

1. Title (both in English for a domestic workshop/conference)	量子情報と原子核の交差点 (The crossroads of quantum information and nuclear physics)
2. List of members of the organizing committee with full name and affiliation	Osamu Ishii (RCNP, Osaka University) Shinsuke Ota (RCNP, Osaka University) Masaaki Kimura (RIKEN) Makoto Negoro (QIQB, Osaka University) Keisuke Fujii (QIQB, Osaka University) Wataru Mizukami (QIQB, Osaka University)
3. Period of workshop / conference	2024/09/12
4. Venue	Nanbu Hall, Toyonaka campus, the University of Osaka
5. Description of the results	<p>The "Quantum Information and Nuclear Physics Crossroads" workshop (Dec. 9, 2024) explored the burgeoning synergy between these fields. 3 talks from nuclear physics side and 3 talks from quantum information side were given.</p> <p>The workshop aimed to identify common ground, discuss advancements, and foster collaborations. Presentations covered quantum computing's status, nuclear applications, scaling challenges, and quantum measurement processing for nuclear physics. The concluding discussion facilitated interdisciplinary exchange, laying the foundation for future joint research endeavors</p>
6-1. Numbers of participants from overseas	0
6-2. Numbers of male participants	59
6-3. Numbers of female participants	1
7. URL of the webpage	<a href="https://indico.rcnp.osaka-u.ac.jp/event/2417/">https://indico.rcnp.osaka-u.ac.jp/event/2417/</a>