

1. Title (both in English for a domestic workshop/conference)	第3回 研究用原子炉を用いた原子核素粒子物理学 3rd RCNP Workshop on Fundamental Physics Using Reactors (FPUR-III)
2. List of members of the organizing committee with full name and affiliation	Takayuki Asano (Fukui Univ) Hiroyuki Fujioka (Tokyo Inst Tech) Hiromitsu Haba (RIKEN) Masataka Inuma (Hiroshima Univ) Tatsuya Katabuchi (Tokyo Inst Tech) Shinsuke Kawasaki (KEK) Masaaki Kitaguchi (Nagoya Univ) Kenji Mishima (KEK) Kyohei Nakajima (Fukui Univ) Izumi Ogawa (Fukui Univ) Takuya Okudaira (Nagoya Univ) Tatsushi Shima (RCNP) Hirohiko Shimizu (Nagoya Univ) Saori Umehara (RCNP) Yutaka Yamagata (RIKEN) Sei Yoshida (Osaka Univ) Tamaki Yoshioka (Kyushu Univ)
3. Period of workshop / conference	from 18/01/2024 to 19/01/2024
4. Venue	Bunkyo Campus, Fukui University, Fukui city, Fukui
5. Description of the results	Applications of nuclear research reactors were discussed over physics on nuclear reactions, nuclear potential, neutron optics, reactor neutrinos and reactor irradiation together with the status report of the nuclear research reactor planned at the MONJU breeder reactor site. Technical potentials of the innovation of neutron optics were overviewed for fundamental neutron physics and also for general use of slow neutron beam for applied physics. A groundbreaking new idea of isotope enrichment was discussed with its impact to future nuclear physics researches and also new possibilities over general science and technology. Consequently, the workshop activated a new cross-disciplinary exchange as the possible basis for a new type of research communities centered on nuclear physics.
6-1. Numbers of participants from overseas	3
6-2. Numbers of male participants	45
6-3. Numbers of female participants	4
7. URL of the webpage	https://www.rcnp.osaka-u.ac.jp/~fpur/WS/FPUR-III/