

2021 Internship Items to be assigned

No.	Dept. in charge	Filed centers *	Theme	Student capacity	Prerequisite conditions				Training days	Training period		Program Overview	Other information you should know
					School	Major	Academic year	Others		Start date	End date		
E-1	ISAS , Department of Space Astronomy and Astrophysic	Sagamiha ra campus	Trial on developments of a telescope for cosmic microwave background polarization	5	university	Science or engineering	undergrad uate	open to international students	10 days	06/08/20 21	27/08/20 21	Learn the basics for observing cosmic microwave background polarization. Do experiments with millimeter wave instruments. Read textbooks on cosmology and optics.	The schedule is adjustable. The basics of electromagnetism are required.
E-2	ISAS , Department of Space Astronomy and Astrophysic	Sagamihar a		5	university	Science or engineering	undergrad uate	not required	10 days	06/08/20 21	27/08/20 21	Learn the basics for observing cosmic microwave background polarization. Measure the response of "transition-edge sensors" in a cryostat.	The schedule is adjustable. The basic knowledge of electromagnetism and programming is required.
E-3	ISAS, Department of Astrophysics	Sagamihar a	Rsearch and Development of the informaiton system to effectively access sciece satellite data archive	2	Undergraduate or graduate	N/A	junior or higher	Basoce knowledge of Unix (Linux) and programmin g	10 days	09/08/20 21	20/08/20 21	Improve the web-application system to access JAXA' s scinece data archive and to maximze scientific outputs	Knowledge of Java, pythokn perl SQL desirable. The improved system may be released from JAXA to public.