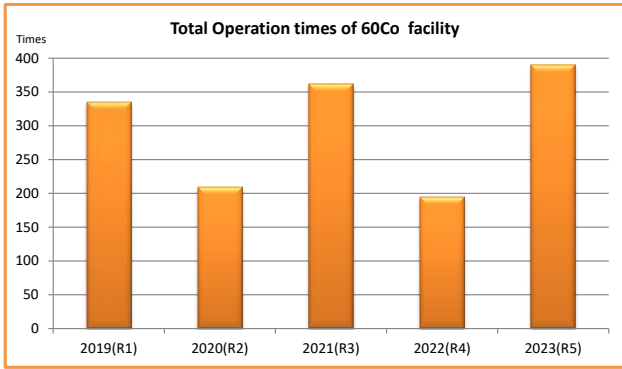


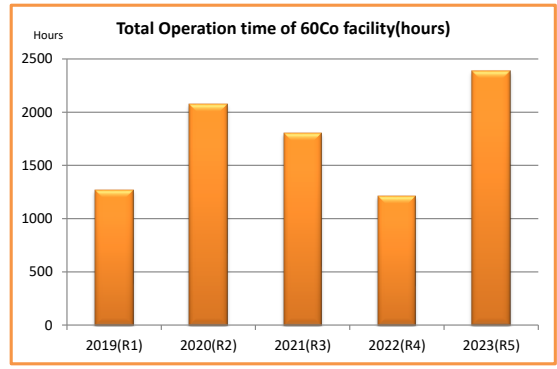
## Progress in Past 5 years

### Operation of Cobalt60

Year	2019(R1)	2020(R2)	2021(R3)	2022(R4)	2023(R5)
<b>Total Times</b>	335	209	362	195	390

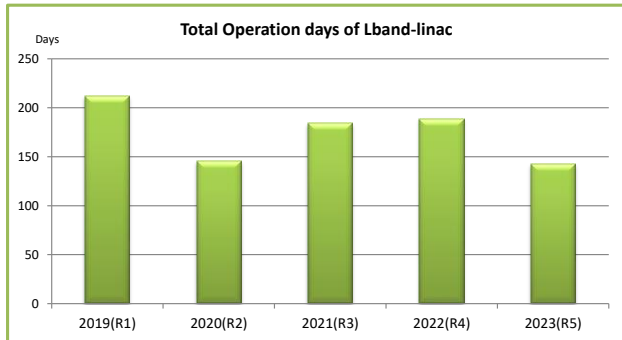


Year	2019(R1)	2020(R2)	2021(R3)	2022(R4)	2023(R5)
<b>Total Hours</b>	1273	2078	1804	1213	2387

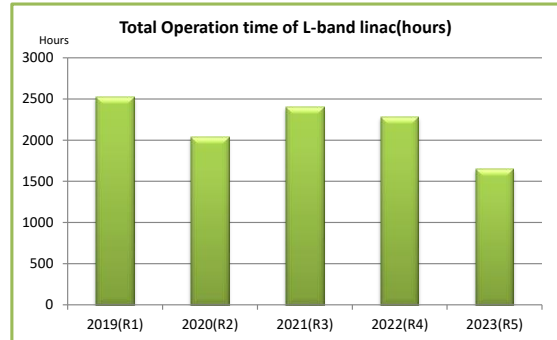


### Operation of L-band electron Linac(Except maintenance use)

Year	2019(R1)	2020(R2)	2021(R3)	2022(R4)	2023(R5)
<b>Total Days</b>	212	146	184	189	143

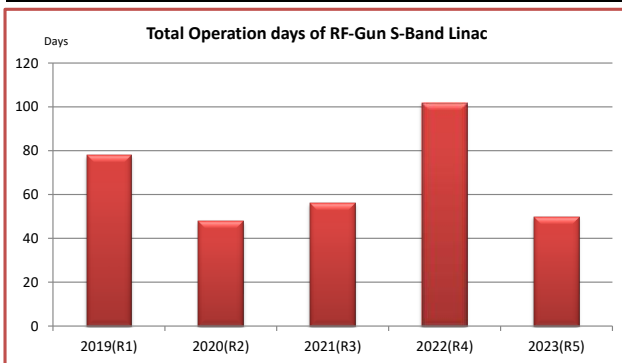


Year	2019(R1)	2020(R2)	2021(R3)	2022(R4)	2023(R5)
<b>Total Hours</b>	2527	2040	2403	2284	1653

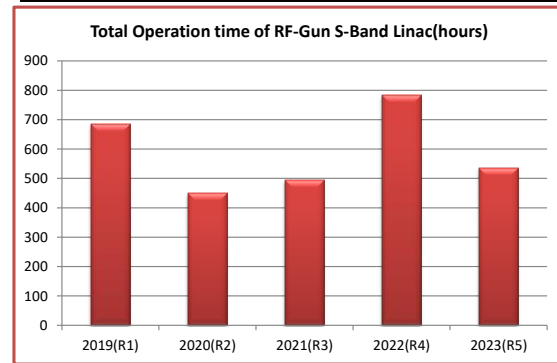


### Operation of Laser Photocathode RF-Gun S-Band Linac

Year	2019(R1)	2020(R2)	2021(R3)	2022(R4)	2023(R5)
<b>Total Days</b>	78	48	56	102	50

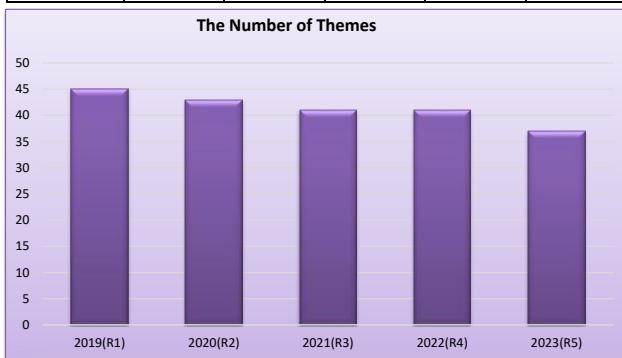


Year	2019(R1)	2020(R2)	2021(R3)	2022(R4)	2023(R5)
<b>Total Hours</b>	686	451	494	783	537

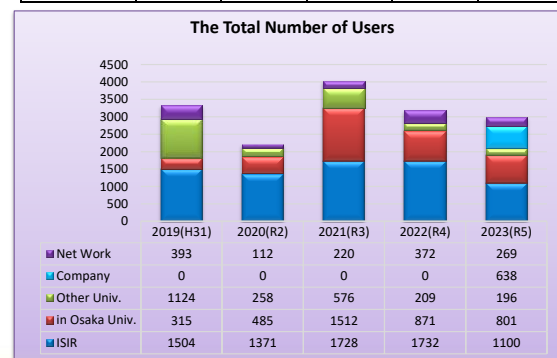


### All Machines

Year	2019(R1)	2020(R2)	2021(R3)	2022(R4)	2023(R5)
<b>Total Themes</b>	45	43	41	41	37



Year	2017(H29)	2018(H30)	2019(R1)	2020(R2)	2021(R3)
<b>Total Numbers</b>	3336	2226	4036	3184	3004



\*\*\*\*2023 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 /SANKEN

<Other Institutions>

Fukui Univ. / Mie Univ. / Chubu Univ. / Aoyama gakuin Univ. / WASEDA Univ. /  
Tokyo Univ. / Tokyo Institute of Technology. / Okayama Univ.  
Daikin Joint Study Team / MITSUBISHI ELECTRIC

\*\*\*\* 2023 Network Joint Research Center for Materials and Devices\*\*\*\*

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