



Contribution ID: 2564 Contribution code: TUPM063

Type: **Poster Presentation**

## Recent status of J-PARC 3 GeV Rapid Cycling Synchrotron

*Tuesday, 9 May 2023 16:30 (2 hours)*

The 3 GeV rapid cycling synchrotron (RCS) at the Japan Proton Accelerator Research Complex (J-PARC) provides more than 800 kW beams to the Material and Life Science Facility (MLF) and Main Ring (MR). We have been continuing a beam study to achieve 1-MW, design power operation. In addition, we have also improved and maintained the accelerator components to establish a stable operation. This paper reports the status of the J-PARC RCS in recent years.

### Funding Agency

### Footnotes

### I have read and accept the Privacy Policy Statement

Yes

**Primary author:** YAMAMOTO, Kazami (Japan Proton Accelerator Research Complex (J-PARC))

**Co-author:** YAMADA, Ippei (Japan Proton Accelerator Research Complex (J-PARC))

**Presenter:** YAMADA, Ippei (Japan Proton Accelerator Research Complex (J-PARC))

**Session Classification:** Tuesday Poster Session

**Track Classification:** MC4: Hadron Accelerators: MC4.A17: High Intensity Accelerators