List of Symposia & Workshops (April 2018—March 2019)

RNC

1	26th International Workshop on Deep Inelastic Scattering and Related Topics (DIS2018)	Convention Hall of Kobe University	Apr. 16–20
2	Workshop on r-Process and Unstable Nuclei in Multi-Messenger Astronomy （重力波観測時代の r プロセスと不安定核）	RIBF Conf. Hall, RIKEN Wako Campus	Jun. 20–22
3	Tesla Technology Collaboration Meeting 2018 (TTC2018)	RIKEN Wako Campus	Jun. 26–29
4	Nishina School 2018	RIBF Conf. Hall, RIKEN Wako Campus	Jul. 24 –Aug. 4
5	8th International Conference on Quarks and Nuclear Physics (QNP2018)	Tsukuba International Congress Center	Nov. 13–17
6	13th International Conference on Nucleus-Nucleus Collision (NN2018)	Omiya Sonic City	Dec. 4–8
7	The public symposium “Significance of Basic Science Research and its Impact on Society (in physics)”	Auditorium at Science Council of Japan	Dec.17
8	The 1st Symposium on Heavy and Cluster Ions Mutagenesis of Microorganisms for finding Solutions to The Issue of Hyper-productivity, Energy and Environment	University of Tsukuba	Jan. 29
9	The 2nd RIBF “Hodan-kai” Meeting: Future of Exotic Nuclear Physics（第２回 RIBF 若手放談会：エキゾチック核物理の将来）	Integrated Innovation Building, RIKEN Kobe Campus	Feb. 18–20
10	The International Year of the Periodic Table of Chemical Elements and activities supporting the Year（国際周期表年 2019 記念シンポジウム「周期表が拓く科学と技術国際周期表年を迎えて」）	Auditorium at Science Council of Japan	Feb. 23

CNS

1	International OEDO Workshop	CNS	Jun. 11

List of Seminars (April 2018—March 2019)

Nuclear Physics Monthly Colloquium

1	Masaaki Hashimoto (Kyushu U.)	Stellar evolution and nucleosynthesis in massive stars https://indico2.riken.jp/event/2881/	Oct. 3

RIBF Nuclear Physics Seminar

1	Itaru Nakagawa (RIKEN)	Surprising forward neutron asymmetries observed in polarized proton + nucleus collision at RHIC https://indico2.riken.jp/event/2754/	Apr. 10
2	Takahiro Kawabata (Kyoto U.)	Direct measurement of the ^{7}Be(n, α)^{4}He reaction cross section for the cosmological Li problem https://indico2.riken.jp/event/2753/	Apr. 17
3	Takehiko Saito (GSI)	Hypernuclear spectroscopy with heavy ion beams: past, present and future https://indico2.riken.jp/event/2772/	May 10

4	Koji Yoshimura (RIIS, Okayama U.)	Hunting for mysterious ultra-low energy isomer of Thorium-229 –to realize ultimate "nuclear clock"– https://indico2.riken.jp/event/2773/	May 22
5	Newcomers to Nishina Center in 2018	Newcomers' seminar https://indico2.riken.jp/event/2774/	May 29
6	Hironobu Ishiyama (RNC)	SLOWRI and related topics https://indico2.riken.jp/event/2788/	Jul. 3
7	Noritaka Shimizu (U. Tokyo)	Double Gamow Teller transition and its relation to neutrinoless double beta decay matrix element https://indico2.riken.jp/event/2789/	Jul. 10
8	Michiharu Wada (KEK)	The multi-reflection time-of-flight mass spectrographs at RIBF: Present and future https://indico2.riken.jp/event/2825/	Jul. 31
9	Karlheinz Langanke (GSI)	Progress and scientific perspectives for the Facility of Antiproton https://indico2.riken.jp/event/2844/	Sep. 21
10	Shinya Gongyo (RIKEN)	Dibaryon candidates in decuplet baryons from lattice QCD https://indico2.riken.jp/event/2877/	Oct. 2
11	Sachio Komamiya /Hitoshi Hayano (Waseda U./KEK)	Introduction of ILC ~The physics, the accelerator, and the project status https://indico2.riken.jp/event/2878/	Oct. 12
12	Hiroyuki Sagawa (U. Aizu)	The nuclear symmetry energy and the breaking of the isospin symmetry: how do they reconcile with each other? https://indico2.riken.jp/event/2906/	Nov. 20
13	Shin'ichiro Michimasa (CNS)	First mass measurements of $^{55-57}$Ca https://indico2.riken.jp/event/2945/	Dec. 11
14	Hidetoshi Yamaguchi (CNS)	Study on cluster states in unstable nuclei with alpha-resonant scattering https://indico2.riken.jp/event/2954/	Jan. 8
15	Masaki Sasano (RNC)	Gamow-Teller giant resonance in ^{132}Sn https://indico2.riken.jp/event/2973/	Jan. 22
16	Yuichi Ichikawa (RNC)	Interplay between nuclear shell evolution and shape deformation revealed by the magnetic moment of ^{75}Cu	Feb. 26
17	Fedor Šimkovic (Comenius U./ BLTP)	Massive neutrinos in nuclear processes https://indico2.riken.jp/event/2992/	Mar. 5
18	Ali Al-adili (Uppsala U.)	Angular momenta in atomic nuclei – investigated by the population of nuclear isomers https://indico2.riken.jp/event/3003/	Mar. 8
19	Shinya Wanajo (NAOJ)	R-process and kilonova https://indico2.riken.jp/event/3004/	Mar. 12
20	Epelbaum Evgeny (Ruhr-U.)	Chiral EFT and the three-nucleon force problem https://indico2.riken.jp/event/3005/	Mar. 25
21	Ushasi Datta (SINP)	A journey from light neutron rich-nuclei to heavier nuclei near proton-drip line https://indico2.riken.jp/event/3007/	Mar. 29
22	Timo Dickel (JLU/GSI)	Experiments with thermalized RIB at the FRS https://indico2.riken.jp/event/3008/	Mar. 29

Seminar by Each Laboratory

Nuclear Science and Transmutation Research Division

1	Susumu Inoue (iTHEMS)	The dawning of electroweak astronomy: interpreting electromagnetic +neutrino observations of blazars	Sep. 27

2	Shin Watanabe (ISAS, JAXA)	Si/CdTe 半導体コンプトンカメラの開発研究と高感度 MeV ガンマ線観測実現に向けた展望	Sep. 27
3	Minoru Tanaka (Osaka U.)	同位体シフトで探る素粒子の新しい相互作用	Jan. 24
4	Takaya Nozawa (NAOJ)	Formation of dust and molecules in supernovae	Feb. 6

Subnuclear System Research Division

1	Matthias Berwein (RIKEN)	QHP Seminar: Applications of effective field theories for heavy quarks	May 7
2	Yoshiko Kanada-En'yo (Kyoto U.)	SNP Seminar: Isoscalar monopole and dipole excitations in light nuclei	May 17
3	Kazuya Mameda (Fudan U.)	QHP Seminar: Rotational effects on quantum field theory for quark and hadron	May 22
4	Hiromichi Nishimura (RIKEN, RBRC)	QHP Seminar: On thermal effective potential of pure gauge theory at large N	May 30
5	Yuki Fujimoto (U. Tokyo)	QHP Seminar: Methodology study of machine learning for the neutron star equation of state	Jun. 18
6	Yusuke Namekawa (U. Tsukuba)	SNP Seminar: Successful prediction to charmed single hadrons and attempt on two-hadron by lattice QCD	Jun. 18
7	Nodoka Yamanaka (IPN Orsay))	SNP Seminar: The AFTER project, and the gluon and charm content of the deuteron	Jun. 20
8	Daisuke Kadoh (Keio U.)	QHP Seminar: Tensor network approach to lattice field theory	Jun. 25
9	Noriyuki Sogabe (Keio U.)	QHP Seminar: Does the chiral magnetic effect affect the dynamic critical phenomena in QCD?	Jul. 2
10	Yuki Kamiya (Kyoto U.)	SNP Seminar: Model-independent determination of structure of exotic hadrons with the scattering amplitude	Jul. 25
11	Kazuo Fujikawa (RIKEN, iTHEMS)	QHP Seminar: Chiral anomaly and Berry's phase	Sep. 10
12	Shunsuke Yabunaka (Kyoto U.)	QHP Seminar: Surprises in the $O(N)$ models: nonperturbative fixed points, large N limit and multi-criticality	Sep. 21
13	Takahiro Ohgoe (U. Tokyo)	QHP Seminar: Resummation of diagrammatic series with zero convergence radius for the unitary Fermi gas	Oct. 1
14	Michele Viviani (INFN Pisa & U. of Pisa)	SNP Seminar: Theoretical study of three and four neutron resonances	Oct. 11
15	Takeru Yokota (Kyoto U.)	QHP Seminar: Functional renormalization group-aided density-functional theory –application to one-dimensional nuclear matter and two-dimensional electron gas–	Oct. 15
16	Akihiko Monnai (KEK)	QHP Seminar: The quark-gluon plasma fluid at finite density	Nov. 5
17	Huseyin Bahtiyar (Mimar Sinan Fine Arts U.)	SNP Seminar: Radiative transitions of singly – and doubly-charmed baryons in lattice QCD	Nov. 20
18	GuangJuan Wang (Peking U.)	SNP Seminar: The strong decay patterns of Z_c and Z_b states in the relativized quark model	Dec. 3

19	Akio Tomiya (RIKEN-BNL)	QHP Seminar: Deep Learning and Holographic QCD	Dec. 10
20	Hiromasa Takaura (Kyushu U.)	QHP Seminar: Renormalon and gluon condensate	Dec. 17
21	Masahiro Nozaki (RIKEN)	QHP Seminar: Signature of quantum chaos in operator entanglement in 2d CFTs	Jan. 21
22	Toshiaki Fujimori (Keio U.)	QHP Seminar: Bions and resurgence in $\mathbb{C}P^N$ model	Jan. 28
23	René Meyer (U. Würzburg)	QHP Seminar: Hydrodynamics & black holes in anti de sitter space-time	Mar. 25
24	Andreas Schmitt (U. Southampton)	Nuclear Theory/RIKEN Seminar: Dense nuclear and quark matter from holography	Apr. 6
25	Bernd-Jochen Schaefer (U. Giessen)	Nuclear Theory/RIKEN Seminar: Exploring the QCD phase structure with functional methods	Apr. 27
26	Peter Love (Tufts)	HET/RIKEN Lunch Seminar: Quantum simulation from quantum chemistry to quantum chromodynamics	May 10
27	HET/RIKEN Lunch Discussions	HET/RIKEN Lunch Discussions: Localized 4-sigma and 5-sigma dijet mass excesses in ALEPH LEP2 four-jet events	May 11
28	Stanley Brodsky (SLAC, Stanford U.)	Joint Nuclear Theory/RIKEN/CFNS Seminar: Novel QCD physics at an Electron-Ion Collider	May 25
29	Vladimir Skokov (BNL)	Nuclear Theory/RIKEN Seminar: Liouville action, high multiplicity tail and shape of proton	Jun. 1
30	Rasmus Larsen (BNL)	RIKEN Lunch Seminar: Topological structures in finite temperature QCD	Jul. 12
31	Matt Luzum (U. Sao Paulo)	Nuclear Theory/RIKEN Seminar: Confronting hydrodynamic predictions with Xe-Xe heavy-ion collision data	Jul. 13
32	Alessandro Roggero (U. Washington)	RIKEN Lunch Seminar/Special Nuclear Theory Seminar: Neutrino scattering on quantum computers	Jul. 19
33	Zhongbo Kang (UCLA)	Nuclear Theory/RIKEN Seminar: Jets as a probe of transverse spin physics	Jul. 27
34	Shigemi Ohta (IPNS, KEK)	RIKEN Lunch Seminar: Nucleon isovector axial charge in 2+1-flavor domain-wall QCD with physical mass	Aug. 2
35	Masanori Hanada (YITP)	RIKEN Lunch Seminar: Universality in classical and quantum chaos	Aug. 16
36	Andreas Weichselbaum (BNL)	RIKEN Lunch Seminar: Non-abelian symmetries and applications in tensor networks	Aug. 23
37	Joaquin Drut (UNC)	Special Nuclear Theory/RIKEN Lunch Seminar: Signal-to-noise issues in non-relativistic quantum matter: from entanglement to thermodynamics	Aug. 30
38	Ivan Horvath (U. Kentucky)	RIKEN/NT & Quantum Computing Seminar: Quantum uncertainty and quantum computation	Sep. 6
39	Julien Baglio (Tuebingen U.)	Joint BNL/RIKEN HET Seminar: Higgs pair production via gluon fusion at NLO QCD	Sep. 12
40	Yuta Kikuchi (RBRC)	RIKEN Lunch Seminar: Giant photocurrent in asymmetric Weyl semimetals from the helical magnetic effect	Sep. 13
41	Ilkka Helenius (U. Tubingen)	Nuclear Theory/RIKEN Seminar: Status of Pythia 8 for an Electron-Ion Collider	Sep. 21

42	Jordy De Vries (UMass Amherst)	Nuclear Theory/RIKEN Seminar: Neutrinoless double beta decay in effective field theory	Sep. 28
43	Shaouly Bar-Shalom (Technion)	HET/RIKEN Seminar: A universally enhanced light-quarks Yukawa couplings paradigm	Oct. 10
44	Nikhil Karthik (BNL)	RIKEN Lunch Seminar: Valence parton distribution function of pion using lattice	Oct. 18
45	Aleksas Mazeliauskas (U. Heidelberg)	Nuclear Theory/RIKEN Seminar: Studying out-of-equilibrium Quark-Gluon Plasma with QCD kinetic theory	Oct. 19
46	Kiminad Mamo (Stony Brook U.)	RIKEN Lunch Seminar: DIS on ""Nuclei"" using holography	Nov. 1
47	Alfred Mueller (Columbia U.)	Nuclear Theory / RIKEN Seminar: Diffractive electron-nucleus scattering and ancestry in branching random walks	Nov. 2
48	Ajit Srivastava (IOPB)	Nuclear Theory / RIKEN Seminar: Towards laboratory detection of superfluid phases of QCD	Nov. 9
49	Renaud Boussarie (BNL)	RIKEN Lunch Seminar: Exclusive ρ meson production in *eA* collisions: collinear factorization and the CGC	Nov. 15
50	Dimitra Karabali (CUNY)	Nuclear Theory / RIKEN: Casimir effect in Yang-Mills theory	Nov. 16
51	Juan Rojo (VU U.)	Nuclear Theory / RIKEN Seminar: Novel probes of small-x QCD	Nov. 30
52	Mario Mitter (BNL)	RIKEN Lunch Seminar: On QCD and its phase diagram from a functional RG perspective	Dec. 6
53	Micheal Wagman (MIT)	NT/RIKEN Seminar: Lattice QCD input for fundamental symmetry tests	Dec. 14
54	Alba Soto Ontoso (BNL)	RIKEN Lunch Seminar: A novel background subtraction method for jet studies in heavy ion collisions	Jan. 10
55	Jun-sik Yoo (Stony Brook U.)	RIKEN Lunch Seminar: Proton decay matrix elements on lattice	Jan. 17
56	Andrey Sadofyev (Los Alamos National Lab)	Nuclear Theory / RIKEN Seminar: Chiral vortical effect for an arbitrary spin	Jan. 18
57	Xiaojun Yao (Duke U.)	RIKEN Lunch Seminar: Quarkonium production in heavy ion collisions: open quantum system, effective field theory and transport equations	Jan. 24
58	Paolo Glorioso (U. Chicago)	Nuclear Theory / RIKEN Seminar: Effective field theory of hydrodynamics	Jan. 25
59	Jasmine Brewer (MIT)	RIKEN Lunch Seminar: Sorting out jet quenching in heavy-ion collisions	Jan. 31
60	Juan M. Torres-Rincon (Stony Brook U.)	RIKEN Lunch Seminar: Modification of the nucleon-nucleon potential and nuclear correlations due to the QCD critical point	Feb. 7
61	Eden Figueroa (Stony Brook U.)	NT / RIKEN Seminar: Realizing relativistic dynamics with slow light polaritons at room temperature	Feb. 8
62	Sahal Kaushik (Stony Brook U.)	RIKEN Lunch Seminar: Chiral photocurrents and terahertz emission in Dirac and Weyl materials	Feb. 14
63	Jacobus Verbaarschot (Stony Brook U.)	NT / RIKEN Seminar: Quantum chaos, wormholes and the Sachdev-Ye-Kitaev model	Feb. 22
64	Ana-Maria Raclariu (Harvard U.)	Joint NT/RIKEN/CFNS Seminar: Measuring color memory in a color glass condensate	Feb. 28

65	Zohar Komargodski (Stony Brook U.)	NT/RIKEN Seminar: Baryons as Quantum Hall Droplets	Mar. 15
66	Hosted by Sally Dawson	High Energy / Nuclear Theory / RIKEN Seminars: Lattice Workshop for US-Japan Intensity Frontier Incubation	Mar. 25–27
67	Jamal Jalilian-Marian (CUNY)	NT/RIKEN Seminar: Toward a unified description of both low and high p_T particle production in high energy collisions	Mar. 29

CNS

1	Marco Mazzocco (U. of Padova / INFN)	Reaction dynamics studies with light weakly-bound radioactive ion beams at near-barrier energies https://indico2.riken.jp/event/2970/	Dec. 10
2	Christian Smorra (CERN)	High-precision measurements of the antiproton's fundamental properties https://indico2.riken.jp/event/2969/	Dec. 12
3	Afanasjev Anatoli (Mississipi State U.)	Covariant density functional theoretical studies across the nuclear landscape https://indico2.riken.jp/event/2968/	Dec. 13
4	Ken'ichi Nakano (Tokyo Tech)	Measurement of flavor asymmetry of light antiquarks in proton via Drell-Yan process at Fermilab SeaQuest https://indico2.riken.jp/event/2967/	Jan. 29
5	Fedor Šimkovic (Comenius U./BLTP JINR)	Massive neutrinos in nuclear processes https://indico2.riken.jp/event/2992/	Mar. 5

KEK WNSC

1	Ryan Ringle (Michigan State U.)	Advancing Penning trap mass spectrometry of rare isotopes at the LEBIT facility	Jul. 2