

List of Symposia & Workshops (April 2019–March 2020)

RNC			
1	Nishina School 2019	RIBF Conf. Hall, RIKEN Wako Campus	Jul. 30 -Aug. 9
2	8th SUNFLOWER workshop	Osaka University Nakanoshima Center	Aug. 26–28
3	New Trends in Integrable Systems 2019	Media Center, Osaka City University (Sugimoto campus)	Sep. 9–20
4	58th Nuclear Chemistry Summer School	Yufutopia, Oita Prefecture	Sep. 11–14
5	4th International Symposium on Superheavy Elements (SHE2019)	The Prince Hakone Lake Ashinoko	Dec. 1–5
6	International Symposium on Clustering as a Window on the Hierarchical Structure of Quantum Systems (CLUSHIQ2020)	Ryotiku Bettei, Oita Prefecture	Jan. 23–24
7	RIKEN Symposium "Practical application of Ion Beam Breeding in the past 20 years"	Suzuki Umetaro Hall	Jan. 23–24
8	Japan-France Joint Workshop on "Clusters in Quantum Systems: from Atoms to Nuclei and Hadrons"	Kyushu University	Jan. 27–31
9	18th AVF Liaison Meeting	Nishina Hall	Feb. 18–19
10	3rd RIBF Young Researchers' Discussion: Future of Physics of Exotic Nuclei	Integrated Innovation Building (IIB), RIKEN Kobe Campus	Feb. 19–21
11	Scientific Research on Innovative Areas "Clustering as a Window on the Hierarchical of Quantum Systems School"	Nishina Hall	Mar. 2–4

List of Seminars (April 2019–March 2020)

Nuclear Physics Monthly Colloquium

	Not held in 2019		
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RIBF Nuclear Physics Seminar

1	Takaharu Otsuka (RNC)	Tin isotopes: Are they dull round nuclei? https://indico2.riken.jp/event/3022/	Apr. 9
2	Inoue Yoshiyuki (RIKEN)	Nature of coroneae around supermassive black holes https://indico2.riken.jp/event/3040/	May 14
3	William B. Brinckerhoff (NASA)	Mass spectrometers to Mars and beyond https://indico2.riken.jp/event/3049/	May 16
4	Newcomers to Nishina Center in 2019	Newcomers' seminar https://indico2.riken.jp/event/3052/	May 21

5	Ryo Taniuchi (U. York)	^{78}Ni revealed as a doubly magic stronghold against nuclear deformation https://indico2.riken.jp/event/3069/	May 28
6	Koichi Sato (Osaka City U.)	Large-amplitude quadrupole shape mixing probed by the (p, p') reaction https://indico2.riken.jp/event/3081/	Jun. 11
7	Xing Fan (Harvard U.)	Towards an improved electron and positron magnetic moment measurement as a test of the Standard Model and CPT symmetry https://indico2.riken.jp/event/3100/	Jul. 8
8	Enrico Rinaldi (RIKEN, BNL)	The neutron lifetime with near-Exascale computing https://indico2.riken.jp/event/3092/	Jul. 9
9	Toshio Suzuki (Tohoku U.)	Is electron scattering useless to study neutron distribution in nuclei? https://indico2.riken.jp/event/3134/	Oct. 11
10	Masayuki Yamagami (U. Aizu)	Tetrahedral deformation in nuclei https://indico2.riken.jp/event/3147/	Oct. 15
11	Sohtaro Kanda (RNC)	Precision microwave spectroscopy of the ground-state hyperfine splitting in muonium atom https://indico2.riken.jp/event/3180/	Nov. 26
12	Kohl (Hampton U.)	The proton radius puzzle and its intersections https://indico2.riken.jp/event/3190/	Dec. 9
13	Andrea Vitturi (INFN)	The molecular cluster model for ^{12}C and the description of inelastic processes in ^{12}C induced by alpha particles https://indico2.riken.jp/event/3181/	Dec. 12
14	DeukSoon Ahn (RNC)	Location of the neutron dripline at fluorine and neon https://indico2.riken.jp/event/3309/	Jan. 14
15	Or Hen (MIT)	Short-range correlations and the quarks within https://indico2.riken.jp/event/3317/	Jan. 21
16	Muhsin N. Harakeh (KVI-CART, GANIL, GSI)	<i>Co-organized by CNS and RNC</i> Nuclear compression modes from stable to exotic nuclei https://indico2.riken.jp/event/3324/	Feb. 3

Seminar by Each Laboratory

Nuclear Science and Transmutation Research Division

1	José R. C. López-Urrutia (Max-Planck)	Hard-core atomic physics: highly charged ions https://indico2.riken.jp/event/3030/	Apr. 11
2	Roland Diehl (Max-Planck)	Gamma-ray spectroscopy from nuclei in the cosmos https://indico2.riken.jp/event/3103/	Jul. 9
3	Shigeki Fujiyama (RIKEN)	計算機を活用した固体 NMR の解析法 https://indico2.riken.jp/event/3105/	Jul. 24
4	Yugo Nagata (Tokyo U. Sci.)	静周期磁場によるポジトロニウム超微細構造の観測実験 https://indico2.riken.jp/event/3162/	Nov. 5
5	Takatoshi Aoki (U. Tokyo)	極低温 Fr 原子を用いたバリオン非保存効果誘起の光シフトの研究：標準模型を超えた新物理と核のアナポールモーメント https://indico2.riken.jp/event/3198/	Dec. 20
6	Yoichi Yatsu (Tokyo Tech)	超小型衛星による宇宙開発の実態 -成功と挫折の軌跡-	Jan. 28
7	Daiki Yamashita (RIKEN)	Er-implanted silica lasers based on Si nanobeam cavities https://indico2.riken.jp/event/3356/	Feb. 27

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

Subnuclear System Research Division

1	Hirokazu Nishimura (RBRC)	QHP Seminar: Effective potential for the Polyakov loop to higher loop order	Apr. 1
2	Alex Kovner (U Connecticut)	NT / RIKEN seminar The Color Glass Condensate density matrix: Lindblad evolution, entanglement entropy and Wigner functional	Apr. 5
3	Tamura Hirokazu (Tohoku U.)	Nuclear physics with strange quarks --Recent results and future prospects at J-PARC-- https://indico2.riken.jp/event/3026/	Apr. 8
4	Paolo Bedaque (U. Maryland)	NT / RIKEN seminar: A Complex path around the sign problem	Apr. 12
5	Anatoly Radyushkin, (ODU/Jlab)	NT / RIKEN seminar: Parton distributions in Euclidean space	Apr. 19
6	Keh-Fei Liu (U. Kentucky)	RIKEN Lunch Seminar: Partons from the path-integral formalism of the hadronic tensor	Apr. 25
7	Gokce Basar (UIC)	RIKEN Lunch Seminar: Relativistic hydrodynamic fluctuations	May 3
8	Shoichiro Tsutsui (RIKEN)	QHP Seminar: Applicability of the complex Langevin method for QCD at finite density	May 8
9	Hirokazu Fujioaka (Tokyo Tech)	第4回「物質階層を横断する会」～ハドロン・原子核・原子・分子合同ミーティング ミハイベロン吸収によるダブルハイパー核フラグメント生成 https://indico2.riken.jp/event/3047/	May 10
10	Michael Strickland (Kent State U.)	NT / RIKEN seminar: The non-equilibrium attractor: Beyond hydrodynamics	May 10
11	Masashi Kaneta (Tohoku U.)	$\gamma d \rightarrow \Lambda K^+ n$ 反応での終状態相互作用を通じた Λn 間力測定実験計画 https://indico2.riken.jp/event/3070/	May 20
12	Enrico Rinaldi (RIKEN)	QHP Seminar: Composite Dark Matter	May 22
13	Semeon Valgushev (BNL)	RIKEN Lunch Seminar: Complex saddle points of path integrals	May 23
14	Shoichi Sasaki (Tohoku U.)	SNP Seminar: Nucleon form factors from lattice QCD at the physical point https://indico2.riken.jp/event/3042/	May 24
15	Henry Lamm (UMD)	NT / RIKEN seminar Pieces of the puzzle: Reaching QCD on quantum computers	May 24
16	Akio Tomiya (RBRC)	RIKEN Lunch Seminar: Applications of machine learning to computational physics	May 30
17	Kazuya Mameda (RIKEN)	QHP Seminar: Chiral kinetic theory with general relativity	Jun. 5
18	Hsiang-nan Li (NCTS)	NT / RIKEN seminar: D meson mixing via dispersion relation	Jun. 14
19	Nora Brambilla (TUM)	QHP Seminar: Nonrelativistic effective field theories for heavy quarkonium	Jun. 20
20	Minoru Tanaka (Osaka U.)	QHP Seminar: Search for new physics in isotope shifts of atomic spectra https://indico2.riken.jp/event/3091/	Jul. 10
21	Javad Shabani (NYU)	NT / RIKEN seminar: Topological superconducting qubits	Jul. 12
22	Paul Caucal (Saclay)	RIKEN Lunch Seminar: Deciphering the z_g distribution in ultrarelativistic heavy ion collisions	Jul. 25

23	Takafumi Niida (Tsukuba U.)	QHP Seminar: Global and local polarization in heavy-ion collisions	Jul. 31
24	Fabio Siringo (U. Catania)	NT / RIKEN seminar Perturbation Theory of Non-Perturbative QCD	Aug. 2
25	Jnanadeva Maharana (Inst. Physics, Bhubaneswar)	NT / RIKEN seminar: Topological Superconducting Qubits	Aug. 7
26	Kiminad Mamo (Stony Brook U.)	NT / RIKEN seminar DIS on a quantum extremal RN-AdS black hole: with application to DIS on a nucleus	Aug. 8
27	Ryo Karakida (AIST)	RIKEN Lunch Seminar: Mean field approach to the Fisher information matrix in deep neural networks	Aug. 15
28	Jean-Francois Paquet (Duke U.)	NT / RIKEN seminar: Effective and temperature-dependent viscosities in a hydrodynamically-expanding QCD plasma	Aug. 16
29	Daniel Harlow (MIT)	NT / RIKEN seminar: Symmetries in quantum field theory and quantum gravity	Aug. 23
30	Masazumi Honda (Cambridge)	RIKEN Lunch Seminar: Quantum black hole entropy from 4d supersymmetric Cardy formula	Aug. 29
31	Shailesh Chandrasekharan (Duke U.)	NT / RIKEN seminar: Qubit regularization of quantum field theories	Sep. 6
32	Andrey Tarasov (BNL)	RIKEN Lunch Seminar Deeply inelastic scattering structure functions on a hybrid quantum computer	Sep. 12
33	Derek Teaney (Stony Brook)	NT / RIKEN seminar: The bulk viscosity of QCD in the chiral limit	Sep. 19
34	Nodoka Yamanaka (Kyoto U.)	QHP Seminar: Nuclear electric dipole moment and the axions https://indico2.riken.jp/event/3115/	Sep. 25
35	Andrecia Ramnath (U. Jyvaskyla)	RIKEN Lunch Seminar: Rapidity correlators at unequal rapidity	Sep. 26
36	Giuliano Giacalone (IPhT – Saclay)	NT / RIKEN seminar: Observing the deformation of nuclei with relativistic nuclear collisions	Sep. 27
37	Adrien Florio (EPFL)	RIKEN Lunch Seminar Chiral charge dynamics in Abelian gauge theories at finite temperature	Oct. 3
38	Gerald Dunne (U. Connecticut)	NT / RIKEN seminar: Resurgence and non-perturbative physics	Oct. 4
39	Ming Li (U. Connecticut)	NT / RIKEN seminar JIMWLK equation from quantum-classical correspondence	Oct. 11
40	Rasmus Larsen (BNL)	RIKEN Lunch Seminar: Bottomonias in QGP from lattice QCD: Beyond the ground states	Oct. 17
41	Derek Teaney (Stony Brook U.)	NT/RIKEN Seminar: The bulk viscosity of QCD in the chiral limit	Oct. 18
42	Koichi Hattori (YITP)	QHP Seminar: Recent progress in relativistic magnetohydrodynamics	Oct. 23
43	Miguel A. Vazquez-Mozo (U. Salamanca)	QHP Seminar: Anomalous (super)fluids and differential geometry	Oct. 23
44	Sophia Han (Ohio U.)	NT/RIKEN Seminar: Detectability of phase transitions from multi-messenger observations	Oct. 25
45	Joseph Kapusta	Special NT/RIKEN Seminar: Relaxation time for strange quark spin in rotating quark-gluon plasma	Oct. 31

46	Alba S. Ontoso (BNL)	RIKEN Lunch Seminar: Revisiting the discovery potential of the isobar run at RHIC	Nov. 14
47	Paul Chesler (Harvard U.)	NT/RIKEN Seminar: Critical gravitational collapse and thermalization in small systems	Nov. 22
48	Savely Karshenboim (LMU)	QHP Seminar: New quantum SI units and fundamental constants	Nov. 26
49	Nicolas Wink (Heidelberg)	Special NT/RIKEN Seminar: Elementary correlation functions in QCD and their application	Dec. 4
50	Amit Kumar	NT/RIKEN Seminar Probing quark-gluon plasma at high resolution	Dec. 6
51	Florian Cougoulic	NT/RIKEN Seminar: Helicity-dependent generalization of the JIMWLK evolution and MV model	Dec. 13
52	Scott Lawrence	NT/RIKEN Seminar: From qubits to quarks: Parton physics on a quantum computer	Dec. 20
53	Kaushik Roy (Stony Brook U.)	RIKEN Lunch Seminar: NLO impact factor for inclusive photon+dijet production in $e + A$ DIS at small x	Jan. 23
54	Stefan Hoeche (Fermilab)	NT/RIKEN Seminar: Towards precision event simulation for collider experiments	Jan. 24
55	Dean Lee	NT/RIKEN Seminar New tools for the quantum many-body problem	Feb. 7
56	Xiangdong Ji	Special NT/RIKEN Seminar: Partonic structure of the proton from large momentum effective theory	Feb. 10
57	Greg Jackson (U. Bern)	RIKEN Lunch Seminar: Shedding light on photon and dilepton spectral functions	Feb. 13
58	Carlota A. Casas	NT/RIKEN Seminar: Solving the medium-induced gluon radiation spectrum for an arbitrary number of scatterings	Feb. 14
59	Eduardo Fraga	Special NT/RIKEN Seminar: Critical dynamics from small, noisy, fluctuating systems	Feb. 18
60	Leticia Palhares	Special NT/RIKEN Seminar: Infrared gluon mass and the Gribov-Zwanziger model of nonperturbative Yang-Mills theories	Feb. 19
61	Kazuki Ikeda (Osaka U.)	RIKEN Lunch Seminar: Phase transitions of quantum annealing and quantum chaos	Feb. 20
62	Duff Neill	NT/RIKEN Seminar: Soft fragmentation on the celestial sphere	Feb. 21
63	Tomoya Hayata (Keio U.)	QHP Seminar: Chiral magnetic/vortical effect of light	Feb. 26
64	Katerina Chatziioannou	NT/RIKEN Seminar: Studying supranuclear matter with gravitational waves from neutron star binaries	Feb. 28
65	Yong Zhao (BNL)	RIKEN Lunch Seminar: Nonperturbative Collins-Soper kernel from lattice QCD	Mar. 5
66	Abha Rajan (BNL)	RIKEN Lunch Seminar: Ioffe time behavior of PDFs and GPDs	Mar. 12

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

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

RIKEN/BNL Lunch Time Talk -> <https://sites.google.com/site/rikenlunch/talks>