

VI Research Collaboration

1. Open Use

Type	Project/Center	Category	Number of Accepted Proposals	Total Number of Researchers	Notes
Open Use at Project/Center	Okayama Astrophysical Observatory	188-cm Reflector Telescope (Project Program)	2	33(0)	2 Institutes
		188-cm Reflector Telescope (Normal Program)	26	202(25)	12 Institutes, 6 Countries
		188-cm Reflector Telescope (Student Program)	0		
		188-cm Reflector Telescope (Miscellaneous Program)	1	6(0)	1 Institute
		188-cm Reflector Telescope (ToO Program)	1	10(0)	2 Institutes
	Subaru Telescope		79	271(61)	53 Institutes, 8 Countries
	Solar Observatory	Ground-based Solar Observatory	*	*	*
		Solar Observing satellite “Hinode”	77	77(31)	31 Institutes, 11 Countries
	Nobeyama Radio Observatory	45-m telescope (Regular Program)	26	204(88)	48 Institutes, 13 Countries
		45-m telescope (Short Program)	9	43(1)	16 Institutes, 1 Country
		45-m telescope (Large Program)	1	158(143)	70 Institutes, 16 Countries
		45-m telescope (Back-up Program)	1	12(1)	1 Institute, 1 Country
		45-m telescope (Guaranteed Time Observations)	2	11(0)	5 Institutes
		45-m telescope (Director’s Discretionary Time)	0		
	Mizusawa VLBI Observatory	VERA	23	135(70)	28 Institutes, 14 Countries
	Astronomy Data Center		369	369 (24 at foreign institutes)	20 Institutes, 13 Countries
	Center for Computational Astrophysics		270	270	59 Institutes, 10 Countries
	Advanced Technology Center	Facility Use	31	140(3)	57 Institutes, 1 Country
		Joint Research and Development	15	87(3)	34 Institutes, 1 Country
	NAOJ Chile Observatory	ALMA (Cycle 4)	475	4,857 (4,257)	397 Institutes, 42 Countries
ASTE		20	149(23)	24 Institutes, 5 Countries	
Joint Development Research		10		9 Institutes	
Research Assembly		17		6 Institutes	
NAOJ Symposium		0			

The number of foreign researchers shown in brackets () is included in the total.

Notes show the number of institutes and foreign countries represented by the proposal PI’s. The country count does not include Japan.

The period of ALMA (Cycle 4) is September, 2017 from October, 2016.

* The observation data is open to the public on the web. No application is needed to use the data.

2. Commissioned Research Fellows

Visiting Scholars (Domestic)

Period: April 1, 2017 – March 31, 2018

Name	Position at NAOJ	Affiliated Institute	Host Project/Center/Division
Kuno, Nario	Visiting Professor	University of Tsukuba	Nobeyama Radio Observatory
Otsubo, Toshimichi	Visiting Professor	Hitotsubashi University	RISE Project
Niinuma, Koutaro	Visiting Associate Professor	Yamaguchi University	Mizusawa VLBI Observatory
Sagawa, Hideo	Visiting Associate Professor	Kyoto Sangyo University	NAOJ Chile Observatory
Sekine, Yasuhito	Visiting Associate Professor	The University of Tokyo	RISE Project
Shima, Tatsushi	Visiting Associate Professor	Osaka University	Division of Theoretical Astronomy
Yanagisawa, Toshifumi	Visiting Associate Professor	Japan Aerospace Exploration Agency	Center for Computational Astrophysics
Nakagawa, Akiharu	Visiting Research Fellow	Kagoshima University	Mizusawa VLBI Observatory

JSPS (Japan Society for the Promotion of Science) Postdoctoral Research Fellows

Name	Research Subject	Acceptance Period	Host Researcher
Arimatsu, Kou	Exploring the outer solar system by stellar occultations observed with wide-field high-speed cameras	2015.4.1~2018.3.31	Watanabe, Jun-ichi
Shirasaki, Masato	Probing Cosmic Dark Matter and Dark Energy with Higher-Order Statistics of Weak Gravitational Lensing	2015.4.1~2017.8.31	Hamana, Takashi
Shinnaka, Yoshiharu	Physicochemistry of the early solar nebula: Thermal history of cometary dust and isotopic fractionation of cometary volatile	2015.4.1~2018.3.31	Watanabe, Jun-ichi
Yamauchi, Aya	Research in the structure of a distant region of our galaxy using a new distance measurement method with VERA	2015.4.1~2018.3.31	Honma, Mareki
Ichikawa, Kohei	Revealing the coevolution of black holes and galaxies through the newly discovered population of AGN	2016.4.1~2018.3.31	Imanishi, Masatoshi
Shibagaki, Shota	Revealing origin of r-process elements with astrophysical simulations	2017.4.1~2018.3.31	Kajino, Toshitaka
Suzuki, Tomoko	Galaxy anatomy before the peak epoch of galaxy formation: investigation of internal physical processes and their environmental dependence	2017.4.1~2018.3.31	Kashikawa, Nobunari
Tadaki, Kenichi	Revealing evolutionary pathways from disk- to elliptical galaxies with ALMA	2017.4.1~2020.3.31	Iono, Daisuke
Kawamuro, Taiki	Constraints on Supermassive Black Hole Growth Rates with Observations at Submm/mm Wavelengths, and Investigation of the Growth History	2017.4.1~2020.3.31	Imanishi, Masatoshi

JSPS (Japan Society for the Promotion of Science) Foreign Research Fellows

Name	Period	Host Researcher
Cataldi, Gianni	2016/11/21 ~ 2018/11/20	Ohashi, Nagayoshi
Wu, Benjamin	2016/9/27 ~ 2017/9/26	Nakamura, Fumitaka
Pattle, Katherine Miranda	2017/8/21 ~ 2017/10/20	Hasegawa, Tetsuo
Lopez Rodriguez, Enrique	2018/3/19 ~ 2018/4/18	Kashikawa, Nobunari