

学術番号	所属 研究室	発表日	発表の時間	論文タイトル (書籍の場合は章の番号とタイトル)	著者	雑誌名、書籍	号数 (volume)	ページ	論文の 発表年	doi
2020041046	理論	2023/10/25	13:25-13:50	Fluctuation Theorem with Information Exchange: Role of Correlations in Stochastic Thermodynamics	T. Sagawa and M. Ueda	<i>Phys. Rev. Lett.</i>	109	180602	2012	doi:https://doi.org/10.1103/PhysRevLett.109.180602
2020041005	松本	2023/10/25	13:50-14:15	Measurement of quantum back action in the audio band at room temperature	Jonathan Cripe et al.	<i>Nature</i>	568	364-367	2019	doi:10.1038/s41586-019-1051-4
2020041021	松本	2023/10/25	14:15-14:40	Passive Laser Power Stabilization via an Optical Spring	Torrey Cullen et al.	<i>Optics Letters</i>	47	2746-2749	2022	doi:10.1364/OL.456535
2020041006	町田	2023/10/25	14:50-15:15	Observation of the Dirac fluid and the breakdown of the Wiedemann-Franz law in graphene	Jesse Crossno et al.	<i>Science</i>	351	1058-1061	2015	doi: 10.1126/science.aad0343
2020041012	町田	2023/10/25	15:15-15:40	Correlation between thermopower and carrier mobility in the thermoelectric semimetal Ta ₂ PdSe ₆	Nakano. A et al.	<i>Applied Physics Letters</i>	121	153903 1-5	2022	doi: 10.163/5.0102434
2020041013	平野	2023/10/25	15:40-16:05	Experimental quantum key distribution certified by Bell's theorem	D. P. Nadlinger et al.	<i>Nature</i>	607	682-686	2022	doi:https://doi.org/10.1038/s41586-022-04941-5
2020041007	平野	2023/10/25	16:05-16:30	Sub-Mbps key-rate continuous-variable quantum key distribution with local local oscillator over 100-km fiber	Yaodi Pi et al.	<i>Optics Letters</i>	48	1766-1769	2023	doi:https://doi.org/10.1364/OL.485913
2020041002	松本	2023/11/01	13:20-13:45	Laser power stabilization via radiation pressure	Marina Trad Nery et al.	<i>Optics letters</i>	46	1946-1949	2021	doi:10.1364/OL.422614
2020041022	松本	2023/11/01	13:45-14:10	Thermal-Noise Limit in the Frequency Stabilization of Lasers with Rigid Cavities	Kenji Numata, Amy Kemery, and Jordan Camp	<i>Physical Review Letters</i>	93	250602 1-4	2004	doi:10.1103/PhysRevLett.93.250602
2020041015	町田	2023/11/01	14:10-14:35	Anomalous Nernst Effect in the Dirac Semimetal Cd ₃ As ₂	Tian Liang et al.	<i>PHYSICAL REVIEW LETTERS</i>	118	136601 1-5	2017	doi:10.1103/PhysRevLett.118.136601
2020041016	町田	2023/11/01	14:35-15:00	Experimental signatures of a versatile Weyl semimetal in a pyrochlore iridate with spin-ice-like magnetic orders	Kentaro Ueda et al.	<i>PHYSICAL REVIEW B</i>	105	L161102-1-L161102-6	2022	doi:10.1103/PhysRevB.105.L161102
2020041020	町田	2023/11/01	15:10-15:35	Single crystal growths and magnetic properties of hexagonal polor semimetals RAuGe (R = Y, Gd-Tm, and Lu)	Takashi Kurumaji et al.	<i>Journal of Alloys and Compounds</i>	947	169475 1-8	2023	doi:10.1016/j.jallcom.2023.169475
2020041017	平野	2023/11/01	15:35-16:00	Continuous Bose-Einstein condensation	Chun-Chia Chen et al.	<i>Nature</i>	606	683-687	2022	doi:https://doi.org/10.1038/s41586-022-04731-z
2018041008	渡邊	2023/11/01	16:00-16:25	A NEW APPROACH TO THE CALORIMETRIC INVESTIGATION OF PHYSICAL AND CHEMICAL TRANSITIONS	M.Reading, D.Elliott and V.L.Hill	<i>Journal of Thermal Analysis</i>	40	949-955	1993	doi:
2020041001	渡邊	2023/11/01	16:25-16:50	Surface tension of liquid ⁴ He as measured using the vibration modes of a levitated drop	C. Vicente, W. Yao, H. J. Maris, and G. M. Seidel	<i>Physical Review B</i>	66	214504 1-7	2002	doi: 10.1103/PhysRevB.66.214504
2018041055	理論	2023/11/8	13:20-13:45	2. Spatial Pattern Formation with Reaction Diffusion Systems	S.S. Antman et al.	<i>Mathematical Biology II: Spatial Models and Biomedical Applications (Springer)</i>	839	71-191	2003	doi:
2020041029	理論	2023/11/8	13:45-14:10	平衡と非平衡の確率過程	田崎清明	<i>数理科学</i>	717	*.*	2023	doi:
2020041033	理論	2023/11/8	14:10-14:35	Quantum distance and anomalous Landau levels of flat bands	Jun-Won Rhim et al.	<i>Nature</i>	584	59-63	2020	doi:https://doi.org/10.1038/s41586-020-2540-1
2020041031	西坂	2023/11/8	14:35-15:00	Evidence for Tow Extremes of Ciliary Motor Response in a Single Swimming Microorganism	Ilyong Jung,Thomas R.Powers,Jams M	<i>Biophysical Journal</i>	106	106-113	2014	doi:
2020041008	渡邊	2023/11/08	15:10-15:35	Pulsed Field Magnetization of Melt-Processed Y-Ba-Cu-O Superconducting Bulk Magnet	Yoshitaka ITOH et al.	<i>Jpn. J. Appl. Phys</i>	35	2114-2125	1996	doi:
2020041009	渡邊	2023/11/8	15:35-16:00	Measuring the Curie temperature	K. Fabian, V. P. Shcherbakov, S. A. McEnroe	<i>Geochemistry Geophysics Geosystems</i>	14	947-961	2013	doi:10.1029/2012GC004440
2020041050	平野	2023/11/8	16:00-16:25	Chromatic dispersion dependence of GAWBS phase noise compensation with pilot tone	Kozo Sato et al.	<i>Optics EXPRESS</i>	29	10676-10687	2021	doi:10.1364/OE.418891
2020041024	平野	2023/11/8	16:25-16:50	Twin-field quantum key distribution over 830-km fibre	Shuang Wang et al.	<i>Nature</i>	16	154-161	2022	doi:https://doi.org/10.1038/s41566-021-00928-2

2020041035	理論	2023/11/15	13:20-13:45	Information loss problem and a 'black hole' model with a closed apparent horizon	Valeri P. Frolov	<i>Journal of High Energy Physics</i>	49	*.*	2014	doi: 10.1007/JHEP05(2014)049
2020041036	理論	2023/11/15	13:45-14:10	Thermal Equilibrium of the Atmosphere with a Given Distribution of Relative Humidity	Syukuro Manabe, Richard T. Wetherald	<i>Journal of the atmospheric sciences</i>	24	241-259	1967	doi:
2020041038	理論	2023/11/15	14:10-14:35	Formation and evaporation of regular black holes	Sean A. Hayward	<i>Phys.Rev.Lett.</i>	96	31103	2006	doi:https://doi.org/10.1103/PhysRevLett.96.031103
2020041030	松本	2023/11/15	14:35-15:00	Magnonic Einstein–de Haas Effect: Ultrafast Rotation of Magnonic Microspheres	A. Kani, F. Quijandria, and J. Twamley	<i>PHYSICAL REVIEW LETTERS</i>	129	257201 1-7	2022	doi:https://doi.org/10.1103/PhysRevLett.129.257201
2020041045	町田	2023/11/15	15:10-15:35	Phonon localization in heat conduction	M. N. Luckyanova et al.	<i>Science advances</i>	45028	*.*	2018	doi: 10.1126/sciadv.aat9460
2020041014	渡邊	2023/11/15	15:35-16:00	Effects of quenching process on microstructure, mechanical properties and magnetic susceptibility in Zr-1Mo alloy fabricated by powder bed fusion process	Xiaohao Sun et al.	<i>Material and Design</i>	187	108356 1-11	2020	doi: 10.1016/j.matdes.2019.108356
2020041025	渡邊	2023/11/15	16:00-16:25	History and recent progress of QMG™ and QMG bulk magnets	M Morita	<i>Journal of Physics: Conference Series</i>	1054	012046 1-8	2018	doi:10.1088/1742-6596/1054/1/012046
2020041041	理論	2023/11/22	13:20-13:45	Introduction to basic concepts of gravitational lensing	Ramesh Narayan, Sylvania Wallington	<i>Lecture Notes in Physics</i>	406	12-26	1992	doi:https://doi.org/10.1007/3-540-55797-0_76
2020041023	理論	2023/11/22	13:45-14:10	Understanding the Physics Behind Topological Insulators Through Su-Schrieffer-Heeger Model	Navketan Batra and Goutam Sheet	<i>Resonance</i>	25	765-786	2020	doi:https://doi.org/10.1007/s12045-020-0995-x
2017041038	理論	2023/11/22	14:10-14:35	TBA (確認中)	—			*.*		doi:
2020041037	西坂	2023/11/22	14:35-15:00	Fouling of microfiltration membranes by bidisperse particle solution	Haichao Wu, Alexander Kanora, Daniel K.Schwartz	<i>Journal of Membrane Science</i>	641	44935	2022	doi:
2020041049	西坂	2023/11/22	15:10-15:35	Bio-hybrid micro-swimmers propelled by flagella isolated from <i>C. reinhardtii</i>	Azam Gholami et al.	<i>Soft Matter</i>	18	4767-4777	2022	doi:10.1039/d2sm00574c
2020041039	渡邊	2023/11/22	15:35-16:00	Ultrafast X-ray imaging of laser–metal additive manufacturing processes	Niranan D. Parab et al.	<i>J.Synchrotron.Radiat.</i>	25	1467-1477	2018	doi:10.1107/S1600577518009554
2020041047	町田	2023/11/22	16:00-16:25	Extreme magnetoresistance in magnetic rare-earth monpnictides	Linda Ye et al.	<i>PHYSICAL REVIEW B</i>	97	81108	2018	doi:10.1103/PhysRevB.97.081108
2020041027	平野	2023/11/22	16:25-16:50	Comparing ultrastable lasers at $7 \times 10^{\wedge}17$ fractional frequency instability through a 2220 km optical fibre network	M.Schioppo et al.	<i>Nature</i>	212	*.*	2022	doi:10.1038/s41467-021-27884-3
2020041055	理論	2023/11/29	13:20-13:45	The Bar Modes of Uniformly Rotating Stellar Disks	A. J. Kalnajs, E. Athanassoula-Georgala	<i>Monthly Notices of the Royal Astronomical Society</i>	168	287-290	1974	doi:https://doi.org/10.1093/mnras/168.2.287
2019041038	理論	2023/11/29	13:45-14:10	Heat-assisted detection and ranging	Fanglin Bao et al.	<i>Nature</i>	619	743-748	2023	doi:10.1038/s41586-023-06174-6
2018041012	理論	2023/11/29	14:10-14:35	TBA (確認中)	—			*.*		doi:
2020041051	平野	2023/11/29	14:35-15:00	Coherent phase transfer for real-world twin-field quantum key distribution	Cecilia Clivati et al.	<i>Nature</i>	13	157	2022	doi:https://doi.org/10.1038/s41467-021-27808-1
2020041052	町田	2023/11/29	15:10-15:35	Massive Dirac fermions in a ferromagnetic kagome metal	Linda Ye et al.	<i>NATURE</i>	555	638-650	2018	doi:10.1038/nature25987
2018041018	西坂	2023/11/29	15:35-16:00	Diurnal Variations in the Motility of Populations of Biflagellate Microalgae	Di Jin	<i>Biophysical Journal</i>	119	2055-2062	2020	doi:
2018041032	西坂	2023/11/29	16:00-16:25	Chapter 6. Movement of Self-propelled Objects	Howard C. Berg	<i>Random Walks in biology</i>		75-93	1983	doi:
2020041004	理論	2023/12/06	13:20-13:45	Principles of the Kinetic Theory of Gases	HardId Grad	<i>Thermodynamik der Gass/Thermodynamics of Gases</i>	12	205-294	1958	doi:
2019041004	理論	2023/12/6	13:45-14:10		Robert Zwanzig	<i>Nonequilibrium Statistical Mechanics (Oxford University Press)</i>		30-47	2001	doi:

2019041041	理論	2023/12/6	14:10-14:35	Discovering faster matrix multiplication algorithms with reinforcement learning	Fawzi, A., Balog, M., Huang, A. et al.	<i>Nature</i>	610	47-53	2022	doi:10.1038/s41586-022-05172-4
2020041043	理論	2023/12/6	14:35-15:00	Ground state of a spin-1/2 charged particle in a two-dimensional magnetic field	Y. Aharonov, A. Casher	<i>PHYSICAL REVIEW A</i>	19	19-20	1979	doi:
2019041007	松本	2023/12/6	15:10-15:35	Observation and characterization of an optical spring	Benjamin S. et al.	<i>PHYSICAL REVIEW A</i>	69	051801 1-4	2004	doi:10.1103/PhysRevA.69.051801
2019041029	松本	2023/12/6	15:35-16:00	Superconducting levitation of a mg-scale cavity mirror	Xiaodong JIang, Josiah Rudge, Mahdi Hosseini	<i>Applied Physics Letters</i>	116	244103 1-5	2020	doi:
2019041039	松本	2023/12/6	16:00-16:25	Hybridizing Ferromagnetic Magnons and Microwave Photons in the Quantum Limit	Phys. Rev. Lett	<i>Physical Review Letters</i>	113	*-*	2014	doi: