

VI Research Collaboration

1. Open Use

Type	Project/Center	Category	Number of Accepted Proposal	Total Number of Researcher	Note	
Open Use at Project/Center	Okayama Astrophysical Observatory	188-cm Reflector Telescope (Project Program)	2	31 (0)	2 Institutes	
		188-cm Reflector Telescope (Normal Program)	30	184 (10)	16 Institutes, 5 Countries	
		188-cm Reflector Telescope (Student Program)	0	0 (0)	0 Institute	
		188-cm Reflector Telescope (Miscellaneous Program)	2	2 (0)	1 Institute	
		188-cm Reflector Telescope (ToO Program)	2	3 (0)	2 Institutes	
	Subaru Telescope		72	308 (43)	57 Institutes, 11 Countries	
	Solar Observatory		*	*	*	
	Nobeyama Radio Observatory	45-m Telescope (Regular Program)		23	173 (55)	48 Institutes, 11 Countries
		45-m Telescope (Short Program)		12	58 (7)	18 Institutes, 5 Countries
		45-m Telescope (Back-up Program)		1	11 (3)	5 Institutes, 2 Countries
		45-m Telescope (Large Program)		0		
		45-m Telescope (Director's Discretionary Time)		2	62 (42)	21 Institutes, 7 Countries
	Mizusawa VLBI Observatory	VERA		18	109 (68)	32 Institutes, 15 Countries
	Astronomy Data Center			364	364 (55 at foreign institutes)	34 Institutes, 17 Countries
	Center for Computational Astrophysics			225	225	50 Institutes, 11 Countries
	Hinode Science Center			94	94 (36)	39 Institutes, 11 Countries
	Advanced Technology Center	Facility Use		24	93	36 Institutes
		Joint Research and Development		10	59	21 Institutes
	NAOJ Chile Observatory	ALMA (Cycle3)		402	4,064 (3,517)	310 Institutes, 38 Countries
		ASTE		7	42 (2)	12 Institutes, 2 Countries
	Nobeyama Radio Observatory/NAOJ Chile Observatory	45-m/ASTE Joint program		4	39 (8)	15 Institutes, 2 Countries
	Joint Development Research			9		7 Institutes
	Joint Research			2		2 Institutes
Research Assembly			20		12 Institutes	
NAOJ Symposium			1		1 Institute	

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 PIs. The country count does not include Japan.

The period of ALMA (Cycle3) is September, 2016 from October, 2015.

* 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, 2016 – March 31, 2017

Name	Position at NAOJ	Affiliated Institute	Host Project/Center/Division
Uzawa, Yoshinori	Visiting Professor	Terahertz Technology Research Center, NICT	NAOJ Chile Observatory
Otsubo, Toshimichi	Visiting Professor	Hitotsubashi University	RISE Project
Onishi, Toshikazu	Visiting Professor	Osaka Prefecture University	NAOJ Chile Observatory
Oka, Tomoharu	Visiting Professor	Keio University	NAOJ Chile Observatory
Nagao, Toru	Visiting Professor	Ehime University	TMT-J Project Office
Hayashi, Yoshiyuki	Visiting Professor	Kobe University	Center for Computational Astrophysics
Momose, Munetake	Visiting Professor	Ibaraki University	NAOJ Chile Observatory
Oshima, Akitoshi	Visiting Associate Professor	Chubu University	Center for Computational Astrophysics
Kobayashi, Kaori	Visiting Associate Professor	Toyama University	NAOJ Chile Observatory
Komugi, Shinya	Visiting Associate Professor	Kogakuin University	NAOJ Chile Observatory
Sagawa, Hideo	Visiting Associate Professor	Kyoto Sangyo University	NAOJ Chile Observatory
Sekine, Yasuhito	Visiting Associate Professor	The University of Tokyo	RISE Project
Sorai, Kazuo	Visiting Associate Professor	Hokkaido University	Nobeyama Radio Observatory
Niinuma, Koutaro	Visiting Associate Professor	Yamaguchi University	Mizusawa VLBI Observatory
Hirata, Naru	Visiting Associate Professor	The University of Aizu	RISE Project
Kurayama, Tomoharu	Visiting Research Fellow	Teikyo University of Science	Mizusawa VLBI Observatory
Sakai, Takeshi	Visiting Research Fellow	The University of Electro-Communications	NAOJ Chile Observatory
Hayama, Kazuhiro	Visiting Research Fellow	Institute for Cosmic Ray Research, The University of Tokyo	Gravitational Wave Project Office
Baba, Yukie	Visiting Research Fellow	Ochanomizu University	Mizusawa VLBI Observatory

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

Name	Research Subject	Host Researcher
Arimatsu, Kou	Exploring the outer Solar System by stellar occultations observed with wide-field high-speed cameras	Watanabe, Jun-ichi
Uchiyama, Mizuho	Studying stellar evolution of forming massive young stellar objects with the mid-infrared variability observations	Yamashita, Takuya
Shouda, Ayaka	Development of the multi-messenger observation system for a gravitational-wave detector	Flaminio, Raffaele
Shirasaki, Masato	Probing Cosmic Dark Matter and Dark Energy with Higher-Order Statistics of Weak Gravitational Lensing	Hamana, Takashi
Shinnaka, Yoshiharu	Physicochemistry of the early solar nebula: Thermal history of cometary dust and isotopic fractionation of cometary volatiles	Watanabe, Jun-ichi
Yamauchi, Aya	Research in the structure of a distant region of our galaxy using a new distance measurement method with VERA	Honma, Mareki
Ichikawa, Kohei	Revealing the coevolution of black holes and galaxies through the newly discovered population of AGN	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