

List of Symposia & Workshops (April 2017–March 2018)

RNC			
1	Saturation: Recent Developments, New Ideas and Measurements https://www.bnl.gov/sdim17/	BNL	Apr. 26–28
2	Interdisciplinary Symposium on Modern Density Functional Theory — iDFT https://indico2.riken.jp/event/2498/	Okochi Hall	Jun. 19–23
3	Synergies of pp and pA Collisions with an Electron-Ion Collider https://www.bnl.gov/pppa17/	BNL	Jun. 26–28
4	ImPACT-OEDO workshop 2017 https://indico2.riken.jp/event/2534/	RIBF Conference Room	Jul. 13–14
5	X-ray Objects and Element Synthesis https://indico2.riken.jp/event/2530/	RIBF Conference Room	Jul. 20
6	RIBF 理論若手放談会 : エキゾチック核物理の広がり https://indico2.riken.jp/event/2509/	RIKEN IIB	Jul. 31– Aug. 2
7	International Workshop on Organic Molecule Systems http://www.riken.jp/~media/riken/pr/events/symposia/20170801/20170801_p.pdf	Parkroyal Hotel Malaysia	Aug. 1–3
8	The 3rd Emallia Conference 2017 http://phys.sci.hokudai.ac.jp/rikensympo/Emallia2/	National Pusan U. Busan City	Sep. 7–8
9	STORI'17—10th International Conference on Nuclear Physics at Storage Rings https://indico2.riken.jp/event/2581/	Kanazawa Theatre	Nov. 13–18
10	International Symposium on RI Beam Physics in the 21st Century: 10th Anniversary of RIBF https://indico2.riken.jp/event/2541/	RIBF Conference Room	Dec. 4–5
11	RIBF Users Meeting 2017 https://indico2.riken.jp/event/2637/	RIBF Conference Room	Dec. 6
12	イオンビーム品種改良プラットフォームの形成 http://www.riken.jp/~media/riken/pr/events/symposia/20180125/20180125p.pdf	Suzuki Umetaro Hall	Jan. 25–26

CNS			
1	Ito International Research Center (IIRC) Symposium "Perspectives of the Physics of Nuclear Structure"	CNS	Nov. 1–4
2	ImPACT-OEDO Workshop	RIBF Conference Room	Jul. 13–14

List of Seminars (April 2017–March 2018)

Nuclear Physics Monthly Colloquium

1	Atsushi Mochizuki (RIKEN)	Dynamical behaviors of complex biological systems https://indico2.riken.jp/event/2466/	Apr. 18
2	Yoshiharu Mori (Kyoto U.)	Advanced FFAG accelerator https://indico2.riken.jp/event/2622/	Nov. 28
3	Satoshi Nakamura (Tohoku U.)	Study of hypernuclei with electron beams https://indico2.riken.jp/event/2667/	Dec. 26
4	Yasuo Arai (KEK)	Quantum imaging with 3D semiconductor detector https://indico2.riken.jp/event/2725/	Mar. 13

RIBF Nuclear Physics Seminar

1	Minori Abe (Tokyo Metropolitan U.)	HPC in precision relativistic quantum chemistry and recent applications to physics and chemistry https://indico2.riken.jp/event/2471/	Apr. 4
2	Nguyen Dinh Dang (RNC)	Simultaneous microscopic description of nuclear level density and radiative strength function https://indico2.riken.jp/event/2465/	Apr. 11
3	Marco Rosenbusch (RNC)	Online application of multi-reflection time-of-flight mass spectrometry — nuclear masses and beyond https://indico2.riken.jp/event/2497/	May. 9
4	Paer-Anders Soederstroem (TU Darmstadt)	Evolution of nuclear structure and collectivity in the rare-earth region https://indico2.riken.jp/event/2495/	May. 12
5	Newcomers to Nishina Center in 2017	Newcomers' Seminar https://indico2.riken.jp/event/2506/	May. 16
6	Masaaki Kimura (Hokkaido U.)	Nuclear clustering probed by nuclear responses https://indico2.riken.jp/event/2538/	Jun. 13
7	Kyo Tsukada (Tohoku U.)	First result of the SCRIT electron scattering facility https://indico2.riken.jp/event/2544/	Jul. 11
8	Kazunari Yamada (RNC)	Construction of superconducting LINAC at RNC https://indico2.riken.jp/event/2578/	Jul. 25
9	Yuki Kubota (RNC)	Probing neutron-neutron correlation in ^{11}Li through the quasi-free (p,pn) reaction https://indico2.riken.jp/event/2663/	Dec. 19
10	Shigehiro Yasui(TokyoTech)	Impurity physics of heavy flavor in quark matter at low temperature and high density —QCD Kondo effect— https://indico2.riken.jp/event/2687/	Jan. 23
11	Tomoki Kimura (RNC)	Transient brightening of Jupiter's aurora observed by the Hisaki satellite and Hubble Space Telescope during approach phase of the Juno spacecraft https://indico2.riken.jp/event/2689/	Jan. 30
12	Yasuhiro Togano (Rikkyo U.)	Interaction cross section of two-neutron halo nucleus ^{22}C at 235 MeV/nucleon https://indico2.riken.jp/event/2690/	Feb. 20
13	Sohtaro Kanda (RNC)	Precision microwave spectroscopy of the ground-state hyperfine splitting in muonium atom https://indico2.riken.jp/event/2731/	Mar. 6
14	Masayuki Matsuo (Niigata U.)	Di-neutron correlation, pairing collectivity and pair transfer in neutron-rich systems https://indico2.riken.jp/event/2741/	Mar. 20

Lecture Series on Nuclear Physics

not held in FY2017

Seminar by Each Laboratory

Theoretical Research Division

1	Tilo Wettig (U. Regensburg)	QHP Seminar: HPC in precision medicine	Apr. 11
2	Hyun-Chul Kim (Inha U.)	SNP Seminar: Heavy Baryons and excited baryons in the pion mean fields	Apr. 18
3	Ulugbek Yakshiev (Inha U.)	SNP Seminar: Topological models and their applications	Apr. 18
4	Kochi Murase (U. Tokyo)	QHP Seminar: Fixed points and flow analysis of the boson Boltzmann equation	May. 2
5	Daisuke Satow (Frankfurt U.)	QHP Seminar: Viscosities and electrical conductivity of QGP in strong magnetic fields	May. 9
6	Yudai Suwa (Kyoto U.)	SNP Seminar: Formation of neutron stars	May. 29
7	Noriaki Sannomiya (U. Tokyo)	QHP Seminar: Spontaneous supersymmetry breaking and Nambu-Goldstone fermions in extended Nicolai models	May. 30
8	Chihiro Matsui (U. Tokyo)	QHP Seminar: Hidden supersymmetry in the Fateev-Zamolodchikov spin chain	Jun. 6
9	Emi Yukawa (RIKEN CEMS)	QHP Seminar: Classification, generation, and application of spin squeezing	Jun. 13
10	Mitsunori Fukuda (Osaka U.)	SNP Seminar: Study of surface structure of nuclei via reaction cross sections	Jun. 16
11	Takaya Miyamoto (Kyoto U.)	SNP Seminar: $\Lambda_c N$ interaction from lattice QCD and its application to Λ_c hypernuclei	Jul. 5
12	Kenji Sasaki (Kyoto U.)	SNP Seminar: Lattice QCD study on baryon-baryon interactions	Jul. 5
13	Hidehiko Shimada (OIST)	QHP Seminar: String field theory for tensionless strings and $N = (2, 0)$ superconformal theory in six-dimensions	Jul. 11
14	Hyeon-Deuk Kim (Kyoto U.)	SNP Seminar: Quantum molecular dynamics simulation method for hydrogen molecules —From a small molecule to condensed phases—	Sep. 15
15	Sophia Han (U. Tennessee)	QHP Seminar: Constraining dense matter properties from thermal and spin evolution of neutron stars	Sep. 25
16	Enrico Rinaldi (RBRC)	QHP Seminar: The nucleon axial charge from Lattice QCD	Oct. 3
17	Naoki Yamamoto (Keio U.)	QHP Seminar: Topological transport of photons and gravitons	Oct. 6
18	Keisuke Fujii (Tokyo Tech)	QHP Seminar: Effective field theory approach to superfluid $^3\text{He-B}$	Oct. 17
19	Utku Can (RNC)	QHP Seminar: Charmed baryon structure in Lattice QCD	Oct. 24

20	Shigehiro Yasui (Tokyo Tech)	QHP Seminar: QCD Kondo effect in quark matter with heavy flavor	Oct. 31
21	Shun Uchino (RIKEN CEMS)	QHP Seminar: Mesoscopic transport with an ultracold atomic gas	Nov. 7
22	Takeru Yokota (Kyoto U.)	QHP Seminar: Tachyonic instability of the scalar mode prior to the QCD critical point based on the functional renormalization-group method in the two-flavor case	Nov. 14
23	Shoichiro Tsutsui (KEK)	QHP Seminar: Thermalization of overpopulated systems	Nov. 21
24	Yang-Ting Chien (MIT)	QHP Seminar: Probing heavy ion collisions using quark and gluon jet substructure with machine learning	Nov. 24
25	Kouji Kashiwa (YITP)	QHP Seminar: Sign problem as optimization problem: Application of neural-network via path optimization method	Nov. 28
26	Shinji Shimazaki (Keio U.)	QHP Seminar: New developments in the complex Langevin method and its application to finite density QCD	Jan. 23
27	Arata Yamamoto (U. Tokyo)	QHP Seminar: Computation of the Berry curvature in QCD and in condensed matter physics	Jan. 30
28	M. Tachikawa (Yokohama City U.)	SNP Seminar: Ab initio calculation for positronic compounds	Feb. 20
29	Michio Kohno (Osaka U.)	SNP Seminar: Hyperons in nuclear matter from YN and YNW interactions in ChEFT and hyperon puzzle	Feb. 21
30	Yuichiro Sekiguchi (Toho U.)	QHP Seminar: Foundations of Gravitational waves and electro-magnetic emissions from NS-NS merger with application to nuclear/hadron physics	Feb. 26
31	Yang-Ting Chien (MIT)	QHP Seminar: Telescoping Jet Substructure	Mar. 6

QHP Seminar -> <http://ribf.riken.jp/QHP/seminar.html>

SNP Seminar -> <http://snp.riken.jp/seminar.html>

Sub Nuclear System Research Division

1	Zohreh Davoudi (MIT)	A Special HET/RIKEN Lunch Seminar: The road to nuclear physics from standard model	Apr. 6
2	Dirk Rischke (Johann Wolfgang Goethe U.)	Nuclear Theory/RIKEN Seminar: Anisotropic dissipative fluid dynamics — foundations & applications in heavy-ion physics	Apr. 7
3	Laura Tolos (CSIC-IEEC)	RBRC Lunch Seminar: Charm and beauty @ extremes	Apr. 13
4	Ajit M. Srivastava (Emory U.)	Nuclear Theory/RIKEN Seminar: Effect of magnetic field on flow fluctuations in	Apr. 14
5	Tuomas Lappi (U. Jyväskylä)	Nuclear Theory/RIKEN Seminar: Forward particle production in pA : implementing the NLO hybrid formalism	Apr. 21
6	Simon Caron-Huot (McGill U.)	Nuclear Theory/RIKEN Seminar: Analyticity in spin and causality in conformal theories	Apr. 28
7	Ethan Neil (RBRC)	RIKEN Lunch Seminar: Lattice study of gauge theory with multiple fermion representations	May. 4
8	Scott Moreland (Duke U.)	Nuclear Theory/RIKEN Seminar: Probing nucleon substructure with Bayesian parameter estimation	May. 5

9	Enrico Rinaldi (RBRC)	RIKEN Lunch Seminar: The nucleon axial charge from lattice QCD	May. 11
10	Jonathan Kozaczuk (U. Mass Amherst)	HET/RIKEN Seminars: Collider and cosmological signatures of a strong electroweak phase transition	May. 17
11	Dima Kharzeev (BNL / Stony Brook U.)	RIKEN Lunch Seminar: Probing quantum entanglement at the Electron Ion Collider	May. 18
12	Patrick Fox (Fermilab)	HET/RIKEN Seminar: Cosmology in mirror twin Higgs and neutrinos	May. 24
13	Yuya Tanizaki (RBRC)	RIKEN Lunch Seminar: Mixed anomaly and global consistency	May. 25
14	Damir Bosnar (U. Zagreb)	Investigations of nucleon and nuclei properties in electron scattering experiments at MAMI	May. 29
15	Derek Teaney (Stony Brook U.)	Nuclear Theory/RIKEN Seminar: Hydrodynamic fluctuations in heavy ion collisions	Jun. 2
16	Zohar Komargodski (Stony Brook U.)	RIKEN Lunch Seminar: Anomalies and exact results in massive quantum chromodynamics	Jun. 8
17	Phiala Shanahan (MIT)	Nuclear Theory/RIKEN Seminar: Gluon structure of hadrons and nuclei	Jun. 9
18	Daniel Stolarski (Carleton U.)	HET/RIKEN Seminars Searching for new physics with Higgs decays	Jun. 14
19	Jan Pawłowski (Heidelberg)	Nuclear Theory/RIKEN Seminar: Exploring the phase structure and dynamics of QCD	Jun. 16
20	Pasi Huovinen (U. Wroclawski)	Nuclear Theory/RIKEN Seminar: Better fitting through (fictitious) chemistry	Jun. 19
21	Feng Yuan (LBL)	Nuclear Theory/RIKEN Seminar: Probing transverse momentum broadening in heavy ion collisions	Jun. 30
22	Ismail Zahed (Stony Brook U.)	Nuclear Theory/RIKEN Seminar: Holographic Pomeron: Scattering, saturation, entropy and black hole	Jul. 7
23	Kenji Fukushima (U. Tokyo)	Nuclear Theory/RIKEN Seminar: General formulae for dipole Wilson line correlators with the Color Glass Condensate	Aug. 4
24	Yoshitaka Hatta (Kyoto U.)	Nuclear Theory/RIKEN Seminar: Resummation of nonglobal logarithms in QCD	Aug. 11
25	Ming Li (U. Minnesota)	RIKEN Lunch Seminar: Revisit the energy density and the gluon spectrum in the boost-invariant Glasma from a semi-analytic approach	Aug. 17
26	Ignazio Scimemi (U. Complutense de Madrid)	Nuclear Theory/RIKEN Seminar: Factorization and phenomenology for transverse momentum dependent distributions	Aug. 18
27	Werner Vogelsang (Tuebingen U.)	Nuclear Theory/RIKEN Seminar: QCD corrections to high- p_T hadron production in ep scattering	Aug. 25
28	Mayank Singh (McGill U.)	RIKEN Lunch Seminar: Thermal fluctuations in hydrodynamic simulations of QGP	Sep. 14
29	Elena Petreska (NIKHEF)	Nuclear Theory/RIKEN Seminar: TMD gluon distributions for dijet production and their behavior at small x	Sep. 15
30	Monica Pate (Harvard U.)	RIKEN Lunch Seminar: Color memory, large gauge transformations, and soft theorems in Yang-Mills theory	Sep. 28
31	Aleksey Cherman (U. Washington)	Nuclear Theory/RIKEN Seminar: QCD on a small circle	Sep. 29

32	Jacquelyn Noronha-Hostler (Rutgers U.)	Nuclear Theory/RIKEN Seminar: What can we learn from flow observables in heavy-ion collisions?	Oct. 12
33	Aaron Meyer (HET Group)	RIKEN Lunch Seminar: Lattice QCD and neutrino physics	Oct. 19
34	Maxim Mai (George Washington U.)	Nuclear Theory/RIKEN Seminar: Quantization of three-body scattering amplitude in isobar formulation	Oct. 20
35	Xiaojun Yao (BNL)	RIKEN Lunch Seminar: Approach to equilibrium of quarkonium in quark-gluon plasma	Oct. 26
36	Andrea Shindler (Michigan State U.)	HET/RIKEN Seminar: Calculation of the electric dipole moment with the gradient flow	Nov. 1
37	Yizhuang Liu (Stony Brook U.)	RIKEN Lunch Seminar Rotating Dirac fermion in Magnetic field in 1+2 and 1+3 dimensions	Nov. 2
38	Gerald Miller (U. Washington)	Nuclear Theory/RIKEN Seminar: Proton radius puzzle	Nov. 3
39	Mario Mitter (BNL)	RIKEN Lunch Seminar: QCD from gluon, quark, and meson correlators	Nov. 16
40	Yacine Mehtar-Tani (U. Washington)	Nuclear Theory/RIKEN Seminar: Higher-order corrections to jet quenching	Nov. 17
41	Shanshan Cao (Wayne State U.)	Nuclear Theory/RIKEN seminar: Medium modification of jet and jet-induced medium excitation	Dec. 1
42	Jorge Noronha (Columbia U.)	RIKEN Lunch Seminar: Pushing the boundaries of relativistic fluid dynamics	Dec. 7
43	Nobuo Sato (JLab / U. Connecticut)	Nuclear Theory/RIKEN Seminar: Simultaneous extraction of spin-dependent parton distributions	Dec. 15
44	Sourav Raha (U. Florida)	Nuclear Theory/RIKEN Seminar: Thermodynamics of string bits	Jan. 5
45	Nikhil Karthik (BNL)	RIKEN Lunch Seminar: Three-dimensional gauge theories using lattice regularization	Jan. 11
46	Niklas Mueller (BNL)	RIKEN Lunch Seminar: World-line approach to chiral kinetic theory and the chiral magnetic effect	Jan. 18
47	Felix Ringer (LBL)	Nuclear Theory/RIKEN Seminar: Semi-inclusive jet cross sections within SCET	Jan. 19
48	Yuya Tanizaki (RBRC)	RIKEN Lunch Seminar: Exact results on massless 3-flavor QCD through new anomaly matching	Jan. 25
49	Kiminad Mamo (Stony Brook U.)	RIKEN Lunch Seminar: The Coulomb branch of $N = 4$ SYM and its gravity dual as a new holographic model to QCD	Feb. 1
50	Mohamed Anber (Lewis & Clark College)	Nuclear Theory/RIKEN Seminar: New nonperturbative scales and glueballs in confining gauge theories	Feb. 2
51	Adrian Dumitru (Baruch College / BNL)	RIKEN Lunch Seminar: Biased nuclear gluon distribution from a reweighted JIMWLK small- x ensemble	Feb. 8
52	Stebel Tomasz (BNL)	RIKEN Lunch Seminar: Drell-Yan process beyond collinear approximation	Feb. 22
53	Benedikt Hegner (CERN)	High-Energy Physics & RIKEN Theory Seminar: Preparing high energy physics software for the future - the community white paper	Feb. 28
54	Matt Sievert (LANL)	Nuclear Theory/RIKEN Seminar: Quark / Antiquark correlations in heavy-light ion collisions	Mar. 2

55	Anna Stasto (Penn State U.)	Nuclear Theory/RIKEN Seminar: Yang-Mills action on the light front: MHV amplitudes and Wilson lines	Mar. 9
56	Kazunori Itakura (KEK)	Basics of pomerons and reggeons	Mar. 14
57	Andreas Nyffeler (U. Mainz)	RIKEN Lunch Seminar: Hadronic light-by-light scattering in the muon $g - 2$	Mar. 15
58	Ian Balitsky (Jefferson National Lab.)	Nuclear Theory/RIKEN Seminar: Correlators of twist-2 light-ray operators in the BFKL approximation	Mar. 16

RIKEN/BNL Lunch Seminar -> <https://www.bnl.gov/riken/events/>

RIBF Research Division

1	Teruaki Enoto (Kyoto U.)	High Energy Astrophysics Lab. Seminar: Cloud and crowd science: High-energy physics in thunderstorms	Apr. 3
2	Turriziani Sara (RIKEN)	High Energy Astrophysics Lab. Seminar: Active galactic nuclei in the multi-wavelength, multi-messenger era	May. 1
3	Keita Kawata (CNS)	NSL Seminar: Development of isomer beam by fragmentation reactions	May. 17
4	Momo Mukai (U. Tsukuba)	NSL Seminar: The development of a low-background gas-counter and hyperfine structure measurement for neutron-rich iridium isotopes	May. 17
5	Tomoki Kimura (RNC)	High Energy Astrophysics Lab. Seminar: Transient brightening of Jupiter's aurora observed by the Hisaki satellite and Hubble Space Telescope during approach phase of the Juno spacecraft	Jun. 5
6	Hiroshi Yamakawa (Kyoto U.)	High Energy Astrophysics Lab. Seminar: Research for tackling hazardous space environment	Jul. 10
7	Toshikazu Morishita (NARO)	重イオンビームによるダクタンソバの変異誘発と有用系統の選抜	Jul. 11
8	Ryosuke Hirai (Waseda U.)	High Energy Astrophysics Lab. Seminar: The influence of supernovae on the evolution of binary systems	Oct. 2
9	Yasuyuki Nagashima (Tokyo U. of science)	Ps ⁻ photodetachment spectroscopy and its application https://indico2.riken.jp/indico/conferenceDisplay.py?confId=2610	Oct. 18
10	Toru Tamagawa (RNC)	The dawn of the gravitational wave astronomy and the discovery of the neutron star merger https://indico2.riken.jp/event/2621/	Oct. 31
11	Ayako Yamamoto (SIT)	NSL Seminar: Cuprate high- T_c superconductors: Materials and Properties	Jan. 26
12	Alberto Mengoni (ENEA/INFN)	Exploring a neutron channel solution for the cosmological lithium problem at CERN/n_TOF https://indico2.riken.jp/event/2742/	Mar. 13

High Energy Astrophysics Lab. Seminar -> http://astro.riken.jp/wordpress/?page_id=65