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Erratum

# Erratum to: Common femtoscopic hadron-emission source in pp collisions at the LHC

**ALICE Collaboration***

CERN, 1211 Geneva 23, Switzerland

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**Erratum to: Eur. Phys. J. C (2025) 85:198**
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We correct a typographical error in Eq. (8) of Ref. [1], which defines the Cauchy source. The denominator in the original equation was missing a square. This correction does not affect any physics conclusions or numerical results.

In the original manuscript [1], Eq. (8) was given as

$$S(r^*) = \frac{1}{\pi} \frac{r_{\text{exp}}}{\left(r_{\text{exp}}^2 + r^{*2}\right)},$$

where the denominator was incorrectly written without a square. The correct expression for the Cauchy source should be

$$S(r^*) = \frac{1}{\pi^2} \frac{r_{\text{exp}}}{\left(r_{\text{exp}}^2 + r^{*2}\right)^2}.$$

This correction is purely typographical and does not alter any physics conclusions or numerical results presented in the work.

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See Appendix A for the list of collaboration members

* e-mail: alice-publications@cern.ch

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**ALICE Collaboration***

S. Acharya[128], D. Adamová[87], G. Aglieri Rinella[33], M. Agnello[30], N. Agrawal[52], Z. Ahammed[136], S. Ahmad[16], S. U. Ahn[72], I. Ahuja[38], A. Akindinov[142], M. Al-Turany[98], D. Aleksandrov[142], B. Alessandro[57], H. M. Alfanda[6], R. Alfaro Molina[68], B. Ali[16], A. Alici[26], N. Alizadehvandchali[117], A. Alkin[33], J. Alme[21], G. Alocco[53], T. Alt[65], A. R. Altamura[51], I. Altsybeev[96], J. R. Alvarado[45], M. N. Anaam[6], C. Andrei[46], N. Andreou[116], A. Andronic[127], E. Andronov[142], V. Anguelov[95], F. Antinori[55], P. Antonioli[52], N. Apadula[75], L. Aphecetche[104], H. Appelshäuser[65], C. Arata[74], S. Arcelli[26], M. Aresti[23], R. Arnaldi[57], J. G. M. C. A. Arneiro[111], I. C. Arsene[20], M. Arslandok[139], A. Augustinus[33], R. Averbeck[98], M. D. Azmi[16], H. Baba[125], A. Badalà[54], J. Bae[105], Y. W. Baek[41], X. Bai[121], R. Bailhache[65], Y. Bailung[49], R. Bala[92], A. Balbino[30], A. Baldisseri[131], B. Balis[2], D. Banerjee[4], Z. Banoo[92], F. Barile[32], L. Barioglio[96], M. Barlou[79], B. Barman[42], G. G. Barnaföldi[47], L. S. Barnby[86], E. Barreau[104], V. Barret[128], L. Barreto[111], C. Bartels[120], K. Barth[33], E. Bartsch[65], N. Bastid[128], S. Basu[76,*], G. Batigne[104], D. Battistini[96], B. Batyunya[143], D. Bauri[48], J. L. Bazo Alba[102], I. G. Bearden[84], C. Beattie[139], P. Becht[98], D. Behera[49], I. Belikov[130], A. D. C. Bell Hechavarria[127], F. Bellini[26], R. Bellwied[117], S. Belokurova[142], L. G. E. Beltran[110], Y. A. V. Beltran[45], G. Bencedi[47], S. Beole[25], Y. Berdnikov[142], A. Berdnikova[95], L. Bergmann[95], M. G. Besoiu[64], L. Betev[33], P. P. Bhaduri[136], A. Bhasin[92], M. A. Bhat[4], B. Bhattacharjee[42], L. Bianchi[25], N. Bianchi[50], J. Bielčík[36], J. Bielčíková[87], A. P. Bigot[130], A. Bilandzic[96], G. Biro[47], S. Biswas[4], N. Bize[104], J. T. Blair[109], D. Blau[142], M. B. Blidaru[98], N. Bluhme[39], C. Blume[65], G. Boca[22,56], F. Bock[88], T. 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Musa[33], J. Musinsky[61], J. W. Myrcha[137], B. Naik[124], A. I. Nambrath[19], B. K. Nandi[48], R. Nania[52], E. Nappi[51], A. F. Nassirpour[18], A. Nath[95], C. Nattrass[123], M. N. Naydenov[37], A. Neagu[20], A. Negru[114], E. Nekrasova[142], L. Nellen[66], R. Nepeivoda[76], S. Nese[20], G. Neskovic[39], N. Nicassio[51], B. S. Nielsen[84], E. G. Nielsen[84], S. Nikolaev[142], S. Nikulin[142], V. Nikulin[142], F. Noferini[52], S. Noh[12], P. Nomokonov[143], J. Norman[120], N. Novitzky[88], P. Nowakowski[137], A. Nyanin[142], J. Nystrand[21], S. Oh[18], A. Ohlson[76], V. A. Okorokov[142], J. Oleniacz[137], A. Onnerstad[118], C. Oppedisano[57], A. Ortiz Velasquez[66], J. Otwinowski[108], M. Oya[93], K. Oyama[77], Y. Pachmayer[95], S. Padhan[48], D. Pagano[56,135], G. Paić[66], S. Paisano-Guzmán[45], A. Palasciano[51], S. Panebianco[131], H. Park[126], H. Park[105], J. Park[59], J. E. Parkkila[33], Y. Patley[48], B. Paul[23], M. M. D. M. Paulino[111], H. Pei[6], T. Peitzmann[60], X. Peng[11], M. Pennisi[25], S. Perciballi[25], D. Peresunko[142],

G. M. Perez[7], Y. Pestov[142], V. Petrov[142], M. Petrovici[46], R. P. Pezzi[67,104], S. Piano[58], M. Pikna[13], P. Pillot[104], O. Pinazza[33,52], L. Pinsky[117], C. Pinto[96], S. Pisano[50], M. Płoskoń[75], M. Planinic[90], F. Pliquett[65], M. G. Poghosyan[88], B. Polichtchouk[142], S. Politano[30], N. Poljak[90], A. Pop[46], S. Porteboeuf-Houssais[128], V. Pozdniakov[143], I. Y. Pozos[45], K. K. Pradhan[49], S. K. Prasad[4], S. Prasad[49], R. Preghenella[52], F. Prino[57], C. A. Pruneau[138], I. Pshenichnov[142], M. Puccio[33], S. Pucillo[25], Z. Pugelova[107], S. Qiu[85], L. Quaglia[25], S. Ragoni[15], A. Rai[139], A. Rakotozafindrabe[131], L. Ramello[57,134], F. Rami[130], T. A. Rancien[74], M. Rasa[27], S. S. Räsänen[44], R. Rath[52], M. P. Rauch[21], I. Ravasenga[33], K. F. Read[88,123], C. Reckziegel[113], A. R. Redelbach[39], K. Redlich[80,f], C. A. Reetz[98], H. D. Regules-Medel[45], A. Rehman[21], F. Reidt[33], H. A. Reme-Ness[35], Z. Rescakova[38], K. Reygers[95], A. Riabov[142], V. Riabov[142], R. Ricci[29], M. Richter[20], A. A. Riedel[96], W. Riegler[33], A. G. Riffero[25], C. Ristea[64], M. V. Rodriguez[33], M. Rodríguez Cahuantzi[45], S. A. Rodríguez Ramírez[45], K. Røed[20], R. Rogalev[142], E. Rogochaya[143], T. S. Rogoschinski[65], D. Rohr[33], D. Röhrich[21], P. F. Rojas[45], S. Rojas Torres[36], P. S. Rokita[137], G. Romanenko[26], F. Ronchetti[50], A. Rosano[31,54], E. D. Rosas[66], K. Roslon[137], A. Rossi[55], A. Roy[49], S. Roy[48], N. Rubini[26], D. Ruggiano[137], R. Rui[24], P. G. Russek[2], R. Russo[85], A. Rustamov[82], E. Ryabinkin[142], Y. Ryabov[142], A. Rybicki[108], H. Rytkonen[118], J. Ryu[17], W. Rzesa[137], O. A. M. Saarimaki[44], S. Sadhu[32], S. Sadovsky[142], J. Saetre[21], K. Šafařík[36], P. Saha[42], S. K. Saha[4], S. Saha[81], B. Sahoo[48], B. Sahoo[49], R. Sahoo[49], S. Sahoo[62], D. Sahu[49], P. K. Sahu[62], J. Saini[136], K. Sajdakova[38], S. Sakai[126], M. P. Salvan[98], S. Sambyal[92], D. Samitz[103], I. Sanna[33,96], T. B. Saramela[111], D. Sarkar[84], P. Sarma[42], V. Sarritzu[23], V. M. Sarti[96], M. H. P. Sas[33], S. Sawan[81], E. Scapparone[52], J. Schambach[88], H. S. Scheid[65], C. Schiaua[46], R. Schicker[95], F. Schlepper[95], A. Schmah[98], C. Schmidt[98], H. R. Schmidt[94], M. O. Schmidt[33], M. Schmidt[94], N. V. Schmidt[88], A. R. Schmier[123], R. Schotter[130], A. Schröter[39], J. Schukraft[33], K. Schweda[98], G. Scioli[26], E. Scomparin[57], J. E. Seger[15], Y. Sekiguchi[125], D. Sekihata[125], M. Selina[85], I. Selyuzhenkov[98], S. Senyukov[130], J. J. Seo[95], D. Serebryakov[142], L. Serkin[66], L. Šerkšnytė[96], A. Sevcenco[64], T. J. Shaba[69], A. Shabetai[104], R. Shahoyan[33], A. Shangaraev[142], B. Sharma[92], D. Sharma[48], H. Sharma[55], M. Sharma[92], S. Sharma[77], S. Sharma[92], U. Sharma[92], A. Shatat[132], O. Sheibani[117], K. Shigaki[93], M. Shimomura[78], J. Shin[12], S. Shirinkin[142], Q. Shou[40], Y. Sibiriak[142], S. Siddhanta[53], T. Siemiarczuk[80], T. F. Silva[111], D. Silvermyr[76], T. Simantathammakul[106], R. Simeonov[37], B. Singh[92], B. Singh[96], K. Singh[49], R. Singh[81], R. Singh[92], R. Singh[49,98], S. Singh[16], V. K. Singh[136], V. Singhal[136], T. Sinha[100], B. Sitar[13], M. Sitta[57,134], T. B. Skaali[20], G. Skorodumovs[95], M. Slupecki[44], N. Smirnov[139], R. J. M. Snellings[60], E. H. Solheim[20], J. Song[17], C. Sonnabend[33,98], J. M. Sonneveld[85], F. Soramel[28], A. B. Soto-Hernandez[89], R. Spijkers[85], I. Sputowska[108], J. Staa[76], J. Stachel[95], I. Stan[64], P. J. Steffanic[123], S. F. Stiefelmaier[95], D. Stocco[104], I. Storehaug[20], P. Stratmann[127], S. Strazzi[26], A. Sturniolo[31,54], C. P. Stylianidis[85], A. A. P. Suaide[111], C. Suire[132], M. Sukhanov[142], M. Suljic[33], R. Sultanov[142], V. Sumberia[92], S. Sumowidagdo[83], I. Szarka[13], M. Szymkowski[137], S. F. Taghavi[96], G. Taillepied[98], J. Takahashi[112], G. J. Tambave[81], S. Tang[6], Z. Tang[121], J. D. Tapia Takaki[119], N. Tapus[114], L. A. Tarasovicova[127], M. G. Tarzila[46], G. F. Tassielli[32], A. Tauro[33], A. Tavira García[132], G. Tejeda Muñoz[45], A. Telesca[33], L. Terlizzi[25], C. Terrevoli[117], S. Thakur[4], D. Thomas[109], A. Tikhonov[142], N. Tiltmann[127], A. R. Timmins[117], M. Tkacik[107], T. Tkacik[107], A. Toia[65], R. Tokumoto[93], K. Tomohiro[93], N. Topilskaya[142], M. Toppi[50], T. Tork[132], V. V. Torres[104], A. G. Torres Ramos[32], A. Trifiró[31,54], A. S. Triolo[31,33,54], S. Tripathy[52], T. Tripathy[48], S. Trogolo[33], V. Trubnikov[3], W. H. Trzaska[118], T. P. Trzcinski[137], A. Tumkin[142], R. Turrisi[55], T. S. Tveter[20], K. Ullaland[21], B. Ulukutlu[96], A. Uras[129], M. Urioni[135], G. L. Usai[23], M. Vala[38], N. Valle[22], L. V. R. van Doremalen[60], M. van Leeuwen[85], C. A. van Veen[95], R. J. G. van Weelden[85], P. Vande Vyvre[33], D. Varga[47], Z. Varga[47], P. Vargas Torres[66], M. Vasileiou[79], A. Vasiliev[142], O. Vázquez Doce[50], O. Vazquez Rueda[117], V. Vechernin[142], E. Vercellin[25], S. Vergara Limón[45], R. Verma[48], L. Vermunt[98], R. Vértesi[47], M. Verweij[60], L. Vickovic[34], Z. Vilakazi[124], O. Villalobos Baillie[101], A. Villani[24], A. Vinogradov[142], T. Virgili[29], M. M. O. Virta[118], V. Vislavicius[76], A. Vodopyanov[143], B. Volkel[33], M. A. Völkl[95], S. A. Voloshin[138], G. Volpe[32], B. von Haller[33], I. Vorobyev[33], N. Vozniuk[142], J. Vrláková[38], J. Wan[40], C. Wang[40], D. Wang[40], Y. Wang[40], Y. Wang[6], A. Wegrzynek[33], F. T. Weiglhofer[39], S. C. Wenzel[33], J. P. Wessels[127], J. Wiechula[65], J. Wikne[20], G. Wilk[80], J. Wilkinson[98], G. A. Willems[127], B. Windelband[95], M. Winn[131], J. R. Wright[109], W. Wu[40], Y. Wu[121], Z. Xiong[121], R. Xu[6], A. Yadav[43], A. K. Yadav[136], S. Yalcin[73], Y. Yamaguchi[93], S. Yang[21], S. Yano[93], E. R. Yeats[19], Z. Yin[6], I.-K. Yoo[17], J. H. Yoon[59], H. Yu[12], S. Yuan[21], A. Yuncu[95], V. Zaccolo[24], C. Zampolli[33], F. Zanone[95], N. Zardoshti[33], A. Zarochentsev[142], P. Závada[63], N. Zaviyalov[142], M. Zhalov[142], B. Zhang[6], C. Zhang[131], L. Zhang[40], M. Zhang[6], S. Zhang[40], X. Zhang[6], Y. Zhang[121], Z. Zhang[6],

M. Zhao[10], V. Zherebchevskii[142], Y. Zhi[10], C. Zhong[40], D. Zhou[6], Y. Zhou[84], J. Zhu[6,55], Y. Zhu[6], S. C. Zugravel[57], N. Zurlo[56,135]

[1] A.I. Alikhanyan National Science Laboratory (Yerevan Physics Institute) Foundation, Yerevan, Armenia
[2] AGH University of Krakow, Cracow, Poland
[3] Bogolyubov Institute for Theoretical Physics, National Academy of Sciences of Ukraine, Kiev, Ukraine
[4] Department of Physics and Centre for Astroparticle Physics and Space Science (CAPSS), Bose Institute, Kolkata, India
[5] California Polytechnic State University, San Luis Obispo, CA, USA
[6] Central China Normal University, Wuhan, China
[7] Centro de Aplicaciones Tecnológicas y Desarrollo Nuclear (CEADEN), Havana, Cuba
[8] Centro de Investigación y de Estudios Avanzados (CINVESTAV), Mexico City and Mérida, Mexico
[9] Chicago State University, Chicago, IL, USA
[10] China Institute of Atomic Energy, Beijing, China
[11] China University of Geosciences, Wuhan, China
[12] Chungbuk National University, Cheongju, Republic of Korea
[13] Faculty of Mathematics, Physics and Informatics, Comenius University Bratislava, Bratislava, Slovak Republic
[14] COMSATS University Islamabad, Islamabad, Pakistan
[15] Creighton University, Omaha, NE, USA
[16] Department of Physics, Aligarh Muslim University, Aligarh, India
[17] Department of Physics, Pusan National University, Pusan, Republic of Korea
[18] Department of Physics, Sejong University, Seoul, Republic of Korea
[19] Department of Physics, University of California, Berkeley, CA, USA
[20] Department of Physics, University of Oslo, Oslo, Norway
[21] Department of Physics and Technology, University of Bergen, Bergen, Norway
[22] Dipartimento di Fisica, Università di Pavia, Pavia, Italy
[23] Dipartimento di Fisica dell'Università and Sezione INFN, Cagliari, Italy
[24] Dipartimento di Fisica dell'Università and Sezione INFN, Trieste, Italy
[25] Dipartimento di Fisica dell'Università and Sezione INFN, Turin, Italy
[26] Dipartimento di Fisica e Astronomia dell'Università and Sezione INFN, Bologna, Italy
[27] Dipartimento di Fisica e Astronomia dell'Università and Sezione INFN, Catania, Italy
[28] Dipartimento di Fisica e Astronomia dell'Università and Sezione INFN, Padua, Italy
[29] Dipartimento di Fisica 'E.R. Caianiello' dell'Università and Gruppo Collegato INFN, Salerno, Italy
[30] Dipartimento DISAT del Politecnico and Sezione INFN, Turin, Italy
[31] Dipartimento di Scienze MIFT, Università di Messina, Messina, Italy
[32] Dipartimento Interateneo di Fisica 'M. Merlin' and Sezione INFN, Bari, Italy
[33] European Organization for Nuclear Research (CERN), Geneva, Switzerland
[34] Faculty of Electrical Engineering, Mechanical Engineering and Naval Architecture, University of Split, Split, Croatia
[35] Faculty of Engineering and Science, Western Norway University of Applied Sciences, Bergen, Norway
[36] Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University in Prague, Prague, Czech Republic
[37] Faculty of Physics, Sofia University, Sofia, Bulgaria
[38] Faculty of Science, P.J. Šafárik University, Košice, Slovak Republic
[39] Frankfurt Institute for Advanced Studies, Johann Wolfgang Goethe-Universität Frankfurt, Frankfurt, Germany
[40] Fudan University, Shanghai, China
[41] Gangneung-Wonju National University, Gangneung, Republic of Korea
[42] Department of Physics, Gauhati University, Guwahati, India
[43] Helmholtz-Institut für Strahlen- und Kernphysik, Rheinische Friedrich-Wilhelms-Universität Bonn, Bonn, Germany
[44] Helsinki Institute of Physics (HIP), Helsinki, Finland
[45] High Energy Physics Group, Universidad Autónoma de Puebla, Puebla, Mexico
[46] Horia Hulubei National Institute of Physics and Nuclear Engineering, Bucharest, Romania
[47] HUN-REN Wigner Research Centre for Physics, Budapest, Hungary
[48] Indian Institute of Technology Bombay (IIT), Mumbai, India
[49] Indian Institute of Technology Indore, Indore, India
[50] INFN, Laboratori Nazionali di Frascati, Frascati, Italy

[51] INFN, Sezione di Bari, Bari, Italy
[52] INFN, Sezione di Bologna, Bologna, Italy
[53] INFN, Sezione di Cagliari, Cagliari, Italy
[54] INFN, Sezione di Catania, Catania, Italy
[55] INFN, Sezione di Padova, Padua, Italy
[56] INFN, Sezione di Pavia, Pavia, Italy
[57] INFN, Sezione di Torino, Turin, Italy
[58] INFN, Sezione di Trieste, Trieste, Italy
[59] Inha University, Incheon, Republic of Korea
[60] Institute for Gravitational and Subatomic Physics (GRASP), Utrecht University/Nikhef, Utrecht, The Netherlands
[61] Institute of Experimental Physics, Slovak Academy of Sciences, Košice, Slovak Republic
[62] Institute of Physics, Homi Bhabha National Institute, Bhubaneswar, India
[63] Institute of Physics of the Czech Academy of Sciences, Prague, Czech Republic
[64] Institute of Space Science (ISS), Bucharest, Romania
[65] Institut für Kernphysik, Johann Wolfgang Goethe-Universität Frankfurt, Frankfurt, Germany
[66] Instituto de Ciencias Nucleares, Universidad Nacional Autónoma de México, Mexico City, Mexico
[67] Instituto de Física, Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil
[68] Instituto de Física, Universidad Nacional Autónoma de México, Mexico City, Mexico
[69] iThemba LABS, National Research Foundation, Somerset West, South Africa
[70] Jeonbuk National University, Jeonju, Republic of Korea
[71] Johann-Wolfgang-Goethe Universität Frankfurt Institut für Informatik, Fachbereich Informatik und Mathematik, Frankfurt, Germany
[72] Korea Institute of Science and Technology Information, Daejeon, Republic of Korea
[73] KTO Karatay University, Konya, Turkey
[74] Laboratoire de Physique Subatomique et de Cosmologie, Université Grenoble-Alpes, CNRS-IN2P3, Grenoble, France
[75] Lawrence Berkeley National Laboratory, Berkeley, CA, USA
[76] Division of Particle Physics, Lund University Department of Physics, Lund, Sweden
[77] Nagasaki Institute of Applied Science, Nagasaki, Japan
[78] Nara Women's University (NWU), Nara, Japan
[79] Department of Physics, School of Science, National and Kapodistrian University of Athens, Athens, Greece
[80] National Centre for Nuclear Research, Warsaw, Poland
[81] National Institute of Science Education and Research, Homi Bhabha National Institute, Jatni, India
[82] National Nuclear Research Center, Baku, Azerbaijan
[83] National Research and Innovation Agency-BRIN, Jakarta, Indonesia
[84] Niels Bohr Institute, University of Copenhagen, Copenhagen, Denmark
[85] Nikhef, National Institute for Subatomic Physics, Amsterdam, The Netherlands
[86] Nuclear Physics Group, STFC Daresbury Laboratory, Daresbury, UK
[87] Nuclear Physics Institute of the Czech Academy of Sciences, Husinec-Řež, Czech Republic
[88] Oak Ridge National Laboratory, Oak Ridge, TN, USA
[89] Ohio State University, Columbus, OH, USA
[90] Physics Department, Faculty of Science, University of Zagreb, Zagreb, Croatia
[91] Physics Department, Panjab University, Chandigarh, India
[92] Physics Department, University of Jammu, Jammu, India
[93] Physics Program and International Institute for Sustainability with Knotted Chiral Meta Matter (SKCM2), Hiroshima University, Hiroshima, Japan
[94] Physikalisches Institut, Eberhard-Karls-Universität Tübingen, Tübingen, Germany
[95] Physikalisches Institut, Ruprecht-Karls-Universität Heidelberg, Heidelberg, Germany
[96] Physik Department, Technische Universität München, Munich, Germany
[97] Politecnico di Bari and Sezione INFN, Bari, Italy
[98] Research Division and ExtreMe Matter Institute EMMI, GSI Helmholtzzentrum für Schwerionenforschung GmbH, Darmstadt, Germany
[99] Saga University, Saga, Japan

[100] Saha Institute of Nuclear Physics, Homi Bhabha National Institute, Kolkata, India
[101] School of Physics and Astronomy, University of Birmingham, Birmingham, UK
[102] Sección Física, Departamento de Ciencias, Pontificia Universidad Católica del Perú, Lima, Peru
[103] Stefan Meyer Institut für Subatomare Physik (SMI), Vienna, Austria
[104] SUBATECH, IMT Atlantique, Nantes Université, CNRS-IN2P3, Nantes, France
[105] Sungkyunkwan University, Suwon City, Republic of Korea
[106] Suranaree University of Technology, Nakhon Ratchasima, Thailand
[107] Technical University of Košice, Košice, Slovak Republic
[108] The Henryk Niewodniczanski Institute of Nuclear Physics, Polish Academy of Sciences, Cracow, Poland
[109] The University of Texas at Austin, Austin, TX, USA
[110] Universidad Autónoma de Sinaloa, Culiacán, Mexico
[111] Universidade de São Paulo (USP), São Paulo, Brazil
[112] Universidade Estadual de Campinas (UNICAMP), Campinas, Brazil
[113] Universidade Federal do ABC, Santo Andre, Brazil
[114] Universitatea Nationala de Stiinta si Tehnologie Politehnica Bucuresti, Bucharest, Romania
[115] University of Cape Town, Cape Town, South Africa
[116] University of Derby, Derby, UK
[117] University of Houston, Houston, TX, USA
[118] University of Jyväskylä, Jyväskylä, Finland
[119] University of Kansas, Lawrence, KS, USA
[120] University of Liverpool, Liverpool, UK
[121] University of Science and Technology of China, Hefei, China
[122] University of South-Eastern Norway, Kongsberg, Norway
[123] University of Tennessee, Knoxville, TN, USA
[124] University of the Witwatersrand, Johannesburg, South Africa
[125] University of Tokyo, Tokyo, Japan
[126] University of Tsukuba, Tsukuba, Japan
[127] Universität Münster, Institut für Kernphysik, Münster, Germany
[128] Université Clermont Auvergne, CNRS/IN2P3, LPC, Clermont-Ferrand, France
[129] Université de Lyon, CNRS/IN2P3, Institut de Physique des 2 Infinis de Lyon, Lyon, France
[130] Université de Strasbourg, CNRS, IPHC UMR 7178, F-67000 Strasbourg, France, Strasbourg, France
[131] Université Paris-Saclay, Centre d'Etudes de Saclay (CEA), IRFU, Départment de Physique Nucléaire (DPhN), Saclay, France
[132] Université Paris-Saclay, CNRS/IN2P3, IJCLab, Orsay, France
[133] Università degli Studi di Foggia, Foggia, Italy
[134] Università del Piemonte Orientale, Vercelli, Italy
[135] Università di Brescia, Brescia, Italy
[136] Variable Energy Cyclotron Centre, Homi Bhabha National Institute, Kolkata, India
[137] Warsaw University of Technology, Warsaw, Poland
[138] Wayne State University, Detroit, MI, USA
[139] Yale University, New Haven, CT, USA
[140] Yonsei University, Seoul, Republic of Korea
[141] Zentrum für Technologie und Transfer (ZTT), Worms, Germany
[142] Affiliated with an Institute Covered by a Cooperation Agreement with CERN, Geneva, Switzerland
[143] Affiliated with an International Laboratory Covered by a Cooperation Agreement with CERN, Geneva, Switzerland

[a] Also at: Max-Planck-Institut fur Physik, Munich, Germany
[b] Also at: Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Bologna, Italy
[c] Also at: Dipartimento DET del Politecnico di Torino, Turin, Italy
[d] Also at: Yildiz Technical University, Istanbul, Turkey
[e] Also at: Department of Applied Physics, Aligarh Muslim University, Aligarh, India

[f] Also at: Institute of Theoretical Physics, University of Wroclaw, Poland
[g] Also at: An Institution Covered by a Cooperation Agreement with CERN, Geneva, Switzerland
*Deceased