

Internships and trainings at R-CCS

Conduct cutting-edge research that integrates simulation, big data analysis, and AI through high-performance computing (HPC).



On-site learning

At R-CCS, we accept students from technical colleges, universities, and graduate schools as interns in the Research Teams, Operations and Computer Technologies Division, HPC- and AI- driven Drug Development Platform Division, Quantum-HPC Hybrid Platform Division, and AI for Science Platform Division. We provide them with opportunities to experience and learn at the cutting-edge of research.

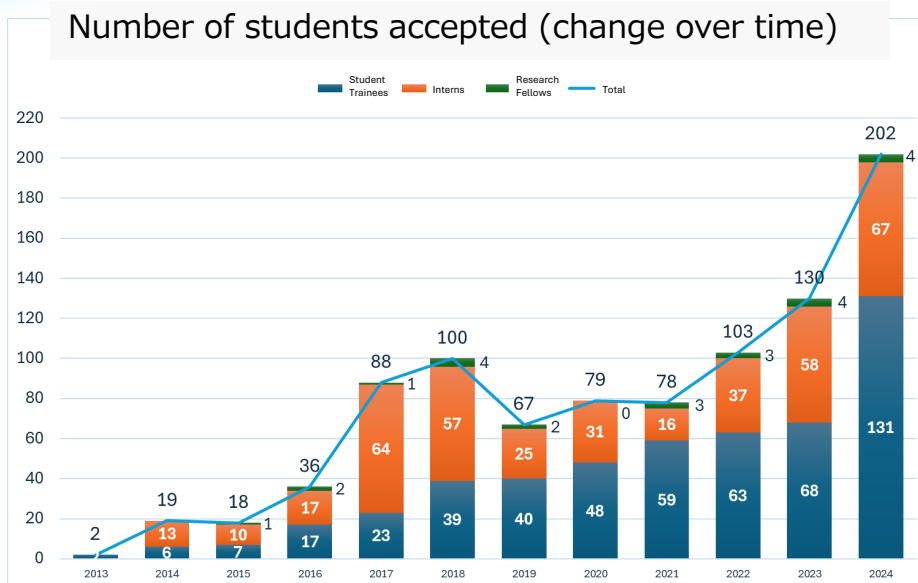
History of acceptance

Domestic internships: since 2014

International internships: since 2017

We accept 50-60 internship participants annually. *See "Internship Participants" below for details.

We also accept interns and student trainees separate from the internship program. Approximately 100 students participate annually.



[Internship Participants]

From Overseas, FY 2014-25

Listed in alphabetical order, program-based internships only.

	Country	Institution	Master	Doctor	Ph.D
1	Argentina	Universidad de Buenos Aires			1
2	Australia	The Australian National University			1
3	Brazil	Federal University of Rio Grande			1
4	Brazil	Federal University of Santa Catarina			1
5	Brazil	Universidade de Lisboa			1
6	Canada	Dalhousie University			1
7	Canada	Toronto University		1	1
8	China	Nanchang Hangkong University		1	
9	China	School of Mechanical and Automotive Engineering South China University of Technology			2
10	China	Sun Yat-sen University		1	1
11	Finland	Tampere University	1		
12	France	CEA			2
13	France	CY Tech / CY Cergy University		1	
14	France	Ecole Normale Supérieure de Lyon		1	
15	France	ENS of Lyon		1	
16	France	ENSEIRB MATMECA		1	
17	France	IMT Atlantique		1	
18	France	Sorbonne University LIP6			1
19	France	Université de Bourgogne		1	
20	France	University of Paris Saclay			4
21	France	University of Western Brittany IUEM		1	
22	Germany	Erlangen National Center for High Performance Computing (NHR@FAU)		1	
23	Germany	Friedrich-Alexander-Universität		2	
24	Germany	Johannes Gutenberg-University Mainz			1
25	Germany	Karlsruhe Institute of Technology		1	
26	Germany	RWTH Aachen University			1
27	Germany	TUD Dresden University of Technology			1
28	Hungary	University of Debrecen			1
29	Hungary	University of Szeged			1
30	India	Birla Institute of Technology and Science Pilani, Hyderabad Campus			1
31	India	HANSRAJ COLLEGE, UNIVERSITY OF DELHI	1		
32	India	Indian Institute of Science and Education Research (IISER), Thiruvananthapuram	1		
33	India	Indian Institute of Science Department of Computational and Data Sciences, Dharwad			1
34	India	Indian Institute of Science Education and Research (IISER) Kolkata		1	
35	India	Indian Institute of Science, Mohali	1	1	
36	India	Indian Institute of Technology Madras			1
37	India	Indian Institute of Technology, Bombay			2
38	India	Mumbai University, Mumbai, Maharashtra, India	1		
39	Ireland	National University of Ireland, Maynooth			1
40	Italy	Politecnico di Milano			1
41	Italy	Scuola Normale Superiore			1
42	Italy	The Abdus Salam International Centre for Theoretical Physics		1	
43	Italy	University of Bologna			2
44	Malaysia	UNIVERSITY OF MALAYA			1
45	Netherlands	Delft University of Technology		1	1
46	Poland	University of Warsaw Faculty of Physics			1
47	Saudi Arabia	King Abdullah University of Science and Technology			1
48	South Korea	Daegu University			1
49	South Korea	Hanyang University			4
50	South Korea	Pukyong National University			2

	Country	Institution	Master	Doctor	Ph.D
51	South Korea	Sejong University			1
52	Spain	Computer Science Polytechnic University of Barcelona (UPC) and the Barcelona Supercomputing Center (BSC)			2
53	Spain	Polytechnic University of Catalonia (UPC)			3
54	Spain	University Carlos III of Madrid			1
55	Sweden	Chalmers University of Technology			1
56	Sweden	KTH Royal Institute of Technology in Stockholm			1
57	Sweden	Lund University			1
58	Switzerland	ETH Zurich	1	1	
59	Switzerland	Swiss Federal Institute of Technology (ETH Zurich)		1	
60	Taiwan	National Central University		1	
61	Taiwan	National Taiwan University		1	1
62	Turkey	Koc University			1
63	USA	Carnegie Mellon University			1
64	USA	Case Western Reserve University			1
65	USA	Clemson University			1
66	USA	College of William and Mary			2
67	USA	Colorado School of Mines		1	
68	USA	Columbia University			1
69	USA	Cornell University Mechanical Engineering,			1
70	USA	Duke University			1
71	USA	Emory University			1
72	USA	Florida State University		3	3
73	USA	Illinois Institute of Technology			1
74	USA	Lehigh University			1
75	USA	Michigan State University			1
76	USA	Michigan State University			1
77	USA	Northeastern University			1
78	USA	Ohio State University			1
79	USA	Stony Brook University			1
80	USA	University of California Berkeley	1		
81	USA	University of Chicago			1
82	USA	University of Florida			1
83	USA	University of Illinois at Urbana-Champaign			1
84	USA	University of Iowa			2
85	USA	University of Maryland, College Park			1
86	USA	University of Notre Dame			1
87	USA	University of Tennessee			2
88	USA	University of Texas San Antonio			1
89	USA	Washington State University Vancouver		1	

In the internship program, participants are assigned to an R-CCS team/unit for a period of 2 weeks to 3 months and engage in research based on their internship plan.

During the internship, participants also have opportunities to attend R-CCS-related symposiums, present their research, and interact with fellow interns as well as researchers from other teams.

Voices from the internship program

From interviews with former interns

Ana V. Solórzano & Francesco Antici

How has the internship at RIKEN R-CCS impacted your academic growth and career development?

Francesco: The internship was really helpful for me, as it allowed me to get in touch with exceptional researchers, learn from them and ultimately grow as a researcher (and person) myself. I valued my experience there and I think it was a fundamental step for this early stage of my academic career.

Ana: My internship at RIKEN R-CCS surpassed my expectations. I received constant guidance and feedback on my research, learned how to communicate my results more clearly, and had fast access to all the resources and information I needed to conduct my research. Seeing Fugaku in person was a highlight, one of the fastest supercomputers in the world driving research that impacts Japan and the world. The RIKEN community is very welcoming and always eager to share knowledge. It was easy to feel part of the team, even as an international student experiencing Japan for the first time. The workshops, discussions, and social events created an environment where I could learn, grow, and make new connections. I left RIKEN with not just new skills and research insights, but also great memories!

What kind of relationship do you currently have with RIKEN after completing your internship?

Francesco: After my internship I continued collaborating with RIKEN as a remote student trainee. Currently, after obtaining my Ph.D., I work as a postdoc at RIKEN.

Ana: I continue to collaborate with Dr. Kento Sato and [the Operations and Computer Technologies Division](#) on research about the usage and energy efficiency of the Fugaku supercomputer. The learnings I acquired in person at the internship were essential to keep building on this work.

Francesco Antici, a Postdoctoral Researcher at [Supercomputing Performance Research Team](#) at R-CCS and a former intern in the 2023 and 2024 R-CCS internship program.

Ana V. Solórzano, a Student Trainee at [High Performance Big Data Research Team](#) at R-CCS and a former intern in the 2024 R-CCS internship program, has been selected to receive [the 2025 ACM-IEEE CS George Michael Memorial HPC Fellowships](#).



We are looking forward to meeting you at R-CCS!