

# RIKEN Accelerator Progress Report (APR)

- Deadline for submission to RIKEN: Jan. 30 (Fri), 2026 17:00 (JST)
- You can see the details [https://www.nishina.riken.jp/researcher/APR/call\\_e.html](https://www.nishina.riken.jp/researcher/APR/call_e.html)
  - instruction and template
- Recommend to show plots in the INTT/INTT JP meeting
- Deadline for the internal review: Jan 16<sup>th</sup> (Fri)
- After review by the tutor, please send your draft to INTT mailing list until Jan 25th.

Name	Tutor	Title
Yui Ishigaki	Maya	Simulation study for K0 short meson reconstruction at sPHENIX
Cheng-Wei Shih	Akitomo	Perhaps beam test finalized results, or charged hadron multiplicity, or the DAC Scan in Au+Au collisions (It depends on how strict the rules we set for release)
Joseph Bertaux	Genki	Contributions to the sPHENIX zero-field alignment workflow
Shan-Yu Chen	Genki	Investigation of the Saturation Behavior of the Intermediate Tracker Chips in sPHENIX
Ryotaro Koike	Natsuki	Offline correction of misassigned timestamps in sPHENIX INTT hits
Nao Morimoto	Akitomo	Detection Efficiency Measurement of Silicon Sensors for the Intermediate Silicon Tracker (INTT) in the sPHENIX Experiment Using Cosmic Rays
Tomoki Harada	Yuko	Recovery of malfunctioning data transfer of readout ASIC in sPHENIX-INTT detector
Mahiro Ikemoto	Itaru	Measurement of $J/\psi$ in p+p collisions at $\sqrt{s} = 200$ GeV with RHIC-sPHENIX
Takahiro Kikuchi	Yasuyuki	Study of detection efficiency for sPHENIX-INTT detector using collision data
Jaemin Hwang	Yuko	Performance of an Automatic Calibration System for the INTT Detector at sPHENIX
大前愛華	Takashi	Mesurement of the elliptic flow coefficient $v_2$ in Au+Au collisions, $\sqrt{s_{NN}} = 200$ GeV with the sPHENIX experiment