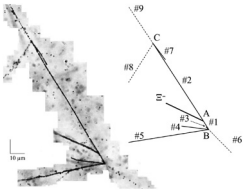

Event seen by the J-PARC E07 Collaboration. A Ξ^- particle interacts with a ^{14}N nucleus at A, creating two Λ hypernuclei which decay at B (to particles #3–6) and C (to particles #7–9). Selected for a Synopsis in *Physics* and an Editors' Suggestion. [S. H. Hayakawa *et al.*, Phys. Rev. Lett. **126**, 062501 (2021)]

NEWSPAPER

PHYSICAL REVIEW LETTERS

Contents

Articles published 6 February–12 February 2021

VOLUME 126, NUMBER 6 12 February 2021

General Physics: Statistical and Quantum Mechanics, Quantum Information, etc.

Faster State Preparation across Quantum Phase Transition Assisted by Reinforcement Learning 060401
Shuai-Feng Guo, Feng Chen, Qi Liu, Ming Xue, Jun-Jie Chen, Jia-Hao Cao, Tian-Wei Mao, Meng Khoon Tey, and Li You

Many-Body Decay of the Gapped Lowest Excitation of a Bose-Einstein Condensate 060402
Jinyi Zhang, Christoph Eigen, Wei Zheng, Jake A. P. Glidden, Timon A. Hilker, Samuel J. Garratt, Raphael Lopes, Nigel R. Cooper, Zoran Hadzibabic, and Nir Navon

Postselection-Free Entanglement Dynamics via Spacetime Duality 060501
Matteo Ippoliti and Vedika Khemani

Quantum-Enabled Communication without a Phase Reference 060502
Quntao Zhuang

All-Optical Optimal N-to-M Quantum Cloning of Coherent States 060503
Shengshuai Liu, Yanbo Lou, Yingxuan Chen, and Jietai Jing

Exact Critical Casimir Amplitude of Anisotropic Systems from Conformal Field Theory and Self-Similarity of Finite-Size Scaling Functions in $d \geq 2$ Dimensions 060601
Volker Dohm and Stefan Wessel

Gravitation and Astrophysics

Combining Electromagnetic and Gravitational-Wave Constraints on Neutron-Star Masses and Radii 061101
Mohammad Al-Mamun, Andrew W. Steiner, Joonas Nättilä, Jacob Lange, Richard O'Shaughnessy, Ingo Tews, Stefano Gandolfi, Craig Heinke, and Sophia Han

Searching for Vector Dark Matter with an Optomechanical Accelerometer 061301
Jack Manley, Mitul Dey Chowdhury, Daniel Grin, Swati Singh, and Dalziel J. Wilson

Fast Flavor Depolarization of Supernova Neutrinos 061302
Soumya Bhattacharyya and Basudeb Dasgupta

Elementary Particles and Fields

Stable Nonsupersymmetric Anti–de Sitter Vacua of Massive IIA Supergravity 061601
Adolfo Guarino, Emanuel Malek, and Henning Samtleben

Twistorial Foundation for the Classical Double Copy 061602
Chris D. White

Nonplanar Cusp and Transcendental Anomalous Dimension at Four Loops in $\mathcal{N} = 4$ Supersymmetric Yang-Mills Theory 061603
B. A. Kniehl and V. N. Velizhanin

Entanglement Entropy in a Holographic Moving Mirror and the Page Curve 061604
Ibrahim Akal, Yuya Kusuki, Noburo Shiba, Tadashi Takayanagi, and Zixia Wei

Quantum Algorithm for High Energy Physics Simulations 062001
Benjamin Nachman, Davide Provasoli, Wibe A. de Jong, and Christian W. Bauer

(Continued Inside)

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0031-9007(20210212)126:6;1-A

Beam Spin Asymmetry in Semi-Inclusive Electroproduction of Hadron Pairs 062002
M. Mirazita *et al.* (CLAS Collaboration)

Nuclear Physics

Observation of Coulomb-Assisted Nuclear Bound State of Ξ^-–^{14}N System 062501
S. H. Hayakawa *et al.* (J-PARC E07 Collaboration)

Atomic, Molecular, and Optical Physics

Sub-Doppler Double-Resonance Spectroscopy of Methane Using a Frequency Comb Probe 063001
Aleksandra Foltynowicz, Lucile Rutkowski, Isak Silander, Alexandra C. Johansson, Vinicius Silva de Oliveira, Ove Axner, Grzegorz Soboń, Tadeusz Martynkien, Paweł Mergo, and Kevin K. Lehmann

Clocking Dissociative Above-Threshold Double Ionization of H_2 in a Multicycle Laser Pulse 063201
Shengzhe Pan, Wenbin Zhang, Hui Li, Chenxu Lu, Weihua Zhang, Qinying Ji, Hanxiao Li, Fenghao Sun, Junjie Qiang, Fei Chen, Jihong Tong, Lianrong Zhou, Wenyu Jiang, Xiaochun Gong, Peifen Lu, and Jian Wu

From Many-Body Oscillations to Thermalization in an Isolated Spinor Gas 063401
Bertrand Evrard, An Qu, Jean Dalibard, and Fabrice Gerbier

Vacancy-like Dressed States in Topological Waveguide QED 063601
Luca Leonforte, Angelo Carollo, and Francesco Ciccarello

Hong-Ou-Mandel Interference with Imperfect Single Photon Sources 063602
H. Ollivier, S. E. Thomas, S. C. Wein, I. Maillette de Buy Wenniger, N. Coste, J. C. Loredo, N. Somaschi, A. Harouri, A. Lemaitre, I. Sagnes, L. Lanco, C. Simon, C. Anton, O. Krebs, and P. Senellart

Unruh and Cherenkov Radiation from a Negative Frequency Perspective 063603
Anatoly Svidzinsky, Arash Azizi, Jonathan S. Ben-Benjamin, Marlan O. Scully, and William Unruh

Nonlinear Dynamics, Fluid Dynamics, Classical Optics, etc.

Brillouin-Kerr Soliton Frequency Combs in an Optical Microresonator 063901
Yan Bai, Menghua Zhang, Qi Shi, Shulin Ding, Yingchun Qin, Zhenda Xie, Xiaoshun Jiang, and Min Xiao

Thermal, Quantum Antibunching and Lasing Thresholds from Single Emitters to Macroscopic Devices 063902
Mark Anthony Carroll, Giampaolo D'Alessandro, Gian Luca Lippi, Gian-Luca Oppo, and Francesco Papoff

Reversible Self-Replication of Spatiotemporal Kerr Cavity Patterns 063903
Salim B. Ivars, Yaroslav V. Kartashov, Lluis Torner, J. Alberto Conejero, and Carles Milián

Catastrophic Phase Inversion in High-Reynolds-Number Turbulent Taylor-Couette Flow 064501
Dennis Bakhuis, Rodrigo Ezeta, Pim A. Bullee, Alvaro Marin, Detlef Lohse, Chao Sun, and Sander G. Huisman

Massively Multiplexed Electrohydrodynamic Tip Streaming from a Thin Disc 064502
Z. Wang, Y. Tian, C. Zhang, Y. Wang, and W. Deng

Plasma and Beam Physics

Extremely Dense Gamma-Ray Pulses in Electron Beam-Multifoil Collisions 064801
Archana Sampath, Xavier Davoine, Sébastien Corde, Laurent Gremillet, Max Gilljohann, Maitreyi Sangal, Christoph H. Keitel, Robert Ariniello, John Cary, Henrik Ekerfelt, Claudio Emma, Frederico Fiuza, Hiroki Fujii, Mark Hogan, Chan Joshi, Alexander Knetsch, Olena Kononenko, Valentina Lee, Mike Litos, Kenneth Marsh, Zan Nie, Brendan O'Shea, J. Ryan Peterson, Pablo San Miguel Claveria, Doug Storey, Yipeng Wu, Xinlu Xu, Chaojie Zhang, and Matteo Tamburini

Ultrafast Thermal Melting in Nonequilibrium Warm Dense Copper 065001
N. Jourdain, L. Lecherbourg, V. Recoules, P. Renaudin, and F. Dorchies

Condensed Matter: Structure, etc.

Exact Spectral Function of a Tonks-Girardeau Gas in a Lattice 065301
J. Settino, N. Lo Gullo, F. Plastina, and A. Minguzzi

(Continued on Preceding Page)

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By suggesting a few manuscripts each week, we hope to promote reading across fields. Please see our Announcement Phys. Rev. Lett. 98, 010001 (2007)

Extending the Stability Field of Polymeric Carbon Dioxide Phase V beyond the Earth's Geotherm 065701
Demetrio Scelta, Kamil F. Dziubek, Martin Ende, Ronald Miletich, Mohamed Mezouar, Gaston Garbarino, and Roberto Bini

Tungsten Hexanitride with Single-Bonded Armchairlike Hexazine Structure at High Pressure 065702
Nilesh P. Salke, Kang Xia, Suyu Fu, Youjun Zhang, Eran Greenberg, Vitali B. Prakapenka, Jin Liu, Jian Sun, and Jung-Fu Lin

Roughness and Scaling Properties of Oxide Glass Surfaces at the Nanoscale 066101
Zhen Zhang, Simona Ispas, and Walter Kob

Condensed Matter: Electronic Properties, etc.

Higher-Order Band Topology in Twisted Moiré Superlattice 066401
Bing Liu, Lede Xian, Haimen Mu, Gan Zhao, Zhao Liu, Angel Rubio, and Z. F. Wang

Odd-Parity Spin-Triplet Superconductivity in Centrosymmetric Antiferromagnetic Metals 067001
Seung Hun Lee, Hong Chul Choi, and Bohm-Jung Yang

Two Phases Inside the Bose Condensation Dome of $Yb_2Si_2O_7$ 067201
Michael O. Flynn, Thomas E. Baker, Siddharth Jindal, and Rajiv R. P. Singh

Topological One-Way Large-Area Waveguide States in Magnetic Photonic Crystals 067401
Mudi Wang, Ruo-Yang Zhang, Lei Zhang, Dongyang Wang, Qinghua Guo, Zhao-Qing Zhang, and C. T. Chan

Femtosecond Transfer and Manipulation of Persistent Hot-Trion Coherence in a Single CdSe/ZnSe Quantum Dot 067402
P. Henzler, C. Traum, M. Holtkemper, D. Nabben, M. Erbe, D. E. Reiter, T. Kuhn, S. Mahapatra, K. Brunner, D. V. Seletskiy, and A. Leitenstorfer

Measurement of Conduction and Valence Bands g-Factors in a Transition Metal Dichalcogenide Monolayer 067403
C. Robert, H. Dery, L. Ren, D. Van Tuan, E. Courtade, M. Yang, B. Urbaszek, D. Lagarde, K. Watanabe, T. Taniguchi, T. Amand, and X. Marie

Quasicondensation of Bilayer Excitons in a Periodic Potential 067404
Camille Lagoin, Stephan Suffit, Kenneth West, Kirk Baldwin, Loren Pfeiffer, Markus Holzmann, and François Dubin

Polymer, Soft Matter, Biological, Climate, and Interdisciplinary Physics

Thermoelectric Ratchet Effect for Charge Carriers with Hopping Dynamics 068001
Alois Würger

Errata

Erratum: Many-Body Models for Molecular Nanomagnets [Phys. Rev. Lett. **110**, 157204 (2013)] 069901
A. Chiesa, S. Carretta, P. Santini, G. Amoretti, and E. Pavarini

Erratum: Comment on "Free-Electron–Bound-Electron Resonant Interaction" [Phys. Rev. Lett. **126**, 019501 (2021)] 069902
F. Javier García de Abajo

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