, Berkeley, Sep. 23, 2009.

208. On local equilibration in ultra-relativistic nuclear collisions, panel discussion, SQM2009, Buzios, Brazil, Sep. 28, 2009.
209. Physics of ultra-relativistic nuclear collisions, Minerva-Gentner Symposium 2009: experiment confronts string theory, Berlin, Oct. 13, 2009.
210. Reise zum Urknall, Saturday Morning Physics Darmstadt, Dec. 2009.
211. Investigating Quark Matter with the ALICE Experiment at the LHC: from a conceptual design to first data, colloquium, Regensburg, Feb. 8, 2010.
212. Hadron production and the QCD phase diagram, Symposium 'Riding the Crest of QCD', Yale, March 12, 2010.
213. Establishing scientific collaborations and networks: views from a physicist, invited presentation, Polish Academy of Arts and Sciences, Cracow, May 12, 2010.
214. Charm quarks, quarkonia and statistical hadronization, EMMI workshop on quarkonia in the LHC era, Martina Franca, June 16, 2010.
215. Exploring new territory with the ALICE experiment at the LHC, GSI colloquium, June 22, 2010.
216. Particle production from  $e+e-$  to AA collisions: hadronization or production at the QCD phase boundary, Heraeus seminar on extreme QCD, Bad Honnef, June 23, 2010.
217. Nuclear physics, present and future, opening talk, INPC 2010 conference, Vancouver, Canada, July 5, 2010.
218. Hadron production from  $e+e-$  to AA collisions: hadronization and the QCD phase boundary, ECT\*/EMMI workshop on 'Chiral symmetry and confinement in cold dense quark matter', Trento, July 21, 2010.
219. Charm quarks, quarkonia, and statistical hadronization from FAIR to LHC, HCBM workshop, Budapest, Aug. 17, 2010.
220. The ALICE TPC, design, commissioning and first results with 7 TeV LHC pp collisions, International Workshop on Linear Colliders IWLC2010, Geneva, Oct. 20, 2010.
221. Extreme matter: heavy flavor quarks and the quark-gluon plasma, RQW2010 meeting, Nantes, October Nov. 2010.
222. Extreme matter: from cold quantum gases to QGP via black holes, HGS-HIRe graduate days, Hanau, Oct. 2010.
223. Extreme matter: from cold quantum gases to the quark-gluon plasma via black holes, Int. Symposium on New Phases of Atomic Nuclei, Okinawa, Nov. 2010.
224. Charmonium production at the QCD phase boundary, 6th ICPAQGP conference, Goa, India, Dec. 8, 2010.

225. ALICE in Wonderland; first results from the ALICE experiment at the LHC, plenary talk, DPG Frühjahrstagung “Hadronen und Kerne”, Münster, Germany, March 23, 2011.
226. Urknall im Labor: Studium von Urknallmaterie mit dem ALICE Experiment am CERN Large Hadron Collider, Lions Club Selfkant, April 14, 2011.
227. Charmonium production from SPS to LHC energy, International workshop “Three days on Quarkyonic Island”, Wroclaw, Poland, May 19-21, 2011.
228. Lectures on “Charmonium Production and the Quark-Gluon Plasma”, 51 Cracow School of Theoretical Physics, June 11-19, 2011, Zakopane, Poland.
229. Investigation of strongly coupled matter with ALICE at the LHC: a nearly ideal fluid of deconfined quarks and gluons, physics colloquium, University of Bonn, July 8, 2011.
230. Charmonium production: from a gleam in the eye to 1st measurements at the LHC, opening lecture, 486. WE-Heraeus seminar on ‘Characterization of the Quark-Gluon Plasma with Heavy Quarks’, Bad Honnef, July 11 - 15, 2011.
231. Charmonium production and statistical hadronization, 486. WE-Heraeus seminar on ‘Characterization of the Quark-Gluon Plasma with Heavy Quarks’, Bad Honnef, July 11 - 15, 2011.
232. Charmonium production, statistical hadronization, and LHC data, SQM2011 conference, Krakow, Poland, Sep. 19 - 24, 2011.
233. Quarkonium production, statistical hadronization, and first LHC data, EMMI workshop on “quarkonia in a deconfined medium”, Acitrezza, Italy, Sep. 28-30, 2011.
234. Quark Matter Research: The High Energy Frontier, ICFA Meeting, CERN, Oct. 3-6, 2011.
235. Diagnosing the QGP with ALICE@LHC, Invited Lecture, International School on High Energy AA Collisions, Wuhan, China, Oct. 31, 2011.
236. Reise zum Urknall, Invited Lecture, Saturday Morning Physics, TU Darmstadt, Nov. 26, 2011.
237. Nucleus-Nucleus collisions at the LHC: from a gleam in the eye to quantitative investigations of the Quark-Gluon Plasma, Key-note lecture at: Einweihung des neuen Bielefelder GPU Clusters Bielefeld, Jan. 25, 2012.
238. International collaborations, a view from a physicist, keynote talk, 7th Int. Symposium on Neuroprotection, Neurorepair 2012, May 2 - 5, 2012, Potsdam, Germany.
239. Charmonium production, statistical hadronization, and LHC data, lecture, 4th Berkeley school on collective dynamics in relativistic nuclear collisions, LBNL, Berkeley, May 14, 2012.

240. Charmonium production, statistical hadronization and LHC data, Invited lecture, Nucleus-Nucleus 2012 Conference, San Antonio, TX, May 29, 2012.
241. Quo vadis ultra-relativistic nuclear collisions: results and prospects at the LHC, ICFP2012 conference, Kolymbari, Crete, June 16, 2012.
242. The statistical model at the LHC, oral presentation, QM2012 conference, Washington, D.C. Aug. 2012.
243. Charmonium production, statistical hadronization, and LHC data, xQCD2012 conference, Washington, D.C., Aug. 22, 2012.
244. Thermodynamics of the fireball formed in ultra-relativistic nuclear collisions, EMMI workshop 'QGP meets cold gases, episode III', Hirschegg, Austria, Aug. 28, 2012.
245. Bulk matter formed in Pb–Pb collisions at the LHC, 34th course in nuclear physics 'Probing the Extremes of Matter with Heavy ions', Erice, Sicily, Sep. 17, 2012.
246. Report from the 'summer conferences': ICHEP2012, QM2012, ESPP Symposium, Cracow, presentation to SPC meeting, CERN, Sep. 18, 2012.
247. ALICE results, bulk matter, LHC Days 2012, Split, Croatia, Oct. 2, 2012.
248. Quarkonia, experimental results, Symposium on "Hot Topics in Hot Matter", Weizmann Institute of Science, Rehovot, Oct. 17-18, 2012.
249. Quark-gluon plasma studies with Pb-Pb beams at the LHC, status and prospects, DESY physics seminar, Hamburg, Nov. 6, 2012.
250. Reise zum Urknall, Invited Lecture, Saturday Morning Physics, TU Darmstadt, Nov. 17, 2012.
251. Quark-gluon plasma Research in Europe - Status and Prospects Symposium on Physics, Energy, Computing, and Cities (SPECC-2018), Brooklyn, NY, USA, Dec. 17, 2012.
252. The 'Strong Interactions' section in the ESG Briefing book, talk at the European Strategy Meeting, Erice, Jan. 21, 2013.
253. QGP- Introduction and connections, IOP Meeting, Liverpool, Jan. 30, 2013.
254. Quark-gluon plasma research with Pb beams at the LHC – status and prospects, Froehlich lecture, Physics Dept., University of Liverpool, Liverpool, Jan. 30, 2013.
255. Heavy Ion Physics at the LHC: Physics Prospects beyond 1/nb, LHC France 2013 meeting, Annecy, France, April 6, 2013.
256. Relativistic nuclear collisions and the equation of state of dense matter, 5 lectures, Marie Curie training program, ECT\*, Trento, May 14-17, 2013.
257. Sundry topics on quarkonium, statistical hadronisation and LHC data, topical meeting on  $J/\psi \rightarrow e^+e^-$ , Tübingen, May 27-28, 2013.

258. Relativistic nuclear collisions: main goals, recent achievements, and future opportunities, IUPAP WG9 meeting, Frascati, May 31, 2013.
259. Relativistic nuclear collisions: main goals, recent achievements, and future opportunities, opening lecture, ICFNP conference, Kolymbari, Crete, Greece, Aug. 29, 2013.
260. The statistical model in Pb-Pb collisions at the LHC, 9th RANP conference, Rio de Janeiro, Brazil, Sep. 23-27, 2013.
261. Quark-gluon plasma investigations with hard probes in relativistic nuclear collisions, lecture series, Ecole Joliot-Curie 2013, Villa Clythia, Frejus, Oct. 2-5, 2013.
262. The charmonium story – from Debye screening to (re-)combination of deconfined heavy quarks, EMMI workshop, LBNL, Berkeley, Ca., Nov. 21, 2013.
263. Hadron production in nuclear collisions and the QCD phase boundary, workshop 'remembering Gerry Brown', Stony Brook, Nov. 24, 2013.
264. From quantum liquids to deconfined heavy quarks: the strange world of ultra-relativistic nuclear collisions at the LHC, colloquium, university of Basel, Basel, Dec. 13, 2013.
265. Physics opportunities with nuclear collisions at high baryon density, JHI2014 meeting, J-PARC, Tokai, Japan, March 17, 2014.
266. Production of weakly bound objects in high energy nuclear collisions, Heavy Ion Seminar, LBNL, Berkeley, May 1, 2014.
267. Relativistic nuclear collisions at the Terascale: status and future plans for the ALICE TPC, International Symposium 'The Art of Experiment', LBNL, Berkeley, May 2 - 3, 2014.
268. Relativistic nuclear collisions: from soft production to hard probes, 2 lectures at the 54th Theoretical Physics Summer School, Zakopane, Poland, June 13-14, 2014.
269. Production of weakly bound objects in high energy nuclear collisions, Nagamiya symposium, Tsukuba, Japan, July 17, 2014.
270. Heavy flavor and quarkonia, Heavy Ion Cafe meeting, Tokyo, Japan, July 19.
271. Ultra-relativistic nuclear collisions, the quark-gluon plasma, and QCD, invited paper, ICNFP conference, Kolymbari, Crete, Aug. 5, 2014.
272. Production of hadrons with light and heavy quarks and the QCD phase boundary, 3rd FCC workshop, CERN, Sep. 22, 2014.
273. Hadron production and the QCD phase boundary: loosely bound objects, ECT\* Workshop on statistical model and related topics, Trento, Italy, Oct. 6 - 10, 2014.
274. Some (personal) remarks on Polish-German Collaboration in Accelerator Projects, EMMI Physics Days 2014, Darmstadt, Nov. 10, 2014.

275. Report from the HuK community: status of EMMI, FAIR, 8th annual meeting of the 'Terascale' alliance, DESY, Hamburg, Dec. 3, 2014.
276. Exploration of Quark Matter with Nuclear Collisions at the Large Hadron Collider, physics colloquium, University of Heidelberg, Heidelberg, Dec. 5, 2014.
277. Exploration of Quark Matter and QCD Phases at the Large Hadron Collider, physics colloquium, IPN Orsay, Orsay, France, Jan. 8, 2015.
278. Production of loosely bound objects in ultra-relativistic nuclear collisions, physics seminar, IPN Orsay, Orsay, France, Jan. 9, 2015.
279. Exploration of Quark Matter and QCD Phases at Collider Energies, invited paper, 53rd Int. Winter Meeting on Nucl. Physics, Bormio, Italy, Jan. 26-30, 2015
280. Quarkonia, QGP and deconfinement, ECT\* workshop on heavy flavor, Trento, March 16-20, 2015.
281. Production of hadrons with light and heavy quarks and the QCD phase boundary, FCC workshop, ECT\*, Trento, March 20, 2015.
282. Erzeugung von kosmischer Materie im Labor, Öffentlicher Abendvortrag, Volkssternwarte Darmstadt, 11. Juli 2015
283. Production of loosely bound objects in ultra-relativistic nuclear collisions, EMMI workshop on 'Anti-matter, Hyper-matter, and Production of Exotica at the LHC', CERN, July 22-22, 2015.
284. Quarkonia, QGP and Deconfinement, Workshop on QCD Thermodynamics in High Energy Collisions, CCNU, Wuhan, China, July 27 - 31, 2015.
285. The ALICE TPC: Tracking and Particle ID for Relativistic Nuclear Collisions at the Terascale, Workshop on QCD Thermodynamics in High Energy Collisions, CCNU, Wuhan, China, July 27 - 31, 2015.
286. Snowballs in Hell: production of hadrons and loosely-bound objects in ultra-relativistic nuclear collisions, 12th Int. Conference HYP2015, Sendai, Japan, Sep. 7 - 12, 2015.
287. The ALICE TPC: Tracking and Particle ID for Relativistic Nuclear Collisions at the Terascale, Colloquium, PSI, Villigen, Sep. 17, 2015.
288. Open heavy flavor in ultra-relativistic nuclear collisions, workshop on 'selected topics on heavy flavor production in high energy collisions, Tsinghua University, Beijing, Sep. 24-25, 2015.
289. Exploration of quark matter and QCD phases at the Large Hadron Collider, physics colloquium, Tsinghua University, Beijing, Sep. 25, 2015.
290. Quark matter studies at the CERN Large Hadron Collider, Seminar on: The quest for the mysteries of the universe with the ALICE experiment, Baku State University, Oct. 13, 2015.



291. Exploration of quark matter and QCD phases at the Large Hadron Collider, Quantum fluids from nK to TeV, an 80th birthday symposium in honor of Gordon Baym, UIUC, Urbana, Oct. 17, 2015.
292. Exploration of quark matter and the QCD phase boundary with nuclear collisions at the LHC, seminar, excellence cluster 'Prisma', Mainz, Nov. 11, 2015.
293. Hadron production, statistical hadronization, and the QCD phase boundary, Doktoratskolleg Graz "Hadrons in Vacuum, Nuclei and Stars, Nov. 26, 2015.
294. Heavy flavor production, statistical hadronization and deconfinement, Doktoratskolleg Graz "Hadrons in Vacuum, Nuclei and Stars, Nov. 27, 2015.
295. Particle production in relativistic nuclear collisions and the phase structure of QCD, Festsymposium WW70, Institute for Advanced Study, TU München, München, April 14, 2016.
296. . Colliders, quarkonia and QCD, Satz fest, May 27, 2016, Bielefeld, Germany.
297. Particle production in relativistic nuclear collisions and the phase structure of QCD, CPOD2016, May 30 - June 3, 2016, Wroclaw Poland.
298. Light hadron and quarkonium production in relativistic nuclear collisions and the phase structure of QCD, 71st Fujihara seminar, international symposium on hadronic, nuclear and atomic physics, Shimoda, Japan, July 6-8, 2016.
299. Moments of truth: hadron production in ultra-relativistic nuclear collisions and the QCD phase diagram, Heinz 2016 meeting, CERN, July 18-20, 2016.
300. particle production in relativistic nuclear collisions and the phase structure of QCD, Conf12, Sep. 2, 2016, Thessaloniki, Greece.
301. Colliding relativistic nuclei: selected remarks on future opportunities and challenges, Workshop on 'accelerators revealing the QCD secrets', Sep. 3, 2016, Thessaloniki, Greece.
302. particle production in relativistic nuclear collisions and the phase structure of QCD, INPC conf., Sep. 11-17, 2016, Adelaide, Australia.
303. Four lectures on the physics of relativistic nuclear collisions, Oct. 18 -21, 2016, CCNU, Wuhan, China.
304. Quarkonium production, deconfinement, and the QCD phase boundary, Quarkyonic workshop, Oct. 24 - 27, 2016, CCNU, Wuhan, China.
305. Remarks on models for charmonium production,  $J/\psi$ 2eePAG workshop, Dec. 5-6, Oslo, Norway.
306. Electron-ion collider: my personal perspective from Europe, NAS e-ion panel, Feb, 1 - 2, 2017, Washington, D.C.

307. Hadron resonance gas, hadron production in relativistic nuclear collisions, and the phase structure of QCD, International workshop on partial wave analyses, and advanced tools for hadron spectroscopy, March 13-17, 2017, Bad Honnef, Germany.
308. International collaboration in science and technology in Europe - with LHC experiments and a Helmholtz alliance (EMMI) as main features, special meeting on invitation by the president of Nagasaki university, March 20, 2018, Nagasaki, Japan.
309. Diffraction, ultra-peripheral collisions, and low x physics at the LHC, May 15, 2017, Heidelberg, Germany.
310. colliding relativistic nuclei: selected remarks on future opportunities and challenges, FIAS International Symposium on Discoveries at the Frontiers of Science, June 26 - 29, 2017, Frankfurt, Germany
311. Impressions from SQM2017 and future directions, facts, puzzles and opportunities, SQM2017 summary, July 10 - 15, 2017, Utrecht, the Netherlands.
312. relativistic nuclear collisions from FAIR to LHC energies and the phase structure of QCD, TGSW 2017 workshop, Sep. 25 - 27, Tsukuba, Japan.
313. production of hadrons with light (u,d,s) quarks at the QCD phase boundary, EMMI 2017 workshop, Oct. 10 - 13, 2017, CCNU Wuhan, China.
314. summary, perspectives, opportunities, Workshop on 'heavy flavor in high energy collisions', Oct. 30 - Nov. 1, 2017, Berkeley, CA.
315. production of loosely bound states at the QCD phase boundary - 'snowballs in hell', EMMI workshop on Anti-Matter, Hyper-Matter and Exotica, Nov. 6 - 10, 2017, Torino, Italy.
316. decoding the QCD phase structure with relativistic nuclear collisions, colloquium, Jan. 25, 2018, LHEP, JINR, Russia
317. the QCD phase boundary and production of rare, loosely bound objects, EMMI workshop on 'constraining the QCD phase boundary with data from heavy ion collisions, Feb. 12 - 14, 2018, GSI, Germany.
318. diffraction, ultra-peripheral collisions, low x physics at the LHC and connection to EIC, POETIC 8 workshop, March 19-23, 2018, Regensburg, Germany.
319. the QCD phase boundary, deconfinement, and rare, loosely bound objects, Light-Up 2018 workshop, June 14-16, 2018, CERN.
320. the QCD phase boundary and the production of rare, loosely bound objects, Heraeus workshop on Quantum Chromodynamics and its Symmetries, Oberwölz, Austria, Sep. 10 - 15, 2018
321. deconfined quarks and loosely bound objects in relativistic nuclear collisions, International Conference on Simplicity, Symmetry and Beauty in Atomic Nuclei, Sep. 25 -29, 2018, Shanghai, China

322. the QCD phase boundary and rare, loosely bound objects, international workshop on heavy flavor production in high energy nuclear collisions, CCNU, Wuhan, Oct. 8, 2018
323. The QCD phase boundary and rare, loosely bound objects, ECT\* workshop on Observables of Hadronization and the QCD Phase Diagram in the Cross-over Domain, ECT\*, Trento Oct. 15-19, 2018
324. Looking beyond LS4: new physics opportunities at the LHC with a nearly massless collider detector, ECT\* meeting on Electromagnetic Radiation from Hot and Dense Hadronic Matter, Nov. 26-30, 2018
325. Decoding the QCD phase structure with relativistic nuclear collisions, Stern-Gerlach Medal presentation, DPG Frühjahrstagung München, 19. März 2019
326. Decoding the QCD phase structure with relativistic nuclear collisions, Colloquium, Polish Physical Society, Wroclaw, April 12, 2019

Editorial work:

1. Oct. 1974 Classical and Quantum Mechanical Aspects of Heavy Ion Collisions, Lecture Notes in Physics 33, Springer-Verlag, New York 1975, H.L. Harney, P. Braun-Munzinger and C.K. Gelbke, Editors.
2. Aug. 1983 Nuclear Physics with Heavy Ions, Prospects at Energies below 20 MeV/amu, Nuclear Science Research Conference Series Volume 6, Harwood Academic Publishers, New York 1984, P. Braun-Munzinger, Editor.
3. Sept. 1988 Quark Matter '88, Special Volume of Nuclear Physics A, G. Baym, P. Braun-Munzinger and S. Nagamiya, Editors, North Holland, Amsterdam 1989.
4. Dec. 1996 Quark Matter '96, Special Volume of Nucl. Phys. A 610, P. Braun-Munzinger, H.J. Specht, H. Stöcker, R. Stock, Editors, North Holland, Amsterdam 1996.
5. Feb. 2001 Nuclei and Nucleons, Proceedings of a Symposium at TUD, Special Volume of Nuclear Physics **A690** (2001) 1-329, P. Braun-Munzinger and A. Zilges, editors, North Holland, Amsterdam 2001.
6. P. Braun-Munzinger, B. Friman and J. Stachel, Proceedings, 24th International Conference on Ultra-Relativistic Nucleus-Nucleus Collisions (Quark Matter 2014) : Darmstadt, Germany, May 19-24, 2014, Nucl. Phys. A **931**, pp.1 (2014).