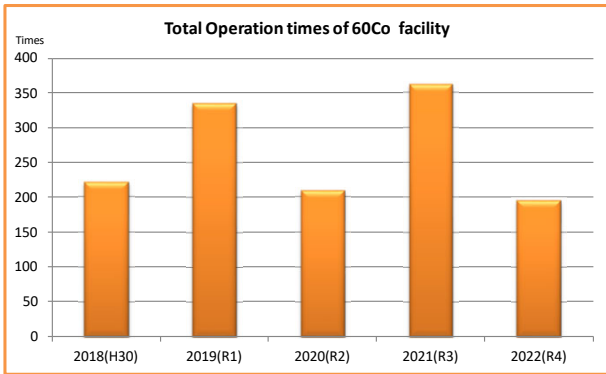


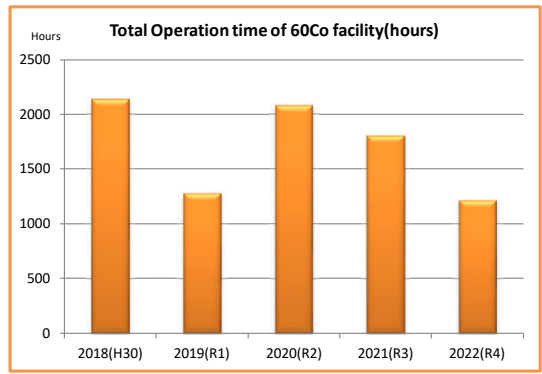
Progress in Past 5 years

Operation of Cobalt60

Year	2018(H30)	2019(R1)	2020(R2)	2021(R3)	2022(R4)
Total Times	221	335	209	362	195

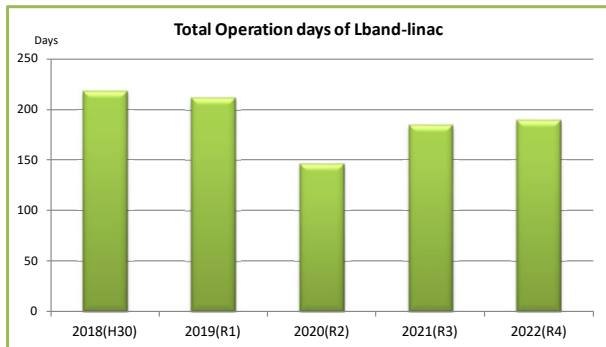


Year	2018(H30)	2019(R1)	2020(R2)	2021(R3)	2022(R4)
Total Hours	2133	1273	2078	1804	1213

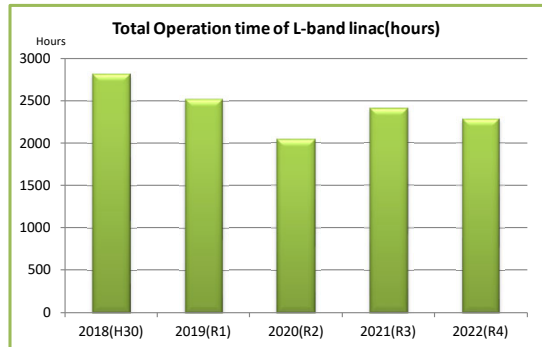


Operation of L-band electron Linac(Except maintenance use)

Year	2018(H30)	2019(R1)	2020(R2)	2021(R3)	2022(R4)
Total Days	218	212	146	184	189

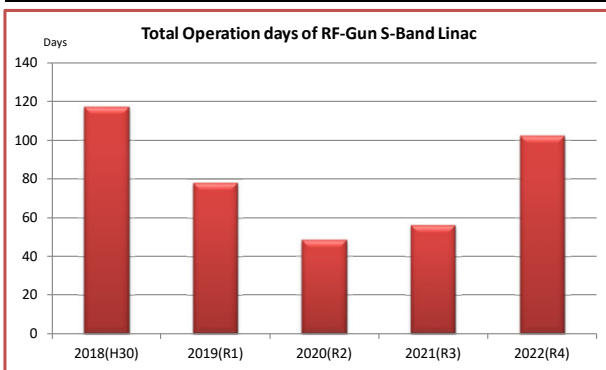


Year	2018(H30)	2019(R1)	2020(R2)	2021(R3)	2022(R4)
Total Hours	2820	2527	2040	2403	2284

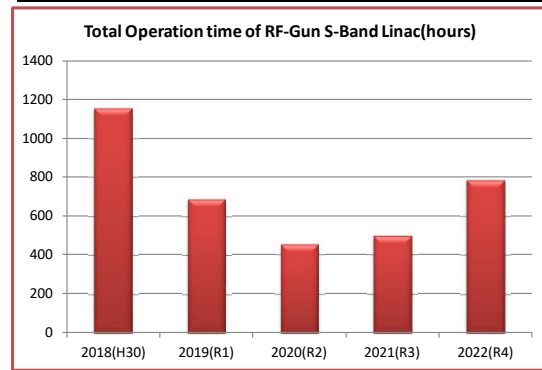


Operation of Laser Photocathode RF-Gun S-Band Linac

Year	2018(H30)	2019(R1)	2020(R2)	2021(R3)	2022(R4)
Total Days	117	78	48	56	102

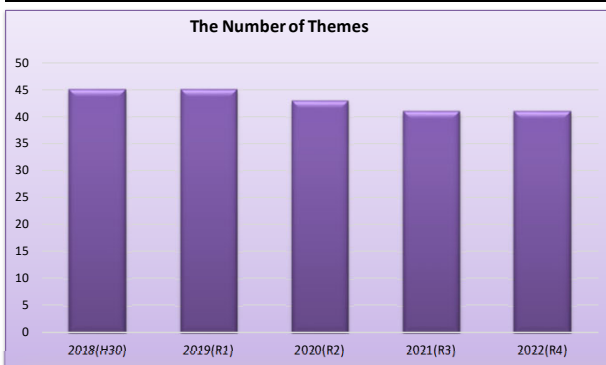


Year	2018(H30)	2019(R1)	2020(R2)	2021(R3)	2022(R4)
Total Hours	1152	686	451	494	783

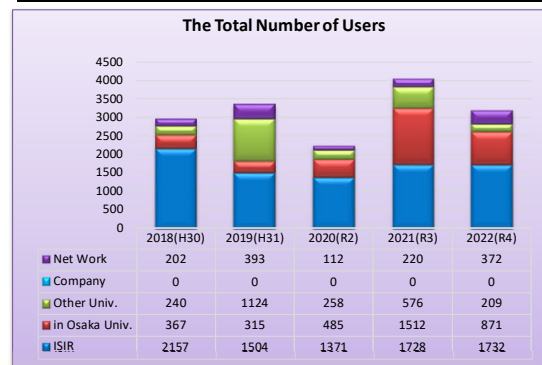


All Machines

Year	2018(H30)	2019(R1)	2020(R2)	2021(R3)	2022(R4)
Total Themes	45	45	43	41	41



Year	2017(H29)	2018(H30)	2019(R1)	2020(R2)	2021(R3)
Total Numbers	2966	3336	2226	4036	3184



****2022 Joint User Groups ****

<In Osaka University>

Graduate school of Engineering / Graduate School of Engineering Science / Graduate School of Science /
Graduate school of Medicine / Institute of Laser Engineering / Institute for Protein Research / SANKEN

<Other Institutions>

Gunma Univ. / Fukui Univ. / kobe Univ. / Mie Univ. / Chubu Univ. / Ritsumeikan Univ. / Saitama Univ.
Kindai Univ. / Aoyama gakuin Univ. / Kyushu Univ. / University of Hyogo / Kyoto Univ. / Shizuoka Univ.
Daikin Joint Study Team / Nippon Shokubai Joint Study Team / JAXA / Other 3 Overseas

**** 2022 Network Joint Research for Materials and Devices ****

Kobe Univ. / Gunma Univ. / Saitama Univ. / Kyoto Univ. / Kindai Univ. / Shizuoka Univ. / Ritsumeikan Univ.
Japan Atomic Energy Agency / QST / KEK / Other 2 Overseas