

Report of RCNP workshop		
1	Title (both in English for a domestic workshop/conference)	RCNP Workshop on Fundamental Physics using Neutrons and Atoms
2	List of members of the organizing committee with full name	Hirohiko Shimizu, Yasuhiro Sakemi, Kenji Mishima, Shinsuke Kawasaki, Takamasa Momose, Atsushi Hosaka, Tatsushi Shima, Junji Hisano, Katsuo Tokushuku, Koichiro Asahi, Isao Tanihata, Takeshi Fukuyama, Kichiji Hatanaka
3	Period of workshop/conference (From dd/mm/yy to dd/mm/yy)	From 4/08/2021 to 5/08/2021
4	Venue	Online
5	Description of the results	<p>The workshop was held to join with the 13th International Workshop on Fundamental Physics using Atoms (FPUA2021). Topics are fundamental physics using various media such as atoms, molecules, neutrons, electrons, and muons which have been promoted all over the world. We aimed to strengthen these efforts by bringing together recent research results, discussing future prospects, and expanding research networks. In this workshop, we discussed the latest results and prospects beyond the border of fields such as nuclear physics, particle physics, atomic physics, and quantum optics from both experimental and theoretical perspectives, and lead to the progress of research.</p> <p>Number of presentations: 26 ordinary talks + 7 short talks J-PARC virtual tour was organized</p> <p>Domestic participants: 110 including 45 graduate students. Oversea participants: 25 The awards for the outstanding presentations were given to following two speakers;</p> <p>Shun Matsuzaki (Kyushu University) Kohei "Neutron lifetime measurement with using solenoid magnet"</p> <p>Ishizaki (Nagoya university) "Crystal growth and properties of LaAlO₃ for the polarized target"</p> <p>A certificate and a commemorative crystal shield were given as a proof of the award.</p>
6	URL of the webpage	https://www-conf.kek.jp/fpua2021/
7	URL and/or DOI of the (online) proceedings	No proceedings