

1. Title (both in English for a domestic workshop/conference)	Physics Opportunities Using the 8pi Spectrometer
2. List of members of the organizing committee with full name and affiliation	青井 考(RCNP), 井手口 栄治(RCNP), 今井 伸明(CNS), 小田原 厚子(阪大理), Riccardo Orlandi(JAEA), 小池 武志(東北大), 鈴木 大介(東大理), 民井 淳(RCNP), 柳瀬 宏太(理研), 山本 康嵩(CNS), 吉田 賢市(RCNP), Krzysztof Starosta(SFU)
3. Period of workshop / conference	From 4/2/2025 to 5/2/2025
4. Venue	RCNP, main building 6F 講義室1 + zoom
5. Description of the results	In the 8pi workshop, we have discussed experiments to be performed with the 8pi spectrometer and related theoretical research. At RCNP, we are planning to host the 8pi spectrometer as part of a Japan-Canada collaboration. This initiative aims to enable various experiments utilizing the RI-beam facilities (EN beam line) and the high-resolution spectrometer, Grand Raiden. The 8pi spectrometer is a high-resolution gamma-ray spectrometer consisting of a BGO calorimeter and 20 coaxial Compton-suppressed Ge detectors in an icosahedron configuration. It has achieved significant milestones in high-spin gamma-ray spectroscopy and beta-gamma spectroscopy at Canadian accelerator facilities. The workshop was held for 2 days in a hybrid format, both on-site at the lecture room 1 in RCNP main building and online using zoom system. In total 37 participants attended, and 16 talks are given. Various plans were introduced, and concrete discussions were held toward the realization of the 8pi experiments.
6-1. Numbers of participants from overseas	9
6-2. Numbers of male participants	31
6-3. Numbers of female participants	6
7. URL of the webpage	https://indico.rcnp.osaka-u.ac.jp/event/2503/