

1. Title (both in English for a domestic workshop/conference)	マイクロパターンガス検出器 (MPGD) & アクティブ媒質TPC合同研究会 (Joint Meeting on Micro-Pattern Gas Detector (MPGD) & Active Medium TPC)
2. List of members of the organizing committee with full name and affiliation	Minai (Kobe University) Tamagawa (RIKEN) Yokaichi (RIKEN) Ota (RCNP, Osaka University) Gunji (CNS, University of Tokyo) Kadota (Yamagata University) Uno (KEK) Ozawa (KEK) Sakashita (KEK) Sekiya (ICRR) Kubo (ICRR) Yosida (Waseda University) Ichikawa (Tohoku University) Nakamura (Tohoku University) Takada (Kyoto University) Tanimori (Kyoto University) Nakano (Osaka Metropolitan University) Ishino (Okayama University) Sakurai (Okayama University) Sugiyama (Saga University)
3. Period of workshop / conference	From 23/12/2024 To 24/12/2024
4. Venue	Research Center for Nuclear Physics, the University of Osaka
5. Description of the results	<p>The joint workshop of the 21st MPGD meeting and the 8th Active Media TPC meeting was held at Osaka University on December 23rd-24th, 2024. Micro-Pattern Gas Detectors (MPGDs) are widely used in scientific fields, including particle and nuclear physics, and have growing industrial applications in areas like non-destructive testing. Simultaneously, there's active development of TPCs utilizing active media for dark matter searches, neutrino physics, medical PET, and cosmic observation.</p> <p>This joint workshop aimed to foster interaction and spark new ideas among researchers, given the shared technological ground between MPGDs and active media TPCs. The workshop welcomed both experts and newcomers to the fields.</p> <p>The program featured presentations on various topics, including TPC applications in particle imaging, neutron imaging, dark matter searches, and technological advancements in detectors. Approximately 75 participants attended, and there were 17</p>
6-1. Numbers of participants from overseas	0
6-2. Numbers of male participants	71
6-3. Numbers of female participants	4
7. URL of the webpage	https://indico.rcnp.osaka-u.ac.jp/event/2466/