

X. LIST OF SEMINARS

List of Seminars (April 2013 - March 2014)

Nuclear Physics Monthly Colloquium

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|---|---------------------------------|--|---------|
| 1 | Hirohiko Shimizu (Nagoya Univ.) | Particle and Nuclear Physics using Slow Neutrons http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1047 | May 14 |
| 2 | Junichiro Makino (Tokyo Tech.) | Dark matter halo simulation using the Kei computer http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1295 | Oct. 8 |
| 3 | Emiko Hiyama (RNC) | Exotic nuclei with strangeness from viewpoint of few-body problem http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1309 | Nov. 26 |
| 4 | Kazunori Itakura (KEK) | Strong field physics and its application to hadron physics http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1371 | Jan. 14 |

RIBF Nuclear Physics Seminar

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| 1 | Haozhao Liang (RNC) | Pseudospin symmetry in nuclear single-particle spectra and its perturbative interpretation http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1091 | Apr. 9 |
| 2 | UENO Hideki (RNC) | Spin-oriented RI beams at RIBF and their applications http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1157 | Jun. 11 |
| 3 | Yoshimasa Hidaka (RNC) | Generalization of the Nambu-Goldstone theorem http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1185 | Jun. 18 |
| 4 | Shigehiro Nagataki (Astrophysical Big Bang Lab., RIKEN) | RIBF Nuclear Physics Seminars 167th: Nuclear Astrophysics in Astrophysical Big Bang Laboratory http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1222 | Jul. 9 |
| 5 | Valerii Panin (GSI) | Exclusive Measurements of Proton-Induced Quasi-Free Scattering Reactions in Inverse and Complete Kinematics http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1250 | Aug. 12 |
| 6 | Yoshihiro Aritomo (Tokyo Tech.) | Dynamics approach to synthesis of superheavy elements http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1326 | Oct. 29 |
| 7 | Yasuro Funaki (RNC) | Imaginary time theory for triple-alpha reaction rate http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1348 | Nov. 22 |
| 8 | Hiroshi Suzuki (RNC) | Production cross section measurements and New isotope searches by BigRIPS separator at RIKEN RI Beam Factory http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1410 | Jan. 28 |
| 9 | Lembit Sihver (Chalmers Univ. of Tech.) | Charged Particle Transport Simulations for Radiotherapy and Space Dosimetry http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1419 | Feb. 6 |
| 10 | Nobuyuki Kobayashi (Univ. of Tokyo) | Spectroscopy of p-wave neutron halo nuclei via neutron removal reactions http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1427 | Feb. 18 |
| 11 | Stefano Gandolfi (Los Alamos National Lab.) | Microscopic Calculations of Homogeneous and Inhomogeneous Neutron Matter http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1425 | Feb. 26 |
| 12 | Kenichiro Tateishi (RNC) | Dynamic nuclear polarization - from polarized target to NMR spectroscopic applications http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1440 | Mar. 11 |
| 13 | Bijay Kumar Agrawal (Saha Inst. of Nuclear Physics) | Nuclear symmetry energy from nuclear observables http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1444 | Mar. 25 |
| 14 | Attila Krasznahorkay (MTA Atomki) | Constraining the EoS of neutron-rich matter by studying giant resonances http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1469 | Mar. 31 |

Lecture Series on Nuclear Physics

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| 1 | Tatsuyuki Takatsuka (Iwate Univ.) | X-2: Baryonic Matter and Neutron Stars http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1117 | May 9 |
| 2 | Tatsuyuki Takatsuka (Iwate Univ.) | X-3: Baryonic Matter and Neutron Stars http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1192 | Jul. 26 |

Special Seminar

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| | not held in FY2013 | | |
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Seminar by Each Laboratory

Theoretical Research Division

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| 1 | Shigehiro Nagataki (Astrophysical Big Bang Lab., RIKEN) | Take off of Our New Lab. "Astrophysical Big Bang Laboratory" http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1122 | Apr. 10 |
| 2 | Charles Melby-Thompson (IPMU, Univ. of Tokyo) | Anisotropic Conformal Symmetry and Gravity http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1123 | Apr. 15 |
| 3 | Jens Hoppe (Sogang Univ.) | Noncommutative Surfaces | Apr. 22 |
| 4 | Takashi Nakatsukasa (RNC) | Introduction of Theoretical Nuclear Physics Laboratory http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1131 | Apr. 24 |
| 5 | Takashi Nakatsukasa (RNC) | Real-time calculations of many-body quantum dynamics (II) http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1160 | May 15 |
| 6 | Kantaro Omori (Univ. of Tokyo) | Superstring theory and integration over moduli space http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1159 | May 20 |
| 7 | Nodoka Yamanaka (Kyoto Univ.) | Electric dipole moments and supersymmetric CP violation http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1176 | May 27 |
| 8 | Akihisa Kohama (RNC) | Systematic studies of nuclear total reaction cross sections and related topics http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1177 | May 29 |
| 9 | Kosuke Yoshioka (Univ. of Tokyo) | Quantum degenerate phases of electron-hole systems in photoexcited semiconductors http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1181 | May 31 |
| 10 | Shin Nakamura (Nagoya Univ.) | Non-equilibrium Phase Transitions and Non-equilibrium Critical Point from AdS/CFT | Jun. 3 |
| 11 | Etsuko Itou (KEK) | Conformal fixed point of $N_f=12$ $SU(3)$ gauge theory | Jun. 10 |
| 12 | Kouhei Washiyama (RNC) | Fusion and dynamical potential in heavy systems http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1195 | Jun. 19 |
| 13 | Atsushi Nakamura (Hiroshima Univ.) | HPCI 主催素核宇宙融合レクチャーシリーズ第9回「ゼロからの格子 QCD 入門-有限バリオン密度系の研究を目指して」 | Jun. 26-27 |
| 14 | Shuhrat Kalandarov (JINR / Tokyo Tech.) | Production of doubly magic nucleus 100Sn in fusion reactions via particle and cluster emission channels http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1200 | Jul. 5 |
| 15 | Hiroto So (Ehime Univ.) | Criteria of Lattice Supersymmetry: Cyclic Leibniz Rule | Jul. 8 |
| 16 | Hiroshi Suzuki (RIKEN) | Energy-momentum tensor from the Yang-Mills gradient flow | Jul. 22 |

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| 17 | Ellena Botta (INFN - Sezione di Torino and Torino Univ.) | Highlights on n-rich Λ -Hypernuclei from the FINUDA experiment http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1270 | Aug. 28 |
| 18 | Nguyen Dinh Dang (RNC) | Giant dipole resonance in 88-Mo from phonon damping model's strength functions averaged over temperature and angular momentum http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1275 | Sep. 4 |
| 19 | Jiangming Yao (Tohoku Univ. / Southwest Univ.) | Description of Nuclear Collective Excitations with Multi-Reference Covariant Density Functional Theory (The 41st Nuclear Theory Seminar) | Oct. 9 |
| 20 | Masato Taki (RIKEN) | Junction of 5d CFT, 5-branes and AGT relation | Oct. 21 |
| 21 | Seiji Terashima (YITP) | Exact results in supersymmetric field theories on manifolds with boundaries | Oct. 28 |
| 22 | Akio Hosoya (Tokyo Tech.) | Black Holes and Quantum Information http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1332 | Oct. 30 |
| 23 | Y. Taniguchi (Univ. of Tsukuba) | Cluster correlations in deformed states http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1345 | Nov. 8 |
| 24 | Shinichi Sasa (Kyoto Univ) | An Introduction to Modern Non-Equilibrium Statistical Mechanics | Nov. 14 |
| 25 | Marcus Werner (IPMU) | Mathematical properties of gravitational lensing theory | Nov. 18 |
| 26 | Koichi Sato (RNC) | Energy-density-functional calculations including the proton-neutron mixing http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1351 | Nov. 20 |
| 27 | Nguyen Dinh Dang (RNC), Maria Dainotti, and Herman Lee (Astrophysical Big Bang Lab., RIKEN) | Viscosity: From air to hot nuclei/ The Luminosity-time correlation (L_x - T_a) in GRB afterglows as a cosmological tool/ Supernova Remnants --- Active Retirement Life of Stars http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1365 | Nov. 27 |
| 28 | Jiangming Yao (Tohoku Univ. & Southwest Univ.) | Beyond mean - field description of impurity effect of Λ hyperon on nuclear collective excitations http://snp.riken.jp/abstract_pdf/abstract_RIKEN2013_yao.pdf | Dec. 3 |
| 29 | Hitoshi Murayama (Kavli IPMU, Univ. of Tokyo) | The Quantum Universe http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1378 | Dec. 4 |
| 30 | Yasuhiro Yamaguchi (RCNP) | Exotic baryons from a heavy meson and a nucleon http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1373 | Dec. 10 |
| 31 | Mitsuhiro Kato (Univ. of Tokyo) | Extending string field theory for massless higher spin fields | Dec. 10 |
| 32 | Takahiro Tanaka (YITP) | Field theory in de Sitter space | Dec. 12 |
| 33 | Hyun-Chul Kim (Inha Univ.) | Transverse charge and spin structures of the pion and the nucleon | Dec. 17 |
| 34 | Akinori Ogawa (KIAS) | Basic issues of entanglement entropy in AdS/CFT | Jan. 6 |
| 35 | Akihiro Ishibashi (Kinki Univ.) | Black Holes in Higher Dimensions http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1396 | Jan. 8 |
| 36 | Kosuke Sumiyoshi (Numazu National College of Tech.) | 素核宇宙融合レクチャーシリーズ第10回「重力崩壊型超新星の爆発メカニズム：核物理と天文数値シミュレーションの連携」 | Jan. 10-11 |
| 37 | Haozhao Liang (RNC) | Nuclear beta-decay half-lives and the impact of isoscalar proton-neutron pairing http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1405 | Jan. 15 |
| 38 | Shigeru Kubono (RNC) | Study of explosive hydrogen burning process for type II supernovae http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1408 | Jan. 22 |

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| 39 | Yoshimasa Hidaka (RNC) | Spacetime Symmetry Breaking, Elastic Variables and Nambu-Goldstone Modes | Jan. 29 |
| 40 | Daigo Honda (Univ. of Tokyo) | Classical Liouville Three-point Functions from Riemann-Hilbert Analysis | Feb. 3 |
| 41 | Maxim Barkov (Astrophysical Big Bang Lab., RIKEN) | Magnetically driven gamma-ray bursts http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1431 | Feb. 12 |
| 42 | Jirong Mao (Astrophysical Big Bang Lab., RIKEN) | Gamma-ray Burst: A Possible Site to Detect R-process Elements? http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1431 | Feb. 12 |
| 43 | Haozhao Liang (RNC) | Nuclear collective excitations and r-process nucleosynthesis http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1431 | Feb. 12 |
| 44 | Avraham Gal (The Hebrew Univ.) | Pion-assisted Nucleon-Delta and Delta-Delta dibaryons | Feb. 26 |
| 45 | Kengo Maeda (Shibaura tech.) | Application of AdS/CFT beyond Linear Response Theory and Construction of New Static Black Holes Solutions | Mar. 10 |
| 46 | Taro Kimura (RIKEN/CEA Saclay) | Current reflection and transmission at conformal defects | Mar. 17 |
| 47 | Kazuyuki Ogata (RCNP) | 素核宇宙融合レクチャーシリーズ 第11回「離散化チャネル結合法を軸とする原子核反応研究の進展と応用」 | Mar. 24-25 |

Sub Nuclear System Research Division

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|----|---|--|------------|
| 1 | Jinfeng Liao (Indiana Univ. & CEEM, RBRC) | Jet Quenching at RHIC vs LHC in Light of Recent dAu vs pPb Controls Workshop: Opaqueness Evolution from Color Liberation | Apr. 16 |
| 2 | Bernd Kniehl (Hamburg Univ.) | Theoretical Physics Seminar at BNL: Heavy-quarkonium theory in the LHC era | Jun. 18 |
| 3 | Shu Lin (SUNY Stony Brook) | Theoretical Physics Seminar at BNL: Out of equilibrium chiral magnetic conductivity and chiral magnetic wave | Jul. 25 |
| 4 | Michael Lublinsky (Ben-Gurion Univ.) | Theoretical Physics Seminar at BNL: QCD Reggeon Field Theory from the JIMWLK/KLWMIJ evolution | Jul. 26 |
| 5 | Robert Lohmayer (Florida International Univ.) | Theoretical Physics Seminar at BNL: Many-flavor Schwinger model at finite chemical potential | Aug. 8 |
| 6 | Denis Molnar | Theoretical Physics Seminar at BNL | Aug. 30 |
| 7 | Anna Stasto (Penn State) | Nuclear Physics & RIKEN Theory Seminar at BNL: Forward particle production in proton(deuteron)-nucleus collisions at higher order accuracy | Sep. 6 |
| 8 | Zheng Li (RBRC) | Novel Silicon Detector Development and Processing for Nuclear and High Energy Physics and Photon Science at BNL http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1265 | Sep. 9 |
| 9 | Isao Watanabe (RNC) | muSR Applications Seminar (UI/Indonesia) | Sep. 10-11 |
| 10 | Tilman Plehn (Univ. of Heidelberg) | High-Energy Physics & RIKEN Theory Seminar at BNL: Higgs Physics for the LHC | Sep. 11 |
| 11 | Naoki Yamamoto (Univ. of Maryland) | Nuclear Physics & RIKEN Theory Seminar: Kinetic theory with quantum anomalies and its applications | Sep. 13 |
| 12 | Isao Watanabe (RNC) | Muon Site Estimation Seminar (USM/Malaysia) | Sep. 13 |

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| 13 | Isao Watanabe (RNC) | μ SR Applications to Materials Science (Kyutech) | Sep. 17 |
| 14 | Luca Vecchi (Univ. of Maryland) | High-Energy Physics & RIKEN Theory Seminar at BNL: Dark Matter in Un Natural Composite Higgs Models | Sep. 18 |
| 15 | V. Parameswaran Nair (CUNY City College) | Nuclear Physics & RIKEN Theory Seminar at BNL: Anomalies and Fluid dynamics: A group-theoretic approach | Sep. 20 |
| 16 | Yu Maezawa (BNL) | RIKEN Theory Seminar at BNL: Spatial meson correlations and screening masses at finite temperature in lattice simulations with HISQ | Sep. 26 |
| 17 | Taku Izubuchi (BNL) | Theoretical Physics Seminar at BNL | Sep. 27 |
| 18 | Daisuke Satow (RNC/BNL) | RIKEN Theory Physics Seminar at BNL: (Quasi) Nambu-Goldstone Fermion in QGP and Cold Atom System | Oct. 3 |
| 19 | Gokce Basar (Stony Brook) | Nuclear Physics & RIKEN Theory Seminar at BNL Resurgence theory, ghost instantons and analytical continuation of path integrals | Oct. 4 |
| 20 | Akihiko Monnai (RBRC) | RIKEN Theory Seminar at BNL: Non-equilibrium collective dynamics in high-energy heavy ion collisions | Oct. 10 |
| 21 | Isao Watanabe (RNC) | μ SR Applications at the RIKEN-RAL and RAON(Chung-ang Univ./ Korea) | Oct. 10 |
| 22 | Amarjit Soni (BNL) | Theoretical Physics Seminar at BNL | Oct. 11 |
| 23 | Shinsuke Yoshida (RNC) | RIKEN Theory Seminar at BNL: Application of the twist-3 framework to the high energy spin physics | Oct. 17 |
| 24 | Isao Watanabe (RNC) | μ SR Applications at the RIKEN-RAL(National Tsing Hua Univ./Taiwan) | Oct. 17 |
| 25 | Denes Molnar (Purdue) | Nuclear Physics & RIKEN Theory Seminar at BNL: Radiative $gg \leftrightarrow gg$ transport and thermalization | Oct. 18 |
| 26 | Isao Watanabe (RNC) | μ SR Applications at the RIKEN-RAL(National Cheng Kung Univ./Taiwan) | Oct. 18 |
| 27 | Gabe Shaughnessy (Univ. of Wisconsin) | Theoretical Physics Seminar at BNL | Oct. 23 |
| 28 | Anna Hasenfratz (Univ. of Colorado) | RIKEN Theory Seminar at BNL: Strongly coupled gauge theories in and out of the conformal window | Oct. 24 |
| 29 | Chris Monahan (College of William and Mary) | High-Energy Physics & RIKEN Theory Seminar at BNL: B physics from the lattice: m_b and f_B | Oct. 30 |
| 30 | Jose Wudka (UC Riverside) | High-Energy Physics & RIKEN Theory Seminar at BNL: Effective Theories and Some Applications | Nov. 6 |
| 31 | Keitaro Nagata (KEK) | RIKEN Theory Seminar at BNL: Baryon number distribution in lattice QCD simulations | Nov. 7 |
| 32 | Azwindinni Muronga (Johannesburg) | Nuclear Physics & RIKEN Theory Seminar at BNL: Beyond second-order dissipative fluid dynamics | Nov. 8 |
| 33 | Teichiro Matsuzaki, Katsuhiko Ishida & Isao Watanabe (RNC) | Applications and Researches at the RIKEN-RAL (ITS/Indonesia) | Nov. 11 |
| 34 | James Gainer (Univ. of Florida) | High-Energy Physics & RIKEN Theory Seminar at BNL: The Higgs Boson in the Golden Channel | Nov. 13 |
| 35 | Shigemi Ohta (KEK/RBRC) | RIKEN Theory Seminar at BNL: Nucleon structure from 2+1-flavor dynamical DWF lattice QCD at nearly physical pion mass | Nov. 14 |

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| 36 | Tseh Liou (Columbia) | Nuclear Physics & RIKEN Theory Seminar at BNL: Radiative pT-broadening of high energy quarks and gluons in QCD matter | Nov. 15 |
| 37 | Axel Cortes Cubero (CUNY) | RIKEN Theory Seminar at BNL: The Integrable Bootstrap Program at Large N and its Applications in Gauge Theory | Nov. 21 |
| 38 | Timo Alho (Jyvaskyla) | Nuclear Physics & RIKEN Theory Seminar at BNL: Thermodynamics of holographic models for QCD in the Veneziano limit | Nov. 22 |
| 39 | Berndt Mueller (BNL) | The Investigation of Hot QCD Matter | Dec. 10 |
| 40 | Jared Evans (Rutgers Univ.) | Joint HET/RIKEN/YITP Seminar at BNL: Under the Lens of RPV: An Examination of the LHC Program | Dec. 11 |
| 41 | Ethan Neil (Univ. of Colorado / RBRC) | RIKEN Theory Seminar at BNL: Composite Bosonic Dark Matter | Dec. 12 |
| 42 | Vladimir Skokov (Western Michigan Univ.) | Nuclear Physics & RIKEN Theory Seminar at BNL: Collectivity in proton-nucleus collisions at LHC | Dec. 13 |
| 43 | Isao Watanabe (RNC) | μ SR Facility at RAON(Osaka Univ.) | Dec. 18 |
| 44 | Sergey Syritsyn (RBRC) | RIKEN Theory Seminar at BNL: Nucleon structure on a lattice near the physical point | Dec. 19 |
| 45 | Taichi Kawanai (BNL) | Theoretical Physics Seminar at BNL | Dec. 20 |
| 46 | Yasumichi Aoki (KMI, Nagoya Univ.) | RIKEN Theory Seminar at BNL: Physics near the conformal boundary in SU(3) gauge theory | Jan. 9 |
| 47 | Heikki Mantysaari (Jyvaskyla Univ.) | Nuclear Physics & RIKEN Theory Seminar at BNL: Particles from the Colored Glass: diffraction, DIS and hadron production | Jan. 10 |
| 48 | Maxwell T. Hansen (Univ. of Washington) | Nuclear Physics & RIKEN Theory Seminar at BNL: Mapping the finite-volume spectrum to the S-matrix | Jan. 15 |
| 49 | Isao Watanabe (RNC) | μ SR Applications at RCNP, RIKEN-RAL and RAON (ibs/Korea) | Jan. 15 |
| 50 | Soeren Schlichting (BNL) | Theoretical Physics Seminar at BNL: Turbulent thermalization process in heavy-ion collisions at ultrarelativistic energies | Jan. 16 |
| 51 | Jinfeng Liao (Indiana Univ.) | Nuclear Physics & RIKEN Theory Seminar at BNL: Opacity evolution and hard probe of fluctuating geometry from RHIC to LHC | Jan. 17 |
| 52 | Gabe Shaughnessy | RIKEN Theory Seminar at BNL: Exploring Higgs Doublet Models With Future Colliders | Jan. 22 |
| 53 | Isao Watanabe (RNC) | μ SR Applications at the RIKEN-RAL (NTNU/Norway) | Jan. 28 |
| 54 | Sergei Dubovsky (New York Univ.) | RIKEN Theory Seminar at BNL: Integrable Quantum Gravity and the Hierarchy Problem | Jan. 29 |
| 55 | Hiroshi Ohno (BNL) | RIKEN Theory Seminar at BNL: Dirac spectrum and chiral and U _A (1) symmetries at finite temperature with the highly improved staggered quarks | Jan. 30 |
| 56 | Chris Kelly (RBRC) | Theoretical Physics Seminar at BNL | Jan. 31 |
| 57 | Yuji Koike (Niigata Univ.) | 第1回高エネルギーQCD・核子構造勉強会：摂動QCDに基づくシングルスピンの非対称研究の現状 http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1417 | Feb. 4 |
| 58 | Yuji Goto (RNC) | 第1回高エネルギーQCD・核子構造勉強会：RHIC-PHENIX 実験の高度化計画 http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1417 | Feb. 4 |

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| 59 | Matt Buckley (Rutgers, The State Univ. of New Jersey) | High-Energy Physics & RKEN Theory Seminar at BNL : Searching for new electroweak particles with superrazor variables | Feb. 5 |
| 60 | Kouji Kashiwa (RBRC) | RIKEN Theory Seminar at BNL: Investigation of QCD phase structure from imaginary chemical potential | Feb. 6 |
| 61 | Christoph Lehner (BNL) | High-Energy Physics & RKEN Theory Seminar at BNL: Perspectives in lattice B physics | Feb. 7 |
| 62 | Ioannis Iatrakis | Nuclear Physics & RKEN Theory Seminar at BNL: The Chern-Simons diffusion rate in improved Holographic QCD | Feb. 14 |
| 63 | Stefan Meinel (MIT) | High-Energy Physics & RKEN Theory Seminar at BNL: Hadron structure calculations in lattice QCD: from flavor physics to the proton radius | Feb. 19 |
| 64 | Mike Creutz (BNL) | High-Energy Physics & RKEN Theory Seminar at BNL: Chiral symmetry and lattice fermions | Feb. 21 |
| 65 | Isao Watanabe (RNC) | Muon Site Estimations by Computational Methods (USM/Malaysia) | Feb. 25 |
| 66 | Aaron Pierce (Univ. of Michigan) | Joint HET/RIKEN/YITP Seminar at BNL: Exotic Top Partners and Little Higgs | Feb. 26 |
| 67 | Daniel Pitonyak (RBRC) | RIKEN Theory Seminar at BNL: The transverse single-spin asymmetry "spin crisis" in proton-proton collisions | Feb. 27 |
| 68 | Yi Yin (Univ. of Illinois at Chicago) | Nuclear Physics & RKEN Theory Seminar at BNL : Exploring Quark Gluon Plasma with Realistic Hydrodynamic Evolution | Feb. 28 |
| 69 | Yuya Tanizaki (Univ. of Tokyo) | RIKEN Theory Seminar at BNL : Functional renormalization group method for ultra cold fermions | Mar. 6 |
| 70 | Aian Dumitru (Baruch) | Nuclear Physics & RIKEN Theory Seminar at BNL: Azimuthal anisotropies in collisions of protons with a holographic shock wave | Mar. 7 |
| 71 | Claudia Frugiuele (Fermilab) | RIKEN Theory Seminar at BNL: Dirac gauginos, R symmetry and the 125 GeV Higgs | Mar. 12 |
| 72 | Pedro Jimenez-Delgado (Jefferson Lab.) | Nuclear Physics & RIKEN Theory Seminar at BNL : Delineating polarized and unpolarized parton distribution functions | Mar. 14 |
| 73 | Isao Watanabe (RNC) | Workshop on Muon Site Estimations (RAL/UK) | Mar. 15 |
| 74 | Matthew Sievert (Ohio State Univ.) | RIKEN Theory Seminar at BNL : Sivers Function in the Quasi-Classical Approximation | Mar. 20 |
| 75 | Gokce Basar (Stony Brook) | Nuclear Physics & RIKEN Theory Seminar at BNL : Resurgence theory in quantum mechanics and analytical continuation of path integrals | Mar. 21 |
| 76 | Yan-Qing Ma (BNL) | RIKEN Theory Seminar at BNL: QCD factorization and Parton Distribution Functions on Lattice | Mar. 27 |
| 77 | Meifeng Lin (BNL) | High-Energy Physics & Theoretical Physics Seminar at BNL: Nucleon structure on the lattice: Approaching the physical limit | Mar. 28 |

RIBF Research Division

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| 1 | Masaharu Okano (RNC) | 環境放射線100年を振り返る http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1125 | May 9 |
| 2 | Andrei Andreyev (Univ. of York) | Shape coexistence and fission in the lead region studied by in-source laser spectroscopy at RILIS-ISOLDE http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1179 | May 27 |

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| 3 | Masaomi Tanaka (NAO) | Optical observations of supernova explosions http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1166 | May 31 |
| 4 | Wataru Iwakiri (RNC) | Observational Study of Radiative Transfer under Strong Magnetic Fields on Neutron Stars http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1189 | Jun. 12 |
| 5 | Kumi Ishikawa (RNC) | Systematic Search for Solar Wind Charge Exchange X-Ray Emission from the Earth's Exosphere with Suzaku http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1194 | Jun. 19 |
| 6 | Takayuki Kotani (NAO) | Search for extra-solar Earth-like planets around nearby M-type stars by Infrared Doppler Instrument (IRD) http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1201 | Jun. 26 |
| 7 | Taro Matsuo (Kyoto Univ.) | Direct Imaging of Earth-like Exoplanets with Extremely Large Telescope http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1202 | Jun. 26 |
| 8 | Gregory Pang (LBL) | Direct Measurement of Superheavy Element Z & A at the Berkeley Gas-Filled Separator http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1210 | Jul. 1 |
| 9 | Yuri A Litvinov (GSI) | Precision experiments with stored exotic nuclides for nuclear structure and astrophysics http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1232 | Jul. 10 |
| 10 | Mikio Morii (MAXI team, RIKEN) | Discovery of an ignition of a nova on MAXI J0158-744 http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1267 | Aug. 29 |
| 11 | Alexey P. Severyukhin (JINR) | Gamow-Teller transitions and a separable approximation for Skyrme interactions http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1272 | Sep. 5 |
| 12 | Dao Tien Khoa (Inst. for Nuclear Sci. & Tech.) | Charge-exchange scattering to IAS and implication for the nuclear symmetry energy http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1290 | Sep. 13 |
| 13 | Shiu-Hang (Herman) Lee (Astrophysical Big Bang Lab., RIKEN) | Unraveling the Many Facets of Supernova Remnants in High-energy and Their Link to Galactic Cosmic Rays http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1318 | Oct. 10 |
| 14 | Habil. M.I.Faley (Peter Grünberg Inst., Forschungszentrum Jülich GmbH) | Technology, properties and applications of graphoeptaxial high-Tc SQUIDs http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1328 | Oct. 29 |
| 15 | Lucio Rossi (CERN) | Advanced technology at the LHC of CERN: Higgs boson and more http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1343 | Nov. 19 |
| 16 | Jiancheng Yang (IMP, CAS) | Introduction to HIAF project (High-Intensity Heavy Ion Accelerator Facility-HIAF) http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1377 | Dec. 16 |
| 17 | Sudip Bhattacharyya (Tata Inst. of Fundamental Research) | Burst oscillations from neutron star LMXBs http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1376 | Dec. 19 |
| 18 | Fabio Acero (NASA / GSFC) | From GeV to TeV: a SNR overview http://indico2.riken.jp/indico/conferenceDisplay.py?confId=1401 | Jan. 16 |

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| 1 | Shinya Wanajo (NAO) | 重元素の起源:超新星爆発 vs. 中性子星合体 | July 23 |
| 2 | Haozhao Liang (RNC) | Nuclear charge-exchange excitations in covariant density functional theory | Oct. 31 |
| 3 | Toshiyuki Sumikama (Tohoku Univ.) | 中性子過剰 Zr および Mo 同位体の質量数 110 近傍での形状変化 | Nov. 7 |
| 4 | Jirina Stone (Univ. of Oxford / Univ. of Tennessee-Knoxville) | Neutron Rich Matter in Stellar Processes | Nov. 22 |
| 5 | Bruce R. Barrett (Univ. of Arizona, Tucson) | The No Core Shell Model within an Effective Field Theory framework | Nov. 27 |
| 6 | Michio Kohno (Kyushu Dental Univ.), | カイラル有効理論の3体力に基づく核子多体系の微視的理解 | Nov. 28 |

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| 7 | Kosuke Nomura (GANIL) | Interacting boson model and nuclear mean field | Dec. 26 |
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| 1 | Fumiharu Kobayashi (Kyoto Univ.) | 軽い原子核におけるダイニュートロン相関の系統的研究 | Apr. 18 |
| 2 | Yusuke Tanimura (Tohoku Univ.) | Application of the inverse Hamiltonian method to relativistic point coupling model calculations on 3D mesh | Jun. 4 |
| 3 | Jinniu Hu (Peking Univ.) | The relativistic Brueckner-Hartree-Fock theory for finite nuclei system | Aug. 26 |
| 4 | Kazuyuki Ogata (RCNP) | 核子系非束縛状態の存在形態と崩壊様式に対する動力学的研究 | Oct. 11 |
| 5 | Toshitaka Tatsumi (Kyoto Univ.) | 高温・高密度クォーク物質での非一様カイラル相 | Oct. 22 |

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