

List of Symposia & Workshops (April 2024–March 2025)

RNC			
1	sPHENIX Collaboration meeting	Online, Brookhaven National Laboratory	May 28–31
2	「EIC で展開する新たな原子核・素粒子物理」研究会 https://indico3.cns.s.u-tokyo.ac.jp/event/315/	Online, Koshiba Hall, Tokyo U.	May 28-30
3	International Technical Safety Forum 2024 (ITSF2024) https://j-parc.jp/safety/ITSF2024/	Administrative Headquarters, Large Meeting Room	Jun. 27-28
4	第 36 回研究会「タンデム加速器及びその周辺技術の研究会」 https://indico2.riken.jp/event/4812/overview	Okochi Hall	Jun. 27-28
5	Exploring the heavy exotic neutron-rich nuclides via multinucleon transfer reactions (MNT2024) https://indico2.riken.jp/event/4644/	RIBF 2F Large Meeting Room	Jul. 2–5
6	12th International conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions (Hard Probe 2024) https://indico.cern.ch/event/1339555/	Dejima Messe Nagasaki	Sep. 22-27
7	22nd International Conference on Recent Progress in Many-Body Theories (RPMBT22) https://project.ccs.tsukuba.ac.jp/event/23/	Kasuga Auditorium, U. of Tsukuba	Sep. 23–27
8	研究会「核反応の時間発展ダイナミクスの解明に向けて」 https://conference-indico.kek.jp/event/286/timetable/	RIBF 2F Large Meeting Room	Sep. 25–26
9	Low-Energy Electron Scattering for Nucleon and Exotic Nuclei (LEES2024) https://indico.lns.tohoku.ac.jp/event/255/overview	Tokyo Electron House of Creativity, Tohoku Univ.	Oct. 28- Nov. 1
10	森田浩介特別顧問 最終講演会	RIBF 2F Large Meeting Room	Nov. 1
11	科学講演会「科学者に聞いてみよう「ニホニウムってなんだ!？」～誕生 20 周年記念講演会～」 https://www.nishina.riken.jp/enjoy/nihoniumu_koen2024.html	Administrative Headquarters, Large Meeting Room	Nov. 3
12	小濱洋央さん追悼研究会「中間エネルギー ハドロン原子核散乱の進展と応用」 https://indico2.riken.jp/event/5021/overview	RIBF 2F Large Meeting Room	Nov. 30
13	International expert meeting on challenging issues of next-generation high-intensity in-flight separators (Expert meeting)	RIBF 2F Large Meeting Room	Jan. 14-16
14	Advancing physics at next RIBF (ADRI25) https://indico2.riken.jp/event/5005/	Nishina Hall	Jan. 22-23
15	第 11 回 RNC 品種改良ユザー会 RIKEN Symposia: Breeding of varieties adapted to environmental changes using heavy-ion irradiation https://www.riken.jp/en/news_pubs/events/symposia/20250123_2/index.html	Suzuki Umetaro Hall	Jan. 23-24
16	プラズマ・イオンビームの基礎と応用に関するスクール https://indico2.riken.jp/event/5121/overview	RIBF 2F Large Meeting Room	Feb. 20-21
17	Single-particle and collective motions from nuclear many-body correlation (PCM2025) https://indico3.cns.s.u-tokyo.ac.jp/event/320/	Main Lecture Hall, U. of Aizu	Mar. 4-7
18	TRIP Usecase: Nuclear Transmutation 2025 https://indico2.riken.jp/event/5014/	RIBF 2F Large Meeting Room	Mar. 10-12
CNS			
1	EIC で展開する新たな原子核・素粒子物理 https://indico3.cns.s.u-tokyo.ac.jp/event/315/	Koshiba-hall, U. of Tokyo	May 28-30

2	次世代 DAQ・トリガーシステムを目指して -コライダー・エレクトロニクスフォーラム・SPADI- alliance 合同研究会- https://kds.kek.jp/event/51025/	KEK, Tsukuba Campus	Jul. 17-18
3	Joint Sunflower and SHARAQ/OEDO workshop https://indico2.riken.jp/event/4819/	Nishina Hall	Sep. 5-7
4	Streaming Readout Workshop SRO-XII https://indico.bnl.gov/event/24286/	Koshiba-hall, U. of Tokyo	Dec. 2-3
5	Nucleosynthesis and Evolution of Neutron Stars (XRB2025) https://indico.yukawa.kyoto-u.ac.jp/event/46/	Maskawa Hall, Yukawa Institute, Kyoto U.	Jan. 27-30
6	Physics Opportunities Using the 8pi spectrometer at RCNP https://indico.rcnp.osaka-u.ac.jp/event/2503	Lecture Room 1, RCNP, Osaka U.	Feb. 4-5
7	The 3rd Workshop on Signal processing and data acquisition infrastructure (SPADI2025) https://indico.rcnp.osaka-u.ac.jp/event/2469/	Mikamine Site, RARiS, Tohoku U.	Mar. 24-25
8	宇核連研究会 2025 ～元素の起源天体と星の化学進化～ https://kds.kek.jp/event/53110/	Kobayashi Hall, Tsukuba Campus, KEK	Mar. 24-26

KEK

1	International workshop MNT2024 - Exploring the heavy exotic neutron-rich nuclides via multinucleon transfer reactions (MNT2024)	RIBF 2F Large meeting room	Jul. 2-5
2	SSRI-PNS Collaboration meeting 2024	online	Sep. 4-5
3	宇核連研究会 2025 ～元素の起源天体と星の化学進化～	Kobayashi hall, Tsukuba Campus, KEK	Mar. 24-26

List of Seminars (April 2024—March 2025)

Nuclear Physics Monthly Colloquium

	Not held in 2024		
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RIBF Nuclear Physics Seminar

1	Enrico Vigezzi (Istituto Nazionale di Fisica Nucleare)	Many-body effects in the structure and reaction of nuclei with one-and two-valance nucleons https://indico2.riken.jp/event/4740/	Feb. 1
2	Yi-Hua Lam (Chinese Academy of Sciences)	Sensitivity of SAX J1808.4-3658: Phosospheric radius Expansion bursts to thermonuclear reaction-rate variations https://indico2.riken.jp/event/4758/	Feb. 27
3	Taiki Tanaka (GANIL)	Dynamics of heavy and superheavy element synthesis: transition from deep-inelastic collisions to fusion via quasifission https://indico2.riken.jp/event/4759/	Mar. 5
4	Yosuke Kondo (RIKEN)	First observation of ^{28}O https://indico2.riken.jp/event/5004/	Oct. 17
5	Baha Balantekin (U. of Wisconsin-Madison)	Entanglement of astrophysical neutrinos https://indico2.riken.jp/event/5087/	Dec. 10
6	Yuuka Kanakubo (RIKEN iTHEMS)	Studying quark-gluon plasma with multi-stage dynamical models in relativistic nuclear collisions https://indico2.riken.jp/event/5088/	Dec. 10

7	Gordon Baym (U. of Illinois)	The Golden Age of Neutron Stars https://indico2.riken.jp/event/5187/	Mar. 17
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RIBF ULIC Symposium/mini-WS

1	RIBF UCLIC mini-WS040	How can laser spectroscopy at KISS contribute valuable insights to nuclear models? https://indico2.riken.jp/event/5123/	May 16
2	RIBF UCLIC mini-WS041	Structure of neutron-rich matter revealed by beta decay https://indico2.riken.jp/event/4850/	Jul. 29 - Jul. 30
3	RIBF UCLIC mini-WS042	Exploring nuclear shapes through RIBF studies and high-energy nuclear collisions https://indico2.riken.jp/event/4878/	Sep. 30

Seminar by Each Laboratory

Subnuclear System Research Division

1	Richard Hill (U. of Kentucky)	HET Seminar Field Theory of the Fermi Function (hybrid)	Apr. 4
2	Martin Beneke (Technical U. of Munich)	RBRC Seminar QED effects in exclusive B decays and light-cone distribution amplitudes (hybrid)	Apr. 4
3	Avia Raviv-Moshe (Stony Brook U.)	NT/RBRC seminar Line Defects in CFTs: from Magnets and Impurities to Wilson Lines (hybrid)	Apr. 5
4	Chris Lee (LANL)	HET Seminar Mind the Gap: Bridging Differences in Determinations of the Strong Coupling from Event Shapes (hybrid)	Apr. 11
5	Jorge Golan (BNL)	RBRC Seminar A new (but not so new) renormalization scheme for performing coupling calculations (hybrid)	Apr. 11
6	Nathan Wiebe (U. of Washington)	Special NT Seminar ISimulating Scalar Quantum Field Theories on Quantum Computers (hybrid)	Apr. 15
7	Adam Falkowski (Laboratoire de Physique Théorique d'Orsay)	HET Seminar Constraints on new physics from nuclear beta transitions (hybrid)	Apr. 18
8	Dekrayat Almaalol (UIUC)	RBRC Seminar Theory constraints on relativistic 2nd-order dissipative hydrodynamics evolution with BSQ conserved charges (hybrid)	Apr. 18
9	Andrey Tarasov (North Carolina State U.)	NT/RBRC Seminar A unified description of DGLAP, CSS, and BFKL: TMD factorization bridging large and small x (hybrid)	Apr. 19
10	Tobias Frederico (Instituto Tecnológico de Aeronáutica)	SNP Seminar Discrete scale symmetry and non-integer dimensions in few-body systems at the unitarity limit (virtual)	Apr. 23
11	Yushan Su (U. of Maryland)	RBRC Seminar Threshold resummation for calculating large-x parton distribution through large momentum effective theory (hybrid)	Apr. 25
12	Jennie D'Ambrose (State U. of New York)	NT/RBRC Seminar Bright and dark structures on a torus for the nonlinear schr-odinger model (hybrid)	Apr. 26
13	Anil Thapa (U. of Virginia)	HET Seminar Predictive Dirac neutrino spectrum with parity solution to the strong CP problem (hybrid)	May 2

14	Luca Maxia (LPTHE)	RBRC seminar Accessing gluon TMDs through Quarkonium observables (hybrid)	May 2
15	Daniel Boer (U. of Groningen)	NT/RBRC Seminar Generalized Transverse Momentum Distributions (hybrid)	May 3
16	Andrea Bulgarelli (U. of Turin & INF)	RBRC Seminar Duality and entanglement in lattice gauge theories (hybrid)	May 9
17	Cristian Pisano (U. Cagliari)	NT/RBRC Seminar Transverse momentum distributions of quarks and gluons inside the proton (hybrid)	May 10
18	Matt Schwartz (Harvard U.)	HET Seminar Sukdaov shoulder resummation for heavy jet mass (hybrid)	May 16
19	Carlos Tamarit (Johannes Gutenberg- Universität Mainz)	HET Seminar Strong CP? No problem! (hybrid)	May 23
20	Gerrit Schierholz (DESY)	RBRC Seminar Absence of strong CP violation (hybrid)	May 23
21	Vladimir Khachatryan (Indiana U.)	NT Seminar Radiative corrections in unpolarized elastic electron-deuteron scattering and deuteron charge radius puzzle (hybrid)	May 24
22	Evan Berkowitz (Forschungszentrum Jülich)	RBRC Seminar Exact lattice chiral symmetry in 2D gauge theory (hybrid)	May 29
23	Varun Vaidya (U. of Soutn Dakota)	RBRC Seminar Power counting to Jet Quenching (hybrid)	May 30
24	Adnan Bashir (UMSNH)	NT/RBRC Seminar Internal Structure of Pions and Kaons – A Continuum QCD Approach (hybrid)	May 31
25	Makiko Nio (RIKEN)	SNP Seminar Anomalous magnetic moments of leptons: an overview of recent progress (hybrid)	Jun. 3
26	Srimoyee Sen (Iowa State U.)	RBRC Seminar Weyl fermions on a finite lattice (hybrid)	Jun. 6
27	Asmita Mukherjee (Indian institute of Technology Bombay)	NT/RBRC Seminar Probing gluon TMDs in J/psi production processes at the EIC (hybrid)	Jun. 7
28	Francesco Sannino (Scuola Superior Meridionale)	HET Seminar Living on the edge: Quantum black hole physics from the event horizon (hybrid)	Jun. 7
29	Varun Vaidya (U. of Soutn Dakota)	RBRC Seminar Power counting to Jet Quenching (hybrid)	Jun. 10
30	Sven-Olaf Moch (DESY)	NT/RBRC Seminar QCD evolution at 1% precision (hybrid)	Jun. 14
31	Luigi Bellafronte (Florida State U.)	HET Seminar SMEFT gluon fusion single Higgs (hybrid)	Jun. 20
32	Tobias Frederico (Instituto Tecnológico de Aeronáutica)	NT/RBRC Seminar Nucleon and pion structure in Minkowski space (hybrid)	Jun. 21
33	Prabal Adhikari (St. Olaf College)	RBRC Seminar Topological cumulants and finite volume thermodynamics in a uniform abstract: magnetic field - perspectives from chiral perturbation theory (hybrid)	Jun. 27
34	Swagatam Tah (Institute of Mathematical Sciences)	NT/RBRC Seminar Structure of Non-perturbative High Temperature QCD and the onset of Dimensional Reduction picture from 4D -> 3D (hybrid)	Jun. 28

35	Alessandro Bacchetta (Università di Pavia)	RBRC Seminar Advancements and challenges in understanding the structure of the proton in 3-D momentum space (hybrid)	Jul. 11
36	Sara Murciano (California Institute of Technology)	NT/RBRC Seminar Quantum criticality under imperfect teleportation (hybrid)	Jul. 12
37	Kazuhiro Watanabe (Seikei U.)	SNP Seminar Nucleon structure from high pT observables (hybrid)	Jul. 16
38	Sebastian Grieneringer (Stony Brook U.)	RBRC Seminar Quasi-parton distributions and Quasi-fragmentation functions in the massive Schwinger model	Jul. 18
39	Jake Montgomery (Old Dominion U.)	NT/RBRC Seminar Toward quantum simulations for nuclear physics using qubits and qumodes (hybrid)	Jul. 19
40	Karunya Shirali (Virginia Tech.)	NT/RBRC Seminar Ground-state preparation of lattice models: examples from condensed matter physics and nuclear physics (hybrid)	Jul. 19
41	Piotr Kotko (AGH UST)	RBRC Seminar Computing scattering amplitudes made easy using field transformations (hybrid)	Jul. 25
42	Julian Heeck (U. of Virginia)	HET Seminar Dirac neutrinos and the matter asymmetry of our universe (hybrid)	Jul. 26
43	Jani Penttala (UCLA)	RBRC Seminar Impact-parameter dependence in the color-glass condensate (hybrid)	Aug. 1
44	Feng Kun Guo (Institute of Theoretical Physics)	SNP Seminar Predicting isovector charmonium-like states from X(3872) properties (hybrid)	Aug. 5
45	Michael Lublinsky (Ben-Gurion U. of the Negev)	RBRC Seminar Running coupling and resummation in the JIMWLK Hamiltonian (hybrid)	Aug. 8
46	Roland Farrell (InQubator for Quantum Simulation)	NT/RBRC Seminar Quantum Simulations of Hadron Dynamics in the Schwinger Model using 112 Qubits (hybrid)	Aug. 9
47	Sangyong Jeon (McGill U.)	RBRC Seminar Nuclear structure dependences in relativistic heavy ion collisions (hybrid)	Aug. 15
48	Bruno Scheihing Hirschfeld (KITP)	NT/RBRC Seminar An adiabatic description of hydrodynamization in the kinetic theory of a gluon plasma (hybrid)	Aug. 16
49	Mark Strikman (Penn State U.)	RBRC Seminar Exploring color fluctuations in p-A and gamma-A collisions with forward neutrons at RHIC and LHC (hybrid)	Aug. 22
50	Gabriele Parisi (U. of Catania)	RBRC Seminar Heavy Quark dynamics in non boost-invariant Glasma (hybrid)	Aug. 29
51	Tim Hobbs (ANL)	HET Seminar Recent developments in AI/ML methods for PDF theory (hybrid)	Sep. 5
52	Xabier Feal (IGFAE)	RBRC Seminar Anomalous soft photon (hybrid)	Sep. 5
53	Takaharu Otsuka (U. of Tokyo)	SNP Seminar Prevailing triaxial shapes in atomic nuclei and a quantum theory of rotation of composite objects (hybrid)	Sep. 11
54	Ivan Esteban (U. of the Basque Country)	HET Seminar Accreting neutron stars: the potential third MeV astrophysical neutrino source (hybrid)	Sep. 12
55	Edmond Iancu (Institut de Physique Théorique de Saclay)	RBRC Seminar Jet definition and TMD factorisation in SIDIS (hybrid)	Sep. 12

56	Chueng-Ryong Ji (North Carolina State U.)	SNP Seminar Link between QCD and the Light-Front Quark Model (virtual)	Sep. 13
57	Nori Sogabe (Keio U.)	NT/RBRC Seminar Berry curvature and the topology of spin-one color superconductor (hybrid)	Sep. 13
58	Maxim Chernodub (Institut Denis Poisson)	RBRC Seminar QCD in non-inertial frames: effects of vorticity and acceleration on thermodynamics and phase structure of quark-gluon plasma (hybrid)	Sep. 19
59	Ben Stefanek (IFIC)	HET Seminar The flavor of phenomenology in the precision era (hybrid)	Sep. 26
60	Romuald Janik (Jagiellonian U.)	RBRC Seminar Some surprises in strongly coupled dynamics with a phase transition (hybrid)	Sep. 26
61	Azwinndini Muronga (Nelson Mandela U.)	NT/RBRC Seminar Developments in relativistic dissipative fluid dynamics theories beyond second-order formalism (hybrid)	Sep. 27
62	Xilling Zhang (Michigan State U.)	SNP Seminar On extracting and emulating nuclear continuum physics from bound-state-like calculations (hybrid)	Oct. 1
63	Yao Ma (Institute of Theoretical Physics)	HET Seminar Identifying regions for asymptotic expansions of amplitudes (hybrid)	Oct. 3
64	Yasufumi Nakano (Monash U.)	SNP Seminar Theory of dipolariton interactions in semiconductor microcavities (hybrid)	Oct. 7
65	Rebecca von Kuk (DESY)	HET Seminar Mass effects in the Higgs q_T spectrum (hybrid)	Oct. 10
66	Dominik Hellmann (TU Dortmund U.)	HET Seminar New sources of decoherence in neutrino oscillations - challenges and opportunities (hybrid)	Oct. 17
67	David Frenklakh (BNL)	RBRC Seminar Quantum dynamics of entanglement and hadronization in jet production in the massive Schwinger model (hybrid)	Oct. 17
68	Sota Yoshida (Utsunomiya U.)	SNP Seminar Emulators of nuclear structure calculations and their Julia implementations (hybrid)	Oct. 23
69	Felix Erben (CERN)	HET Seminar The p and K resonances from lattice QCD at physical quark masses (hybrid)	Oct. 31
70	Eric Kolbusz (Baruch college)	NT/RBRC Seminar Quantum correlations in double quark distributions (hybrid)	Nov. 8
71	Silvia Zanolini (U. of Oxford)	HET Seminar LHC physics at NNLO+PS accuracy with MiNNLOPS (hybrid)	Nov. 14
72	Fei Yao (BNL)	RBRC Seminar Connecting euclidean to light-cone correlations: extracting partonic structure of hadrons from lattice QCD (hybrid)	Nov. 14
73	Guillaume Hupin (Université Paris-Saclay)	SNP Seminar Extending Traditional Configuration Interaction Methods to Continuum and Exotic Nuclear States (hybrid)	Nov. 15
74	Renata Zukanovich Funchal (U. of Sao Paulo)	HET Seminar New windows for inelastic dark matter (hybrid)	Dec. 5
75	Hayato Kanno (RBRC)	RBRC Seminar Grassmann tensor renormalization group for 2-flavor massive Schwinger model with a theta term (hybrid)	Dec. 5

76	Andreas Geissel (TU Dortmund U.)	NT/RBRC Seminar Equation of state of cold and dense quark matter (hybrid)	Dec. 6
77	David Rogerson (Rutgers U.)	RBRC Seminar Quantum circuit optimization using differentiable tensor network states (hybrid)	Dec. 12
78	Aaron Meyer (LLNL)	HET Seminar The nucleon axial form factor extracted from elementary targets (hybrid)	Dec. 13
79	Mikael Chala (U. of Granada)	HET Seminar Precise computation of phase-transition parameters (hybrid)	Jan. 9
80	Adrian Dumitru (Baruch college)	RBRC Seminar Gluon Sivers function from forward exclusive photo-production of χ_{c1} quarkonium in UPCs or at the EIC (hybrid)	Jan. 9
81	David Shih (Rutgers U.)	BNL/SBU HET Seminar Searching for the unexpected from colliders to stars with modern machine learning (hybrid)	Jan. 16
82	Ryan Abbott (MIT)	NT/RBRC Seminar Lattice QCD at large isospin density: 6144 pions in a box (hybrid)	Jan. 17
83	Manibrata Sen (Indian Institute of Technology)	HET Seminar Probing dynamic neutrino masses with the Diffuse Supernova Neutrino Background (hybrid)	Jan. 23
84	Saori Pastore (Washington U.)	SNP Seminar Electroweak Properties of Nuclei (hybrid)	Jan. 24
85	Pierre-Yves Duerinck (Université Libre de Bruxelles)	SNP Seminar Ab initio description of antiproton-nucleus hydrogenic states (virtual)	Jan. 29
86	David Clarke (U. of Utah)	HET Seminar QCD material parameters from the lattice (hybrid)	Jan. 30
87	Curtis Taylor Peterson (Michigan State U.)	NT/RBRC Seminar Gradient flow renormalization: from beyond Standard Model physics to the precision frontier (hybrid)	Jan. 31
88	Kaustubh Agashe (U. of Maryland)	HET Seminar Tri-Boson Signals from a Warped Extra Dimension (hybrid)	Feb. 6
89	Farid Salazar (Temple U.)	RBRC Seminar Unveiling the sea: identifying quark distributions in the color glass condensate (hybrid)	Feb. 6
90	Fedor Poppov (Stony Brook U.)	NT/RBRC Seminar Real time dynamics of large N models (hybrid)	Feb. 7
91	Asanosuke JINNO (Kyoto U.)	SNP Seminar Lambda potential in dense nuclear matter from chiral EFT: Bridging heavy-ion collisions, hypernuclei, and neutron stars (hybrid)	Feb. 12
92	Jaime Hoefken Zink (National Centre for Nuclear Research)	HET Seminar Dark Matter Interactions in White Dwarfs: A Multi-Energy Approach to Capture Mechanisms (hybrid)	Feb. 13
93	Raghav Jha (Jefferson Lab)	RBRC Seminar Real-time scattering in Ising field theory using tensor networks (hybrid)	Feb. 13
94	Bharath Sambasivam (TEPID-ADAPT)	NT Seminar Variational thermal state preparation at low temperatures (hybrid)	Feb. 14
95	Yang Fu (MIT)	HET Seminar Two-photon exchange contribution to muonic-hydrogen from lattice QCD (hybrid)	Feb. 20
96	Laura Lopez Honorez (Universite Libre de Bruxelles)	HET Seminar Non-cold dark matter imprint on 21cm (hybrid)	Feb. 27

97	Dominik Schwienbacher (U. of Bern)	HET Seminar Factorization & Glauber gluons (hybrid)	Mar. 6
98	Jing-Yuan Chen (Tsinghua U.)	RBRC Seminar Instanton density in lattice QCD from higher category theory (hybrid)	Mar. 6
99	Jessica Turner (Durham U.)	HET Seminar Proton decay and gravitational waves as complementary tests of grand unification (hybrid)	Mar. 13
100	Fei Yan (BNL)	RBRC Seminar On quantum entanglement and its symmetry resolution (hybrid)	Mar. 13
101	Andrea Palermo (Stony Brook U.)	NT/RBRC Seminar The spin tensor in relativistic fluids in local equilibrium (hybrid)	Mar. 14
102	Tilman Plehn (Heidelberg U.)	HET Seminar Machine Learning with Precision and Error Bars (hybrid)	Mar. 20
103	Anastasia Sokolenko (Washington U.)	HET Seminar Exploring intergalactic magnetic fields as a window into new physics (hybrid)	Mar. 27

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