

5. Management

Headed by the RNC Director Hiroyoshi SAKURAI, the RIKEN Nishina Center for Accelerator-Based Science (RNC) consists of:

- 6 Laboratories
- 13 Groups with 18 Teams
- 1 overseas research center with 3 Groups

as of the end of FY2023. There are also two 'Partner Institutes' which conduct research in the laboratories set up in RNC. RNC is managed by its Director who takes into consideration the majority decision of the RNC Coordination Committee. The management of RNC is supported by the following committees:

- Coordination Committee
- Program Advisory Committee
- Safety Review Committee
- RIBF Machine Time Committee
- Public Relations Committee
- RIKEN Accelerator Progress Report Editorial Committee

There are also committees to support the President of RIKEN and/or the Director of RNC such as:

- Nishina Center Advisory Council with two subcommittees:
 - RBRC Scientific Review Committee (SRC)
 - RBRC Management Steering Committee (MSC)

Nishina Center for Accelerator-based Science

Executive Members (as of March 31, 2024)

Hiroyoshi SAKURAI	Director
Osamu KAMIGAITO	Deputy Director (Research Facility Development Division)
Tomoko ABE	Deputy Director (Accelerator Applications Research Division)
Masahiro IWASAKI	Deputy Director (Subnuclear System Research Division)
Kosuke MORITA	Senior Advisor

RNC Coordination Committee

The following subjects relevant to the RNC management are deliberated under the chairmanship of the RNC Director:

- Establishment of the new organization or reorganization in RNC
- Personnel management of RNC researchers
- Research themes and research budget
- Approval of the partner institutes
- Evaluation of the management of RNC and the response to the recommendations by external evaluation

The RNC Coordination Committee is held monthly.

Members (as of March 31, 2024)

Hiroyoshi SAKURAI	Director, RNC; Director, Radioactive Isotope Physics Group and Nuclear Transmutation Data Group
Osamu KAMIGAITO	Deputy Director, RNC; Director, Accelerator Group; Team Leader, Ion Source Team
Tomoko ABE	Deputy Director, RNC; Director, Ion Beam Breeding Group
Masahiko IWASAKI	Deputy Director, RNC; Director, Meson Science Laboratory
Kosuke MORITA	Senior Advisor, RNC
Tetsuya OHNISHI	Director, Instrumentation Development Group
Tomohiro UESAKA	Director, Nuclear Dynamics Research Group
Hideki UENO	Director, Nuclear Structure Research Group and User Liaison Group
Emiko HIYAMA	Director, Few-body Systems in Physics Laboratory
Toru TAMAGAWA	Director, Cosmic Radiation Laboratory
Yuko MOTIZUKI	Director, Astro-Glaciology Laboratory
Masaaki KIMURA	Director, Nuclear Many-body Theory Laboratory
Yasuyuki AKIBA	Director, RHIC Physics Research Laboratory; Group Leader, Experimental Group, RIKEN BNL Research Center
Hiromitsu HABA	Director, Nuclear Chemistry Group and Superheavy Element Research Group
Kanenobu TANAKA	Director, Safety Management Group
Hiroki OKUNO	Deputy Group Director, Accelerator Group; Director, Nuclear Transmutation Technology Group; Team Leader, Accelerator R&D Team and Cryogenic Technology Team
Nobuhisa FUKUNISHI	Deputy Group Director, Accelerator Group; Director, Research Instruments Group; Team Leader, Beam Dynamics & Diagnostics Team, Automated Operation Technology Team, and BigRIPS Team

Yoshihide HIGURASHI	Team Leader, RILAC Team
Naruhiko SAKAMOTO	Team Leader, Cyclotron Team and High-Gradient Cavity R&D Team
Masanori KIDERA	Team Leader, Infrastructure Management Team
Hideaki OTSU	Team Leader, SAMURAI Team
Hidetada BABA	Team Leader, Data System Team
Hiromi SATO	Team Leader, Detector Team
Hironobu ISHIYAMA	Team Leader, SLOWRI Team
Koji MORIMOTO	Team Leader, Superheavy Element Device Development Team
Toshiyuki SUMIKAMA	Team Leader, Slow RI Data Team
Atsushi YOSHIDA	Team Leader, Industrial Application Research Team
Ken-ichiro YONEDA	Team Leader, RIBF User Liaison Team
Tribble, Robert E.	Director, RIKEN BNL Research Center
Yoshitaka HATTA	Group Leader, Theory Group, RIKEN BNL Research Center
Taku IZUBUCHI	Group Leader, Computing Group, RIKEN BNL Research Center
Motohide YOKOTA	Office of the Center Director
Chiharu SHIMOYAMADA	Director, Nishina Center and iTHEMS Promotion Office

Program Advisory Committee

The Program Advisory Committee reviews experimental proposals submitted by researchers and reports the approval/disapproval of the proposals to the RNC Director. The Committee also reports to the RNC Director the available days of operation at RIBF or the Muon Facility at RAL allocated to researchers. The Committee is divided into three categories according to the research field.

- Nuclear Physics Experiments at RIBF (NP-PAC): academic research in nuclear physics
- Materials and Life Science Researches at RNC (ML-PAC): academic research in materials science and life science
- Industrial Program Advisory Committee (In-PAC): non-academic research

Program Advisory Committee for Nuclear Physics Experiments at RI Beam Factory (NP-PAC)

The 24th NP-PAC was held on December 5–7, 2023 at RIBF

Members (as of March 31, 2024)

Jens DILLING (Chair)	Ork Ridge National Laboratory
Masato ASAI	JAEA
Peter BUTLER	University of Liverpool
Mahananda DASGUPTA	The Australian National University
Magdalena GORSKA	GSI Darmstadt
Stéphane GREVY	Centre d'Etudes Nucléaires de Bordeaux Gradignan
Emiko HIYAMA	RIKEN
Takahiro KAWABATA	Osaka University
Marek LEWITOWICZ	GANIL
Weiping LIU	SUNTech
Masayuki MATSUO	Niigata University
Antonio MORO	Universidad de Sevilla
Thomas PAPENBROCK	University of Tennessee/Oak Ridge National Laboratory
Grigory ROGACHEV	Texas A&M University
Kathrin WIMMER	GSI
Remco ZEGERS	Michigan State University

Program Advisory Committee for Materials and Life Science Researches at RIKEN Nishina Center (ML-PAC)

The 25th ML-PAC was held between December 22, 2023 and January 10, 2024 via e-mail.

Members (as of March 31, 2024)

Zhi QIN (Chair)	Chinese Academy of Sciences
Yoshio KOBAYASHI	The University of Electro-Communications
Hirofumi YAMASE	NIMS
Isao WATANABE	RIKEN
Hajime TANUMA	Tokyo Metropolitan University
Yoshikazu HIRAYAMA	KEK
Yutaka MIYAZAWA	Yamagata University
Yumiko SUTO	National Institute for Quantum Science and Technology

Industrial Program Advisory Committee (In-PAC)

The 21st In-PAC was held on July 7, 2023 via Web meeting.

The 22nd In-PAC was held on January 12, 2024 via Web meeting.

Safety Review Committee

The Safety Review Committee is composed of two sub committees, the Safety Review Committee for Accelerator Experiments and the Hot-Lab Safety Review Committee. These Committees review the safety regarding the usage of radiation generating equipment based on the proposal submitted to the RNC Director from the spokesperson of the approved experiment.

Safety Review Committee for Accelerator Experiments

Members (as of March 31, 2024)

Hiromi SATO (Chair)	Team Leader, Detector Team
Kouji MORIMOTO	Team Leader, Superheavy Element Device Development Team
Takashi NAGATOMO	Senior Technical Scientist, Ion Source Team
Hiromitsu HABA	Director, Nuclear Chemistry Group
Atsushi YOSHIDA	Team Leader, Industrial Application Research Team
Koichi YOSHIDA	Team Leader, BigRIPS Team
Naoki FUKUDA	Technical Scientist, BigRIPS Team
Naruhiko SAKAMOTO	Team Leader, Cyclotron Team
Daisuke SUZUKI	Senior Research Scientist, Radioactive Isotope Physics Laboratory
Masaki SASANO	Senior Research Scientist, Nuclear Dynamics Research Group
Shunji NISHIMURA	Senior Research Scientist, Radioactive Isotope Physics Laboratory

External members

Shinichiro MICHIMASA	Assistant Professor, Center for Nuclear Study, University of Tokyo
Hidetoshi YAMAGUCHI	Lecturer, Center for Nuclear Study, University of Tokyo
Yutaka WATANABE	Associate Professor, High Energy Accelerator Research Organization (KEK)

Ex officio members

Kanenobu TANAKA	Director, Safety Management Group
Hiroki MUKAI	Technical Scientist, Safety Management Group

Hot-Lab Safety Review Committee

Members (as of March 31, 2024)

Tetsuya OHNISHI (Chair)	Director, Instrumentation Development Group
Kanenobu TANAKA	Director, Safety Management Group
Hiroki MUKAI	Technical Scientist, Safety Management Group
Rieko HIGURASHI	Technical Scientist, Safety Management Group
Hiromitsu HABA	Director, Nuclear Chemistry Group

RIBF Machine Time Committee

Upon request of the RNC Director, the RIBF Machine Time Committee deliberates on the machine time schedule of RIBF and reports the results to the Director.

Members (as of March 31, 2024)

Hideki UENO (Chair)	Director, User Liaison Group and Nuclear Structure Research Group
Osamu KAMIGAITO	Director, Accelerator Group
Tetsuya OHNISHI	Director, Instrumentation Development Group
Tomohiro UESAKA	Director, Nuclear Dynamics Research Group
Nobuhisa FUKUNISHI	Director, Research Instruments Group and Deputy Group Director, Accelerator Group
Hiroki OKUNO	Deputy Group Director, Accelerator Group
Shunji NISHIMURA	Senior Research Scientist, Radioactive Isotope Physics Laboratory
Tomoko ABE	Director, Ion Beam Breeding Group
Hiromitsu HABA	Director, Nuclear Chemistry Group
Kanenobu TANAKA	Director, Safety Management Group
Ken-ichiro YONEDA	Team Leader, RIBF User Liaison Team
Kouji MORIMOTO	Team Leader, Superheavy Element Device Development Team

External members

Kentaro YAKO	Associate Professor, Center for Nuclear Study, University of Tokyo
Hidetoshi YAMAGUCHI	Lecturer, Center for Nuclear Study, University of Tokyo
Yutaka WATANABE	Associate Professor, High Energy Accelerator Research Organization (KEK)

Observers

Hiroyoshi SAKURAI	Director, RNC; Director, Radioactive Isotope Physics Laboratory and Nuclear Transmutation Data Research Group;
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Yasuhiro SAKEMI	Team Leader, Muon Date Team
Michiharu WADA	Director, Center for Nuclear Study, University of Tokyo
Hiroari MIYATAKE	Director, Wako Nuclear Science Center, High Energy Accelerator Research Organization, KEK
Kenjiro MIKI	Diamond Fellow, High Energy Accelerator Research Organization (KEK)
	Chair, The RIBF Users Executive Committee (RIBF-UEC); Assistant Professor, Graduate School of Science, Tohoku University
Tohru MOTOBAYASHI	Senior Advisor, RNC
Hideyuki SAKAI	Senior Advisor, RNC
Hideaki OTSU	Team Leader, Fast RI Date Team and SAMURAI Team
Atsushi YOSHIDA	Team Leader, Industrial Application Research Team
Hironobu ISHIYAMA	Team Leader, SLOWRI Team
Chiharu SHIMOYAMADA	Director, Nishina Center and iTHEMS Promotion Office
Ichiro SUZUKI	Manager, Nishina Center and iTHEMS Promotion Office
Hiroyuki ITO	Manager, Nishina Center and iTHEMS Promotion Office

Public Relations Committee

Upon request of the RNC Director, the Public Relations Committee deliberates and coordinates the following matters:

- Creating public relations system for RNC
- Prioritization of the public relations activities for RNC
- Other general and important matters concerning the public relations of RNC

Members (as of March 31, 2024)

Chiharu SHIMOYAMADA (Chair)	Director, Nishina Center and iTHEMS Promotion Office
Osamu KAMIGAITO	Deputy Director, RNC; Director, Accelerator Group
Tomoko ABE	Deputy Director, RNC; Director, Ion Beam Breeding Group
Masahiko IWASAKI	Deputy Director, RNC; Director, Meson Science Laboratory
Tomohiro UESAKA	Director, Nuclear Dynamics Research Group
Hideki UENO	Director, Nuclear Structure Research Group and User Liaison Group
Yuko MOTIZUKI	Director, Astro-Glaciology Research Laboratory
Narumasa MIYAUCHI	Technical Staff I, Outreach Team
Yasushi WATANABE	Special Temporary Research Scientist, Outreach Team
Motohide YOKOTA	Director, Office of the Center Director

RIKEN Accelerator Progress Report Editorial Committee

Upon request of the RNC Director, the RIKEN Accelerator Progress Report Editorial Committee is responsible for editing and publishing the RIKEN Accelerator Progress Report, the official annual report of RNC.

Editors (as of March 31, 2024)

Hiromitsu HABA (Editor-in-chief)	Director, Nuclear Chemistry Group
Daisuke SUZUKI	Research Scientist, Radioactive Isotope Physics Group
Kenichiro TATEISHI	Research Scientist, Nuclear Dynamics Research Group
Masaaki KIMURA	Director, Nuclear Many-body Theory Laboratory
Emiko HIYAMA	Director, Few-body Systems in Physics Laboratory
Toshiyuki SUMIKAMA	Team Leader, Slow RI Data Team
Ralf SEIDL	Senior Research Scientist, RIKEN BNL Research Center
Takumi DOI	Senior Research Scientist, Few-body Systems in Physics Laboratory
Yasuyuki AKIBA	Director, RHIC Physics Research Laboratory
Toru TAMAGAWA	Director, Cosmic Radiation Laboratory
Kazuya TAKAHASHI	Special Temporary Research Scientist, Astro-Glaciology Research Group
Kazutaka OZEKI	Senior Technical Scientist, Nuclear Transmutation Technology Group
Yoshihide HIGURASHI	Team Leader, RILAC Team
Koji MORIMOTO	Team Leader, Superheavy Element Device Development Team
Masamitsu WATANABE	Senior Research Scientist, Instrumentation Development Group
Hiromi SATO	Team Leader, Detector Team
Tokihiro IKEDA	Senior Research Scientist, Research Instruments Group
Hiroki YAMAZAKI	Special Temporary Research Scientist, Nuclear Structure Research Group
Isao WATANABE	Senior Research Scientist, Meson Science Laboratory
Kazuhide TSUNEIZUMI	Senior Research Scientist, Ion Beam Breeding Group
Kanenobu TANAKA	Director, Safety Management Group
Yasushi WATANABE	Special Temporary Research Scientist, User Liaison Group
Noritaka KITAMURA	Center for Nuclear Study, Graduate School of Science, The University of Tokyo

Sodai KIMURA

Wako Nuclear Science Center, KEK (High Energy Accelerator Research Organization)

Observer

Tetsuya OHNISHI

Director, Instrumentation Development Group

RBRC Management Steering Committee (MSC)

RBRC MSC is set up according to the Memorandum of Understanding between RIKEN and BNL concerning the collaboration on the Spin Physics Program at the Relativistic Heavy Ion Collider (RHIC). The 30th MSC was held on October 25, 2023.

Members (as of March 31, 2024)

Minoru YOSHIDA	Executive Director, RIKEN
Hiro Yoshi SAKURAI	Director, RNC
Shoji NAGAMIYA	Senior Visiting Scientist, RNC
Hayan GAO	Associate Laboratory Director for Nuclear and Particle Physics, BNL
Dmitri DENISOV	Deputy Associate Laboratory Director for High Energy Physics, BNL
Lijuan RUAN	STAR Group Leader and Experiment; Co-Spokesperson, STAR, BNL