

World Premier International Research Center Initiative (WPI)

List of Principal Investigators

- If the number of principal investigators exceeds 10, add columns as appropriate.
- Place an asterisk(*) by the name of the investigators who are considered to be ranked among the world's top researchers.
- Give age as of 1 April 2021.
- For investigators who cannot participate in the center project from its beginning, indicate the time that their participation will start in the "Notes" column.
- If there are changes from the PI list in the first screening application documents, describe the points changed and reasons in the "Notes" column.
- Include principal investigators affiliated with satellite institutions. Give the name of their satellite institutions in the "Notes" column.
- Fill in the achievements of each PI in the "Biographical Sketch of Principal Investigators."

	Name	Age	Current affiliation (Department/ School/Institution)·Title	Specialization	Effort * (%)	Notes
1	Masashi Hazumi *	56	Professor/Institute of Particle and Nuclear Studies (IPNS)/High Energy Accelerator Research Organization (KEK)	Experimental Cosmology, High Energy Physics	80	Center Director, conducting LiteBIRD R&D
2	Manabu Togawa	42	Associate Professor/Institute of Particle and Nuclear Studies (IPNS)/High Energy Accelerator Research Organization (KEK)	High Energy Physics	70	Super-radiation-hard semiconductor detectors
3	Masaya Hasegawa *	42	Lecturer/Institute of Particle and Nuclear Studies (IPNS)/High Energy Accelerator Research Organization (KEK)	Experimental Cosmology	70	LiteBIRD satellite verification tests, superconducting detector system verification technology
4	Masaya Miyahara *	40	Associate Professor/Institute of Particle and Nuclear Studies (IPNS)/High Energy Accelerator Research Organization (KEK)	Manufacturing Technology, Electronic Devices, Electronic Equipment	70	ASIC R&D
5	Nanae Taniguchi	41	Assistant Professor/Institute of Particle and Nuclear Studies (IPNS)/High Energy Accelerator Research Organization (KEK)	High Energy Physics	70	Gaseous detectors and readout
6	Adrian T. Lee *	56	Professor/Department of Physics/University of California Berkeley	Experimental Cosmology	50	Berkeley satellite office, superconducting detectors
7	Daniela Bortoletto *	62	Professor/Department of Physics/University of Oxford	High Energy Physics	20	Sumiconductor detectors
8	Maurice Garcia-Sciveres *	54	Senior Scientist/Lawrence Berkeley National Laboratory	High Energy Physics	20	Berkeley satellite office, electronics
9	Kaori Hattori	39	Senior Researcher/Research Institute for Physical Measurement/The National Institute of Advanced Industrial Science and Technology (AIST)	Electronic Devices, Electronic Equipment	40	Superconducting detectors
10	Noriko Y. Yamasaki *	54	Professor/Institute of Space and Astronautical Science (ISAS)/Japan Aerospace Exploration Agency (JAXA)	Astrophysics	20	ISAS/JAXA satellite office, Superconducting detectors, member of Science Council of Japan
11	Kazunori Nakayama	38	Assistant Professor/Faculty of Science/The University of Tokyo	Particle Physics Theory, Particle Cosmology	30	New methods to search for new quantum fields
12	Hideo Iizuka	48	Senior Fellow/Beyond X Research Division/Toyota Central R&D Labs	Wave Engineering	40	Toyota central R&D labs satellite office, Industrial applications
13	Yu Nakahama *	39	Associate Professor/Kobayashi-Maskawa Institute for the Origin of Particles and the Universe/Nagoya University	High Energy Physics	20	Data analysis, winner of Toshiko Yuasa Prize and Fumiko Yonezawa Prize

* Percentage of time that the principal investigator will devote to working for the center vis-à-vis his/her total working hours. (Activities carried out using competitive funding can be included as effort as long as they correspond to the purpose of the WPI center and are conducted for the center.)