

1. Title (both in English for a domestic workshop/conference)	Dynamics of spin degrees of freedom in atomic nuclei
2. List of members of the organizing committee with full name and affiliation	Tomohiro Oishi, RIKEN Nishina Center Yoshiko Kanada, Kyoto University Kentaro Yako, CNS in University of Tokyo Atsushi Tamii, RCNP in Osaka University Kenichi Yoshida, RCNP in Osaka University
3. Period of workshop / conference	From 11/12/2023 To 13/12/2023
4. Venue	RCNP in Osaka University, and Zoom
5. Description of the results	<p>This workshop aims at providing an opportunity for discussions on relevant topics of “nuclear spin”. Spin degrees of freedom of nucleons are essential in nuclear “spintronics”, including magnetic properties, pairing correlations, Gamow-Teller and other weak-interaction processes, neutron-star magnetism, etc. With the keyword being “nuclear spin”, we aimed to build a bridge between these topics and involve theoretical and experimental experts. Indeed, within 17 contributions, various studies to investigate these spin-related physics were presented. Those include five reviews by authorities and three talks by young PhD candidates. We had an active discussion among participants with different backgrounds. After this workshop, we expect that the interest in the exploration of nuclear spintronics will be shared among the participants. Toward continuous workshops in the future, here we note one point for improvement. That is how to encourage the young participants, especially students, to be involved and present their recent achievements. One possible solution is to modify the schedule in vacation periods, where students can be available for events.</p>
6-1. Numbers of participants from overseas	2
6-2. Numbers of male participants	47
6-3. Numbers of female participants	2
7. URL of the webpage	<a href="https://indico.rcnp.osaka-u.ac.jp/event/2207/overview">https://indico.rcnp.osaka-u.ac.jp/event/2207/overview</a>