Asian Collaboration on Nuclear Reaction Data Compilation

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Recently, collaboration with the NRDC members in Asia was developed under the support of "R&D" Platform Formation of Nuclear Reaction Data in Asian Countries (FY2010-FY2012), Asia-Africa Science Platform Program, the Japan Society for the Promotion of Science. Since 2010, annual workshops, named as Asian Nuclear Reaction Database Development Workshop, were held at Sapporo, Japan in 2010, Beijing, China in 2011, and Pohang, Korea in 2012, respectively. The workshops were devoted to sharing information about their activities, to strengthen collaboration among the NRDC members in Asia and to promote the dissemination and improvement of data compilation techniques. In order to improve compilation techniques, educational sessions for digitization and compilation took place.

There are many participants from the NRDC members in Asia, such as Japan, China, India and South Korea. In addition to the NRDC members, researchers belonging to institutes in other Asian countries, such as Kazakhstan, Mongolia, and Vietnam, also participated in the workshops and discussed topics in compilation and their own research. The workshops were very fruitful for all participants.

Among the participants in the 3rd workshop at Pohang, Korea in 2012, the following consensuses could be reached. The workshop must be continued 1) to share information on compilation and research activity, 2) to enhance nuclear data activities, 3) to promote collaboration of compilation and evaluation, and 4) to encourage and educate young researchers.

The workshops in 2013 and 2014 are planned to hold in Kazakhstan and India, respectively. In Kazakhstan, Prof. N. Takibayev (Al-Farabi Kazakh National University) plans to establish their own nuclear reaction data centre, Central-Asia Nuclear Reaction Database (CA-NRDB).

Fig: Participants of the 3rd workshop in Pohang, Korea