

Appendix to the Committee for Best Paper and Open Science protocol

No.	Author	Title	Journal
1.	Yu, S. Zenker, F.	Schemes, Critical Questions, and Complete Argument Evaluate	Argumentation
2.	Zdańkowski, P. Trusiak, M. McGloin, D. Swedlow, J.R.	Numerically Enhanced Stimulated Emission Depletion Microscopy with Adaptive Optics for Deep-Tissue Super-Resolved Imaging	ACS Nano
3.	Wojtyra, M. Pękal, M. Frączek, J.	Utilization of the Moore-Penrose inverse in the modeling of overconstrained mechanisms with frictionless and frictional joints	Mechanism and Machine Theory
4.	Wlasnowolski, M. Sadowski, M. Czarnota, T. Jodkowska, K. Szalaj, P. Tang, Z. Ruan Y. Plewczynski, D.	3D-GNOME 2.0: A three-dimensional genome modeling engine for predicting structural variation-driven alterations of chromatin spatial structure in the human genome	Nucleic Acids Research
5.	Acharya, S. Adamova, D. Adhya, S.P. Adler, A. Adolfsson, J. Aggarwal, M.M. Aglieri Rinella, G. Agnello, M. Agrawal, N. Ahammed, Z. Ahmad, S. Ahn, S.U. Aiola, S. Akindinov, A. Al-Turany, M. Alam, S.N. Albuquerque, D.S.D. Aleksandrov, D. Alessandro, B. Alfanda, H.M. Alfaro Molina, R. Ali, B. Ali, Y. Alici, A. Alkin, A. Almeç, J. Alt, T. Altenkamper, L Altsybeev, I.I Anaam, M.N. Andrei, C. Andreou, D. Andrews, H.A. Andronic, A. Angeletti, M. Angelov, V. Anson, C. Antićić, T. Antinori, F. Antonioli, P. Anwar, R. Apadula, N. Aphecetche, L Appelshauer, H. Arcelli, S. Arnaldi, R. Arratia, M. Arsene, I.C. Arslanok, M. Augustinus, A. Averbeck, R. Aziz, S. Azmi, M.D. Badała, A. Baek, Y.W. Bagnasco, S. Bailhache, R. Bala, R. Baldisseri, A. Ball, M. Baral, R.C. Barbera, R. Barioglio, L. Barnafoldi, G.G. Barnby, L.S. Barret, V. Bartalini, P. Barth, K. Bartsch, E. Baruffaldi, F. Bastid, N. Basu, S. Batigne, G. Batyunya, B. Batzing, P.C. Bauri, D. Bazo Alba,	Scattering Studies with Low-Energy Kaon-Proton Femtoscopy in Proton-Proton Collisions at the LHC	Physical Review Letters

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<p>J.L. Bearden, I.G. Bedda, C. Behera, N.K. Belikov, I.I. Bellini, F. Bellwied, R. Belyaev, V. Bencedi, G. Beole, S. Bercuci, A. Berdnikov, Y. Berenyi, D. Bertens, R. A. Berzano, D. Betev, L. Bhasin, A. Bhat, I.R. Bhatt, H. Bhattacharjee, B. Bianchi, A. Bianchi, L. Bianchi, N. Bielćik, J. Bielakova, J. Bilandzic, A. Biro, G. Biswas, R. Biswas, S. Blair, J.T. Blau, D. Blume, C. Boca, G. Bock, F. Bogdanov, A. Boldizar, L. Bolozdynya, A. Bombara, M. Bonomi, G. Bonora, M. Borel, H. Borissov, A. Borri, M. Bossi, H. Botta, E. Bourjau, C. Bratrud, L. Braun-Munzinger, P. Bregant, M. Broker, T.A. Broz, M. Brucken, E.J. Bruna, E. Bruno, G.E. Buckland, M.D. Budnikov, D. Buesching, H. Bufalino, S. Bugnon, O. Buhler, P. Buncie, P. Busch, O. Buthelezi, Z. Butt, J.B. Buxton, J.T. Caffarri, D. Caliva, A. CalvoVillar, E. Camacho, R.S. Camerini, P. Capon, A.A. Carnesecchi, F. Castillo Castellanos, J. Castro, A.J. Casula, E.A.R. Catalano, F. Ceballos Sanchez, C. Chakraborty, P. Chandra, S. Chang, B. Chang, W. Chapeland, S. Chartier, M. Chattopadhyay, S. Chattopadhyay, S. Chauvin, A. Cheshkov, C. Cheynis, B. Chibante Barroso, V. Chinellato, D.D. Cho, S. Chochula, P. Chowdhury, T. Christakoglou, P. Christensen, C.H. Christiansen, P. Chujo, T. Cicalo, C. Cifarelli, L. Cindolo, F. Cleymans, J. Colamaria, F. Colella, D. Collu, A. Colocci, M. Concas, M. Conesa Balbastre, G. Conesa Del Valle, Z. Contin, G. Contreras, J.G. Cormier, T.M. Corrales Morales, Y. Cortese, P. Cosentino, M.R. Costa, F. Costanza, S. Crkovska, J. Crochet, P. Cuautle, E. Cunqueiro, L. Dąbrowski, D. Dahms, T. Dainese, A. Damas, F.P.A. Dani, S. Danisch, M.C. Danu, A. Das, D. Das, I.I. Das, S. Dash, A. Dash, S. Dashi, A. De, S. De Caro, A. De Cataldo, G. De Conti, C. De Cuveland, J. De Falco, A. De Gruttola, D. De Marco, N. De Pasquale, S. De Souza, R.D. Deb, S. Degenhardt, H.F. Deisting, A. Deja, K.R. Deloff, A. Delsanto, S. Dhankher, P. Di Bari, D. DiMauro,</p>		
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<p> A. Diaz, R.A. Dietel, T. Dillenseger, P. Ding, Y. Divia, R. Djuvsland, D. Dmitrieva, U. Dobrin, A. Donigus, B. Dordic, O. Dubey, A.K. Dubla, A. Dudi, S. Duggal, A.K. Dukhishyam, M. Dupieux, P. Ehlers, R.J. Elia, D. Engel, H. Epple, E. Erasmus, B. Erhardt, F. Erokhin, A. Ersdal, M.R. Espagnon, B. Eulisse, G. Eum, J. Evans, D. Evdokimov, S. Fabbietti, L. Faggin, M. Faivre, J. Fantoni, A. Fasel, M. Fecchio, P. Feldkamp, L. Feliciello, A. Feofilov, G. Fernandez Tellez, A. Ferrero, A. Ferretti, A. Festanti, A. Feuillard, V.J.G. Figiel, J. Filchagin, S. Finogeev, D. Fionda, F.M. Fiorenza, G. Flor, F. Foertsch, S. Foka, P. Fokin, S. Fragiaco, E. Francisco, A. Frankenfeld, U. Fronze, G.G. Fuchs, U. Furget, C. Furs, A. Fusco Girard, M. Gaardhøje, J.J. Gagliardi, M. Gago, A.M. Gal, A. Galvan, C.D. Ganoti, P. Garabatos, C. Garcia-Solis, E. Garg, K. Gargiulo, C. Garner, K. Gasik, P. Gauger, E.F. Gay Ducati, M.B. Germain, M. Ghosh, J. Ghosh, P. Ghosh, S.K. Gianotti, P. Giubellino, P. Giubilato, P. Glassel, P. Gomez Coral, D.M. Gomez Ramirez, A. Gonzalez, V. Gonzalez-Zamora, P. Gorbunov, S. Górlich, L. Gotovac, S. Grabski, V. Graczykowski, L.K. Graham, K.L. Greiner, L. Grelli, A. Grigoras, C. Grigoriev, V. Grigoryan, A. Grigoryan, S. Groettkovik, O.S. Gronefeld, J.M. Grosa, F. Grosse-Oetringhaus, J.F. Grosso, R. Guernane, R. Guerzoni, B. Guittiere, M. Gulbrandsen, K. Gunji, T. Gupta, A. Gupta, R. Guzman, I.B. Haake, R. Habib, M.K. Hadjidakis, C. Hamagaki, H. Hamar, G. Hamid, M. Hamon, J.C. Hannigan, R. Haque, M.R. Harlanderova, A. Harris, J.W. Harton, A. Hassan, H. Hatzifotiadou, D. Hauer, P. Hayashi, S. Heckel, S.T. Hellbar, E. Helstrup, H. Herghelegiu, A. Hernandez, E.G. Herrera Corral, G. Herrmann, F. Hetland, K.F. Hilden, T.E. Hillemanns, H. Hills, C. Hippolyte, B. Hohlweger, B. Horak, D. Hornung, S. Hosokawa, R. Hristov, P. Huang, C. Hughes, C. Huhn, P. Humanie, T.J. Hushnud, H. Husova, L.A. Hussain, N. Hussain, </p>		
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	<p>S.A. Hussain, T. Hutter, D. Hwang, D.S. Iddon, J.P. Ilkaev, R. Inaba, M. Ippolitov, M. Islam, M.S. Ivanov, M. Ivanov, V. Izucheev, V. Jacak, B. Jacazio, N. Jacobs, P.M. Jadhav, M.B. Jadlovska, S. Jadlovsky, J. Jaelani, S. Jahnke, C. Jakubowska, MJ. Janik, M.A. Jercic, M. Jevons, O. Jimenez Bustamante, R.T. Jin, M. Jonas, F. Jones, P.G. Jusko, A. Kalinak, P. Kalweit, A. Kang, J.H. Kaplin, V. Kar, S. Karasu Uysal, A. Karavichev, O. Karavicheva, T. Karczmarczyk, P. Karpechev, E. Kebschull, U. Keidel, R. Keil, M. Ketzer, B. Khabanova, Z. Khan, A.M. Khan, S. Khan, S.A. Khanzadeev, A. Kharlov, Y. Khatun, A. Khuntia, A. Kileng, B. Kim, B. Kim, B. Kim, D. Kim, D.J. Kim, E.J. Kim, H. Kim, J.S. Kim, J. Kim, J. Kim, J. Kim, M. Kim, S. Kim, T. Kindra, K. Kirsch, S. Kisel, I. Kiselev, S. Kisiel, A. Klay, J.L. Klein, C. Klein, J. Klein, S. Klein-Bosing, C. Klewin, S. Kluge, A. Knichel, M.L. Knospe, A.G. Kobdaj, C. Kohler, M.K. Kollegger, T. Kondratyev, A. Kondratyeva, N. Kondratyuk, E. Konopka, P.J. Koska, L. Kovalenko, O. Kovalenko, V. Kowalski, M. Kralik, I. Kravcakova, A. Kreis, L. Krivda, M. Krizek, F. Krizkova Gajdosova, K. Kruger, M. Kryshen, E. Krze wieki, M. Kubera, A.M. Kućera, V. Kuhn, C. Kuijer, P.G. Kumar, L. Kumar, S. Kundu, S. Kurashvili, P. Kurepin, A. Kurepin, A.B. Kushpil, S. Kvapil, J. Kweon, M.J. Kwon, Y. La Pointe, S.L. La Rocca, P. Lai, Y.S. Langoy, R. Lapidus, K. Lardeux, A. Larionov, P. Laudi, E.</p>		
6.	<p>Śmietana, M. Koba, M. Sezemsky, P. Szot-Karpińska, K. Burnat, D. Stranak, V. Niedziółka-Jonsson, J. Bogdanowicz, R.</p>	<p>Simultaneous optical and electrochemical label-free biosensing with ITO-coated lossymode resonance sensor</p>	<p>Biosensors & Bioelectronics</p>
7.	<p>Szuplewska, A. Kulpińska, D. Dybko, A. Chudy, M. Jastrzębska, A.M. Olszyna, A. Brzózka, Z.</p>	<p>Future Applications of MXenes in Biotechnology, Nanomedicine, and Sensors</p>	<p>Trends in Biotechnology</p>
8.	<p>Szewczyk, R. Nowicki, M. Ostaszewska-Lizewska, A. Bieńkowski, A. Nowak, P. Malinen, M.</p>	<p>Accuracy of frame-shaped samples based measurements of magnetoelastic characteristics of soft magnetic materials</p>	<p>Measurement</p>

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9.	Szczeńiak, A. Milewski, J. Szablowski, Ł. Bujalski, W. Dybiński, O.	Dynamie model of a molten carbonate fuel cell 1 kW stack	Energy
10.	Steczek, M. Chudzik, P. Lewandowski, M. Szeląg, A.	PSO-Based Optimization of DC-Link Current Harmonics in Traction VSI for an Electric Vehicle	IEEE Transactions on Industrial Electronics
11.	Sokołowska, P. Janikiewicz, J. Jastrzębska, E. Brzózka, Z. Dobrzyń, A.	Combinations of regenerative medicine and Lab-on-a-chip systems: New hope to restoring the proper function of pancreatic islets in diabetes	Biosensors & Bioelectronics
12.	Skoczkowski, T. Verdolini, E. Bielecki, S. Kochański, M. Korczak, K. Węglarz, A.	Technology innovation system analysis of decarbonisation options in the EU steel industry	Energy
13.	Siudem, G. Zogala-Siudem, B. Cena, A. Gagolewski, M. Gagolewski, M. Gagolewski, M.	Three dimensions of scientific impact	Proceedings of the National Academy of Sciences of the United States of America
14.	Shaked, N.T. Micó, V. Trusiak, M. Kuś, A. Mirsky, S.K.	Off-axis digital holographic multiplexing for rapid wavefront acquisition and processing	Advances in Optics and Photonics
15.	Arumuga Kumar, E.R.S. Pancholi, M.K. Darnowski, P. Dzido, A.	Neutronic performance of a thorium based mixed oxide fuel in a burner sodiumcooled fast reactor	Energy
16.	Rolak, M. Sobol, C. Malinowski, M. Stynski, S.	Efficiency Optimization of Two Dual Active Bridge Converters Operating in Parallel	IEEE Transactions on Power Electronics
17.	Rogoż, R. Kapusta, Ł.J. Bachanek, J. Vankan, J. Teodorczyk, A.	Improved urea-water solution spray model for simulations of selective catalytic reduction systems	Renewable & Sustainable Energy Reviews

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18.	Robak, S. Machowski, J. Skwarski, M. Januszewski, M.	Improvement of Power System Transient Stability in the Event of Multi-Phase Faults and Circuit Breaker Failures	IEEE Transactions on Power Systems
19.	Osiadacz, A.J. Chaczykowski, M.	Modeling and Simulation of Gas Distribution Networks in a Multienergy System Environment	Proceedings of the IEEE
20.	Nowak, R. Pietrzakowski, M. Rumianek, P.	Influence of design parameters on bending piezoelectric harvester effectiveness: Static approach	Mechanical Systems and Signal Processing
21.	Napoles, G. Jastrzębska, A. Mosquera, C. Vanhoof, K. Homenda, W.	Deterministic learning of hybrid Fuzzy Cognitive Maps and network reduction approaches	Neural Networks
22.	Batalia, J.M. Mavromoustakis, C.X. Mastorakis, G. Xiong, N.N. Wozniak, J.	Adaptive Positioning Systems Based on Multiple Wireless Interfaces for Industrial IoT in Flarsh Manufacturing Environments	IEEE Journal on Selected Areas in Communications
23.	Batalia, J.M. Andrukiewicz, E. Gomez, G.P. Sapiecha, P. Mavromoustakis, C.X. Mastorakis, G. Żurek, J. Imran, M.	Security Risk Assessment for 5G Networks: National Perspective	IEEE Wireless Communications
24.	Miganakallu, N. Yang, Z. Rogoż, R. Kapusta, Ł.J. Christensen, C. Barros, S. Naber, J.	Effect of water - methanol blends on engine performance at borderline knock conditions in gasoline direct injection engines	Applied Energy
25.	Ławryńczuk, M. Tatjewski, P.	Offset-free state-space nonlinear predictive control for Wiener systems	Information Sciences
26.	Łapka, P. Ciepliński, A. Rusowicz, A.	Numerical model and analysis of heat transfer during microjets array impingement	Energy
27.	Laskowski, R. Smyk, A. Rusowicz, A. Grzebielec, A.	A useful formulas to describe the performance of a steam condenser in off-design conditions	Energy

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28.	Kapusta, Ł.J. Shuang, C. Alden, M. Li, Z.	Structures of inverse jet flames stabilized on a coaxial burner	Energy
29.	Kiedrzyńska, A. Lewtak, R. Świątkowski, B. Józwiak, P. Hercog, J. Badyda, K.	Numerical study of natural gas and low-calorific syngas co-firing in a pilot scale burner	Energy
30.	Juda-Rezler, K. Reizer, M. Maciejewska, K. Błaszczak, B. Klejnowski, K.	Characterization of atmospheric PM2.5 sources at a Central European urban background site	Science of the Total Environment
31.	Jefimowski, W. Szelaąg, A. Steczek, M. Nikitenko, A.	Vanadium redox flow battery parameters optimization in a transportation microgrid: A case study	Energy
32.	Jaksztas, L. Zinsmeister, M.	On the derivative of the Hausdorff dimension of the Julia sets for $z^2 + c$, cLR at parabolic parameters with two petals	Advances in Mathematics
33.	Iwański, G. Luszczuk, T. Piwek, M.	Torque Oscillations Cancellation Targets of a Doubly Fed Induction Machine Operating with Unbalanced and Distorted Grid	IEEE Transactions on Sustainable Energy
34.	Homenda, W. Jastrzębska, A.	Time-Series Classification Using Fuzzy Cognitive Maps	IEEE Transactions on Fuzzy Systems
35.	Granat, J. Batalia, J.M. Mavromoustakis, C.X. Mastorakis, G.	Big Data Analytics for Event Detection in the IoT-Multicriteria Approach	IEEE Internet of Things Journal
36.	Górski, P.J. Bochenina, K. Hołyst, J.A. D'Souza, R.M.	Homophily Based on Few Attributes Can Impede Structural Balance	Physical Review Letters
37.	Gepner, S.W. Yadav, N. Szumbariski, J.	Secondary flows in a longitudinally grooved channel and enhancement of diffusive transport	International Journal of Heat and Mass Transfer

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38.	Cylwa, R. Kiełczewski, K. MacHnik, M. Oleksiewicz, U. Biecek, P.	KRAB ZNF explorer - The online tool for the exploration of the transcriptomic profiles of KRAB-ZNF factors in the Cancer Genome Atlas	Bioinformatics
39.	Craizer, M. Domitrz, W. Rios, P.D.M.	Singular improper affine spheres from a given Lagrangian submanifold	Advances in Mathematics
40.	Chaber, P. Lawrynczuk, M.	AutoMATiC: Code Generation of Model Predictive Control Algorithms for Microcontrollers	IEEE Transactions on Industrial Informatics
41.	Cena, A. Gagolewski, M.	Genie+OWA: Robustifying hierarchical clustering with OWA-based linkages	Information Sciences
42.	Bilski, P.	Analysis of the ensemble of regression algorithms for the analog circuit parametric identification	Measurement
43.	Arabas, J. Jagodziński, D.	Toward a Matrix-Free Covariance Matrix Adaptation Evolution Strategy	IEEE Transactions on Evolutionary Computation
44.	Amoah-Antwi, C. Kwiatkowska-Malina, J. Thornton, S.F. Fenton, O. Malina, G. Szara, E.	Restoration of soil quality using biochar and brown coal waste: A review	Science of the Total Environment