

Research Subjects

SPring-8 Research Proposals		
Research Term		2020A ^{*1}
		2020.04–2021.03
Public Beamlines	Submitted Proposals	1,460
	Approved Proposals	1,044
	Conducted Proposals ^{*2}	984
	Proprietary Proposals	88
	Time-Designated Proposals	17
	Measurement Services	65
	Total Number of User Visits	5,906
Contract Beamlines	Conducted Proposals	337
	Proprietary Proposals	42
	Total Number of User Visits	3,265

SACLA Research Proposals		
Research Term		2020A ^{*1}
		2020.04–2021.03
BL1	Submitted Proposals	15
	Approved Proposals	10
	Conducted Proposals ^{*2}	10
	Proprietary Proposals	0
	Time-Designated Proposals	0
BL2/BL3	Submitted Proposals	96
	Approved Proposals	54
	Conducted Proposals	44
	Proprietary Proposals	0
	Time-Designated Proposals	0
Number of User Visits		461

^{*1} Because of the COVID-19 pandemic, the following measures were taken in FY2020.

- The 2020A term was extended to March 2021. Beamtimes allocated in 2020A, which were postponed owing to the COVID-19 pandemic, were rescheduled to dates starting in October 2020.
- There was no proposal call for the 2020B term, but unallocated beamtime after October 2020 was available for additional calls of the extended 2020A term.
- 2020A beamtimes could not be further postponed to the period after April 2021. Research proposals that could not be carried out before the end of March 2021 were cancelled.

^{*2} Includes proposals approved before FY2020.

FY2020 SPring-8 Partner Users				
	Beamline	Partner User		Proposal Title
1	BL47XU	Name	Eiji Ikenaga	Advancement of ambient pressure solution cell development and observation of liquid electronic state, for elucidation of solid-liquid interface phenomena
		Affiliation	Nagoya University	
		Term	FY2019–FY2021	
2	BL02B2	Name	Chikako Moriyoshi	High-energy X-ray multi-purpose one-dimensional diffraction for the materials science research under external fields
		Affiliation	Hiroshima University	
		Term	FY2019–FY2021	
3	BL04B1	Name	Yoshio Kono	Advancement of science for understanding dynamics of the Earth's deep interior utilizing large-volume press
		Affiliation	Ehime University	
		Term	FY2019–FY2021	
4	BL02B1	Name	Hiroshi Sawa	Study of orbital physics by precise electron density analysis including operand measurements
		Affiliation	Nagoya University	
		Term	FY2019–FY2021	
5	BL09XU	Name	Kojiro Mimura	Construction of composite measurement technology of resonant hard x-ray photoemission and resonant x-ray emission spectroscopies, for elucidating quantum critical phenomena of strongly correlated electron system
		Affiliation	Osaka Prefecture University	
		Term	FY2017–FY2020	
6	BL10XU	Name	Kei Hirose	Novel development of high-pressure and high-temperature diamond-anvil cell experiments
		Affiliation	Tokyo Institute of Technology	
		Term	FY2017–FY2020	

Partner users are (1) those who have a thorough knowledge of public beamlines and measurement techniques and (2) those who are expected to contribute to developing academic fields of SR science and technology. The mission of PU is to (a) aim to produce leading-edge SR usage and high-quality research results and promote expansion of intended research field using developed/upgraded beamline facility, (b) collaborate for beamline facility development/upgrade, and (c) provide user support relating to (a) and (b).

Number of Conducted Research Proposals (past 10 years)								
Fiscal Year	SPring-8				SACLA			
	Private Sector	University	Public Institute	Foreign	Private Sector	University	Public Institute	Foreign
2011	508	1,058	365	167				
2012	483	1,001	371	152	2	24	14	12
2013	426	914	326	138	2	23	18	11
2014	471	1,113	345	176	2	23	20	12
2015	400	1,106	304	142	0	26	21	21
2016	423	1,142	330	161	6	33	20	18
2017	449	1,285	349	173	6	30	25	32
2018	461	1,216	379	205	8	36	27	41
2019	458	1,154	350	239	6	36	17	53
2020	303	713	232	73	2	23	16	13

Total Number of User Visits (past 10 years)		
Fiscal Year	SPring-8	SACLA
2011	14,758	
2012	15,249	758
2013	13,381	678
2014	16,178	830
2015	15,281	1,079
2016	16,113	1,188
2017	17,607	1,219
2018	17,011	1,296
2019	15,970	1,214
2020	9,171	461

SPring-8 Center Promotion Office, RIKEN