

RBRC workshop on
“Generalized parton distributions for nucleon
tomography in the EIC era”

Organizers: [Shohini Bhattacharya](#), [Raza Sufian](#),
[Swagato Mukherjee](#), [Adrian Dumitru](#), [Yoshitaka Hatta](#)

RIKEN BNL Research Center, 1997~



Director: Robert Tribble

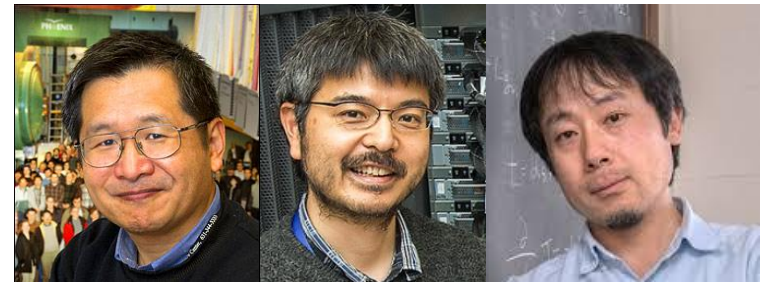
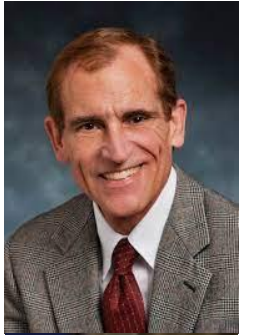
Deputy director: Dave Morrison

Group leaders:

Yasuyuki Akiba (experiment)

Taku Izubuchi (computing)

Yoshitaka Hatta (theory)

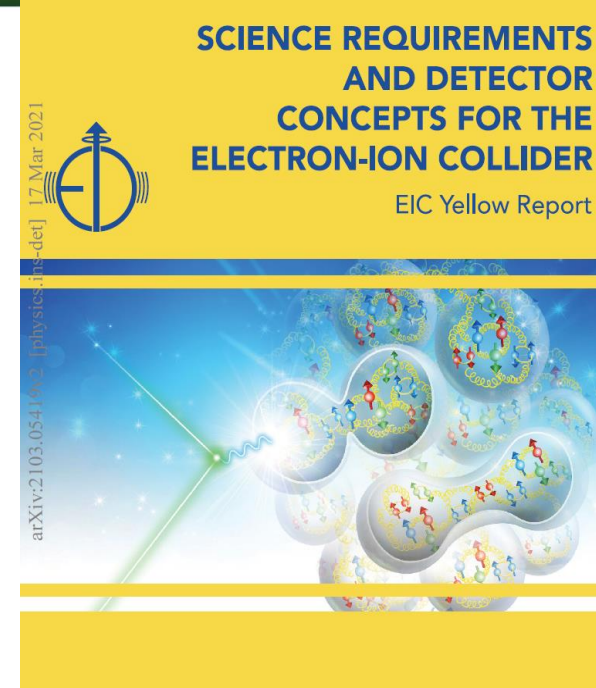
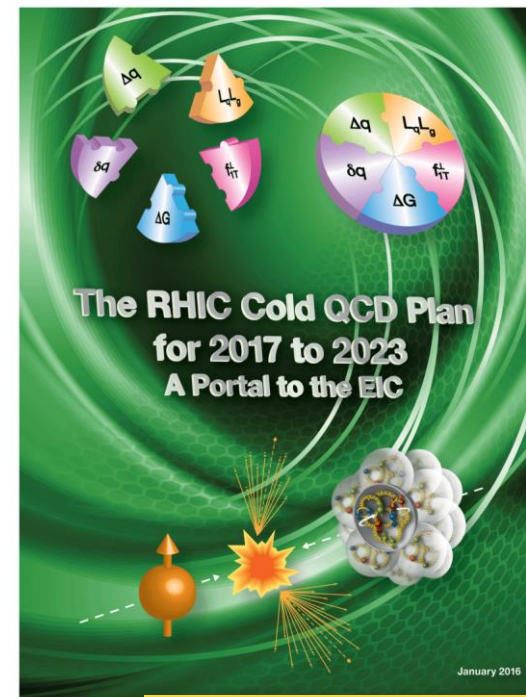


Our mission

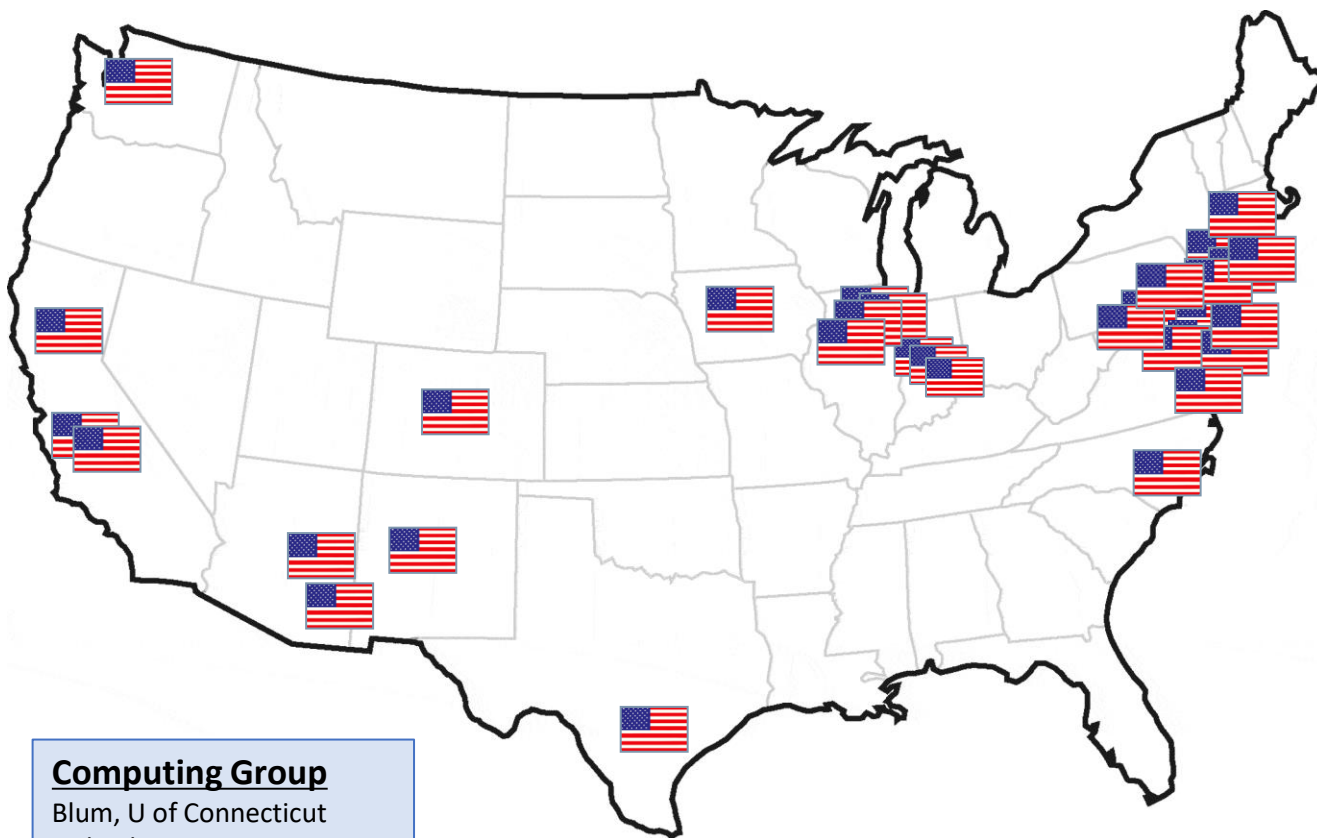
- To maintain strength in high energy nuclear physics where RBRC is among the world leaders.
- To provide theory support and guidance for the experimental programs at BNL:

RHIC (heavy-ion, spin)
sPHENIX (2023~2025+)
Electron-Ion Collider (2030~)

Over the past 25 years, RBRC theory has transformed the landscape of nuclear theory by educating young scientists and helping to establish permanent theorists at prestigious research universities and national labs worldwide.



RBRC Graduates Have Tenured Positions In The U.S.



Computing Group

Blum, U of Connecticut
Izubuchi, BNL
Meinel, U of Arizona
Neil, U of Colorado
Orginos, William & Mary
Petreczky, BNL
Tiburzi, CCNY

**Theory group graduates got
25 tenure positions in the U.S.**

Theory Group

Bass, Duke U
Dumitru, Baruch
Hatta, BNL
Fries, Texas A&M
Zhongbo Kang, UCLA
Kharzeev, BNL/SBU
Kusenko, UCLA
Liao, Indiana U
Lunardini, Arizona State
Mocsy, Pratt
Molnar, Purdue
Pitonyak, Lebanon Valley C
Son, U of Chicago
Schaefer, NCSU
Stasto, Penn State
Stephanov, U of Illinois
Teaney, Stony Brook
Tuchin, Iowa S U
Van Kolck, U of AZ & WA
Venugopalan, BNL
Yee, U of Illinois
Yuan, Berkeley

Shen, Wayne state
Skokov, North Carolina
Mehtar-Tani, BNL

Experimental Group

Bathe, Baruch
Bazilevsky, BNL
Deshpande, Stony Brook U
Fields, U New Mexico
Grosse-Perdekamp, U Illinois
Kawall, Amherst
Xie, Purdue

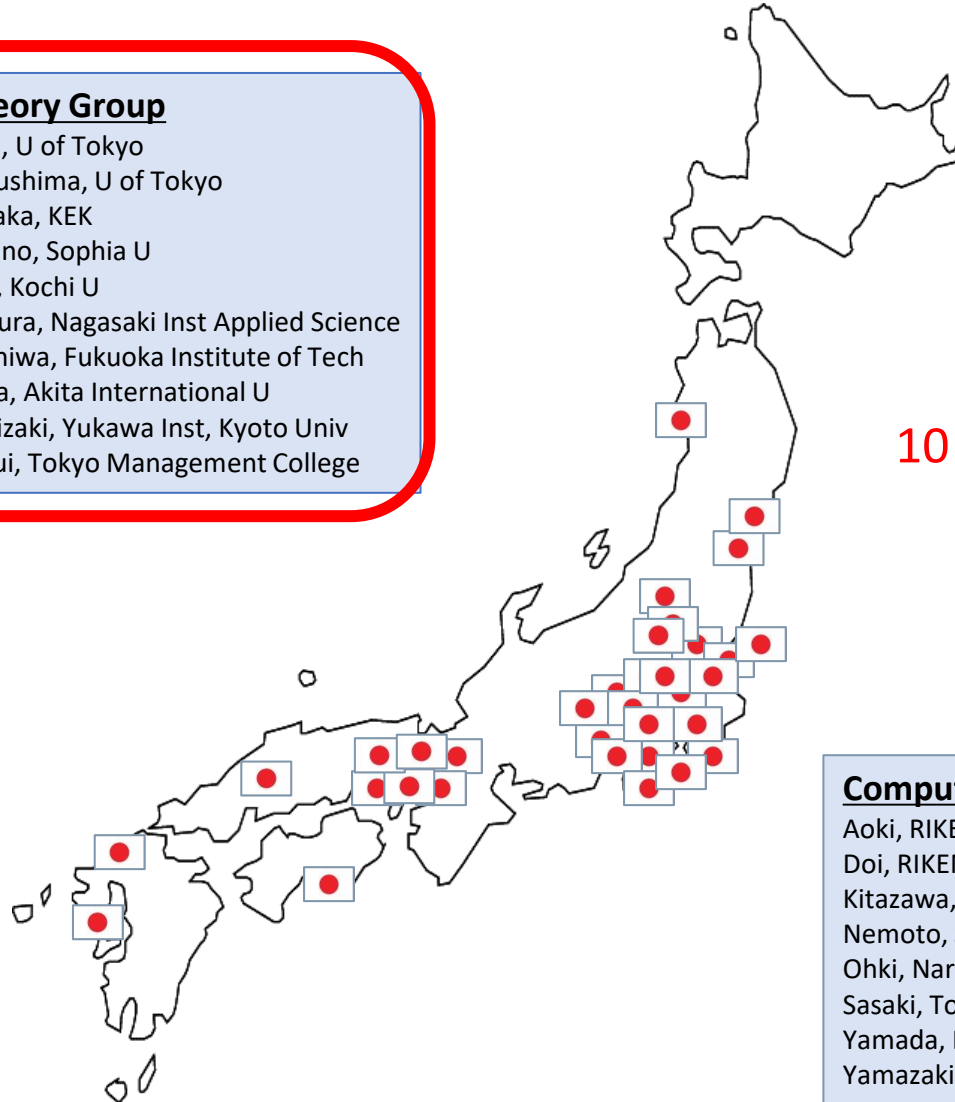
RBRC Graduates Have Tenured Positions In Japan

Experimental Group

Goto, RIKEN
Hachiya, Nara Women's U
Hayashi, JAEA
Jinnouchi, Titech
Kaneta, Tohoku U
Kawabata, Kyoto U
Kurita, Rikkyo U
Mitsuka, KEK
Murata, Rikkyo U
Nakano, Titech
Okada, Spring-8 (JASRI)
Onishi, Tohoku U
Saito, KEK
Seidl, RIKEN
Tanida (JAEA)
Togawa, KEK
Tojo, Kyushu U
Yamaguchi, Hiroshima U
Yokkaichi, RIKEN

Theory Group

Fujii, U of Tokyo
Fukushima, U of Tokyo
Hidaka, KEK
Hirano, Sophia U
Iida, Kochi U
Itakura, Nagasaki Inst Applied Science
Kashiwa, Fukuoka Institute of Tech
Nara, Akita International U
Tanizaki, Yukawa Inst, Kyoto Univ
Yasui, Tokyo Management College



10 tenured positions in Japan

Computing Group

Aoki, RIKEN
Doi, RIKEN
Kitazawa, Osaka U
Nemoto, St. Marianna U
Ohki, Nara Women's U
Sasaki, Tohoku U
Yamada, KEK
Yamazaki, Tsukuba U

RBRC Graduates Have Tenured Positions Worldwide



10 in Europe
1 in Canada
1 in China

Computing Group

Lehner, U of Regensburg
Wettig, U of Regensburg
Wingate, U of Cambridge

Experimental Group

Heuser, GSI

Theory Group

Bodeker, Bielefeld U
Boer, U of Groningen
Bezrukov, Manchester U
Bzdak, AGH U, Krakow
Jeon, McGill U
Lin, Sun Yat-Sen U
Marquet, Ecole Polytechnique
Rischke, U of Frankfurt
Schaffner-Bielich, U of Frankfurt
Stratmann, Tubingen U
Vogelsang, Tubingen U
Wiedemann, CERN

About the workshop:

- GPD is one of the major pillars of the EIC science
- A lot of progress in recent years (theory, pheno, lattice, experiment)
- First RBRC workshop dedicated to GPD physics.
- We managed to gather leading researchers in the world.
- RBRC in the EIC era? A message to RIKEN about our commitment to EIC sciences.
- Many thanks to [Shohini](#), [Raza](#), [Maureen](#), [Keiko](#)!