Current status of JRR-3
- overview, recent outcomes & future prospects -

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JRR-3 is the multipurpose research reactor [1] running at thermal power of 20 MW. The reactor has 7 horizontal beam tubes in the reactor hall and at 2 thermal guide tubes and 3 cold guide tubes in the guide hall. 28 neutron instruments are operated by Japan Atomic Energy Agency, Universities' group leaded by the University of Tokyo, Tohoku University, Kyoto University and National Institutes for Quantum Science and Technology. After 10 years interruption from 2011 due to the Great East Japan earthquake, user program was resumed in 2021 and our neutron science at JRR-3 is now producing fruitful results in the wide range of field from basic science to industrial applications. In this talk, overview of the current status and future prospects of neutron science at JRR-3 will be given.

[1] https://jrr3.jaea.go.jp/

The multipurpose research reactor, JRR-3.