

Report of RCNP workshop

1	Title (both in English for a domestic workshop/conference)	Yamada Conference LXXII: The 8th Asia-Pacific Conference on Few-Body Problems in Physics
2	List of members of the organizing committee with full name	Emiko Hiyama (Tohoku Univ./RIKEN) : co-chair Souichi Ishikawa (Hosei Univ.) : co-chair Atsushi Tamii (RCNP, Osaka Univ.) : co-chair Tomokazu Fukuda (Osaka Electro-Comm. Univ.) Yasuro Funaki (Kanto Gakuin Univ.) Wataru Horiuchi (Hokkaido Univ.) Yoichi Ikeda (Kyushu Univ.) : secretariat Nobuyuki Kobayashi (RCNP, Osaka Univ.) : secretariat Yukie Maeda (Univ. of Miyazaki) : secretariat Hiroshi Masui (Kitami Inst. of Tech.) Takuma Matsumoto (Kyushu Univ.) Kenjiro Miki (Tohoku Univ.)
3	Period of workshop/conference (From dd/mm/yy to dd/mm/yy)	From 1/3/2021 to 5/3/2021
4	Venue	Hybrid conference of remote participation and on-site participation at Kanazawa Bunka Hall, Kanazawa, Japan
5	Description o the results	<p>This is the 8th conference on the series of Asia-Pacific Conference on Few-Body Problems in Physics, started from 1999 in Tokyo, and the 2nd time hosted in Japan.</p> <p>The conference was first planned to be held in Kanazawa in August 2020. However, due to the travel restriction by the COVID-19 problem, we decided to postpone it to March 2021, and finally to have the conference as a hybrid of on-site and remote participations. We had 295 participants in total, that consisted of 48 for on-site and 247 for remote. We could have intense discussions of few-body aspects of nuclear systems, hadron physics, hypernuclei, nuclear astrophysics, atomic systems, computational methods, etc.</p> <p>It was unfortunate that we could not accept on-site participation of foreign researchers and of a part of the domestic researchers. However, we could have more participants than usual case (~150) owing to the convenient remote access and to the free registration fee. One of the difficulties of having a remote conference was the difference of the time zones. We decided to have plenary sessions in the early part of the morning and in the late part of the afternoon. The former was for the people in the US time zone and the latter in the European time zone. It worked well for having live presentations. However, it was unavoidable that the average fraction of the participation in the plenary sessions was less than typical traditional conferences. Also mutual communication among the participants aside from the presentation time was practically difficult. For some of the participants we collected recorded video-talks in advance, expecting unstable network connection, that helped a lot for the smooth operation of the conference.</p> <p>We could have four remote presentation from Myanmar in spite of the serious political situation in the county. We also had presentations from Asian region, China, Taiwan, Korea, Thailand, Indonesia, Vietnam in addition to the other continents. We have awarded APFB-ANPhA prize to three presentations by young researchers/students and APFB special prize to two presentations by students.</p> <p>Overall the conference was quite successful. We appreciate much the valuable support from RCNP.</p>
6	URL of the webpage	<a href="https://www.rcnp.osaka-u.ac.jp/Divisions/np1-a/apfb2020/">https://www.rcnp.osaka-u.ac.jp/Divisions/np1-a/apfb2020/</a>
7	URL and/or DOI of the (online) proceedings	in preparation for the publication in Few-Body Systems (Springer)