

# Open Calls from Japanese HPCI

## 1. Urgent Call for Fighting against COVID-19

There is an urgent need for a wide range of research in areas of bioinformatics, drug discovery and epidemiology to fight against COVID-19. Contribution of supercomputers with high-speed computing capability and massive amount of computational capacity is expected.

In cooperation with the associating universities and research institutions, HPCI has started an urgent international call for proposals which needs supercomputer resources for COVID-19 research.

(Overview of the call)

- Available resource: See the appendix table (\*Note\* Fugaku is not included).
- Duration: Up to six months until the end of March 2021
- Usage charge: None
- Proposal Submission: Call issued on April 15, 2020 and is open until further notice.

For more information, visit the following pages.

[https://www.hpci-office.jp/pages/e\\_hpci\\_covid19](https://www.hpci-office.jp/pages/e_hpci_covid19)

## 2. Call for Proposals for Fugaku Preliminary Use Projects in FY 2020

The Call for “Startup Preparation Projects” using Fugaku, the world’s fastest supercomputer, in the trial phase before its full operation scheduled in the Fiscal Year 2021 is open to international researchers. The purposes of this call are to help future Fugaku projects smoothly start up and create results, and to accelerate software verification, tuning, and other related operation.

(Overview of the call)

- Available resource: RIKEN R-CCS Supercomputer Fugaku.
- Duration: Up to six months until the end of March 2021
- Usage charge: None
- Proposal Submission: Call will open at beginning of October 2020 (scheduled) and be open until further notice.

For more information, visit the following pages.

[https://www.hpci-office.jp/pages/e\\_fugaku\\_prelim](https://www.hpci-office.jp/pages/e_fugaku_prelim)

## 3. Call for proposals for research projects using the HPCI System in FY2021

The shared use of the supercomputer Fugaku is scheduled to start in Japanese Fiscal Year 2021. This call is targeted towards projects promising to yield achievements using the computational resources of the HPCI system as well as the flagship system Fugaku in FY 2021.

For more information, visit the following pages.

[https://www.hpci-office.jp/pages/e\\_r03\\_boshu](https://www.hpci-office.jp/pages/e_r03_boshu)

## (Appendix)

Available HPCI resources for the “Urgent Call for Fighting against COVID-19”

Provider name	Available resource name	Applicable Resources	Availability
Information Initiative Center, Hokkaido University	Supercomputer Grand Chariot	35,000 NH	Available until Mar. 20, 2021
	Supercomputer Polaire	70,000 NH	
Cyberscience Center, Tohoku University	Supercomputer SX-ACE	69,000 NH	Available until July 2020
	Parallel Computer LX406Re-2	3,500 NH	
Center for Computational Sciences, University of Tsukuba	Cygnus	50,000NH	Available
Joint Center for Advanced High Performance Computing (JCAHPC)	Oakforest-PACS	350,000NH	Available
Information Technology Center, The University of Tokyo	Oakbridge-CX	172,800NH	Available
Global Scientific Information and Computing Center, Tokyo Institute of Technology	Cloudy, Big-Data and Green Supercomputer “TSUBAME3.0”	18,000NH	Available until Dec. 2020
Information Technology Center, Nagoya University	Flow Type I Subsystem (FX1000)	50,000 NH	Available from July 2020
Academic Center for Computing and Media Studies, Kyoto University	Supercomputer Cray XC40	32,000 NH	Available
Cybermedia Center, Osaka University	Super computer SX-ACE	125,100 NH	Available until Sep. 2020
	PC Cluster for large scale visualization	70,000 NH	Available from July 2020
Research Institute for Information Technology, Kyushu University	ITO Subsystem A <Dedicated>	144,000 NH	Available from May 2020
	ITO Subsystem B <Dedicated>	9,216 NH	
	Frontend <Dedicated>	96 NM	
Center for Earth Information Science and Technology, Japan Agency for Marine-Earth Science and Technology	Earth Simulator SX-ACE	63,000 NH	Available until Dec. 2020
National Institute of Advanced Industrial Science and Technology (AIST)	ABCI (AI Bridging Cloud Infrastructure)	30,000 NH	Available