

1. Title (both in English for a domestic workshop/conference)	Microscopic approach from pair correlation to pair condensation
2. List of members of the organizing committee with full name and affiliation	Shinsuke OTA (RCNP, Osaka University) Kenichi YOSHIDA (RCNP, Osaka University) Masanori DOZONO (Kyoto University) Nobuaki IMAI (CNS, the University of Tokyo) Masayuki MATSUO (Niigata University)
3. Period of workshop / conference	From 04/09/2023 To 06/09/2023
4. Venue	RCNP 6F Lecture room 1
5. Description of the results	Aiming at investigating the connection between microscopic and macroscopic system, we discussed the microscopic approach to the pair condensation from the pair correlation. There were 21 invited talks including five talks relating to the solid state physics, and three contributed talks. One colloquium from Prof. Enrico Viguzzi from INFN, Mirano, was jointly given to overview the pair correlation and condensation in nucleonic systems. 85 unique persons joined the workshop. Not only the overlap between the views of the microscopic and macroscopic nucleonic systems but also that between the nuclear physics and the solid state physics was revealed. Continuing the discussion among the experimental and theoretical nuclear physicists and the solid state physicists is strongly desired. Especially, we conclude that the experimental results of two-nucleon transfer reactions or knockout reactions and the theoretical analysis of them are important to drive this field.
6-1. Numbers of participants from overseas	2
6-2. Numbers of male participants	78
6-3. Numbers of female participants	7
7. URL of the webpage	https://indico.rcnp.osaka-u.ac.jp/event/2163/