

## Report of the China-Korea-Japan Railway Research Technical Meeting

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The China Academy of Railway Sciences hosted the 9<sup>th</sup> China-Korea-Japan Railway Research Technical Meeting (hereinafter, 9<sup>th</sup> CKJ Meeting) in Beijing, on December 14<sup>th</sup> - 15<sup>th</sup>, 2009. The CKJ Meeting has been held annually since 2001 by the railway research organizations of the three countries: the China Academy of Railway Sciences (CARS), the Korea Railroad Research Institute (KRRI) and the Railway Technical Research Institute (RTRI). Approximately 60 participants attended the 9<sup>th</sup> CKJ Meeting, including Vice President Mr. Wang and 30 members from CARS, President Mr. Choi and 17 members from KRRI and Executive Director Mr. Uchida and nine members from RTRI (Fig. 1).

On December 14<sup>th</sup>, we held the summit meeting, the preparatory meeting and the researchers' meetings on technical issues. In the summit meeting, discussions were made on mutual utilization of the test facilities owned by each organization, on personnel exchanges among the three institutes, and on similar topics.

On December 15<sup>th</sup>, the annual meeting was conducted as follows.

- (1) Representative Addresses: a representative from each of the three organizations gave an address.
- (2) Keynote Lectures: the three institutes gave the following keynote lectures.
  - “Construction of National Science & Technology Innovation Platform” by CARS
  - “Green Growth and Railway Technology R&D” by KRRI
  - “R&D of the Railway Technical Research Institute” by RTRI
- (3) Introduction of Test Facilities: an introduction was given to the major test facilities of each organization.
- (4) Accomplishment Report Session: the achievements of joint research projects were presented with eleven presentations in total (four from CARS, four from KRRI and three from RTRI), followed by a ques-

tion and answer session.

- (5) Introduction of New Topics: each institute presented the outlines of research topics that had recently commenced (three from CARS, five from KRRI and one from RTRI).
- (6) Signature on Minutes: the secretarial officers of the three organizations signed the minutes of the 9<sup>th</sup> CKJ Meeting.

As of January 2010, there are 17 ongoing joint research projects being undertaken by China, Korea and Japan. Among them, RTRI is taking part in the following six research topics, four of which are newly established.

- A Comparison of the Environmental Performance of Railway Systems
- A Study on the Research and Sharing Mechanism of Railway Scientific Technological Literature Resources
- Research on the Management Arrangements for Mutual Use of Research or Testing Facilities Among CARS, KRRI and RTRI Laboratories (New)
- Research on Evaluation Methods and Criteria for the Derailment Safety of High Speed Train-Track Systems (New)
- A Study on the Remediation of Contaminated Soil on Railways (New)
- Measurement methods for the pantograph and catenary system and their application to maintenance works (New)

The next CKJ Meeting will be held in Seoul, Korea, in September 2010. As we shall be celebrating the tenth anniversary, we anticipate even more eclat, and we shall be inviting participants from outside of the three organizations.

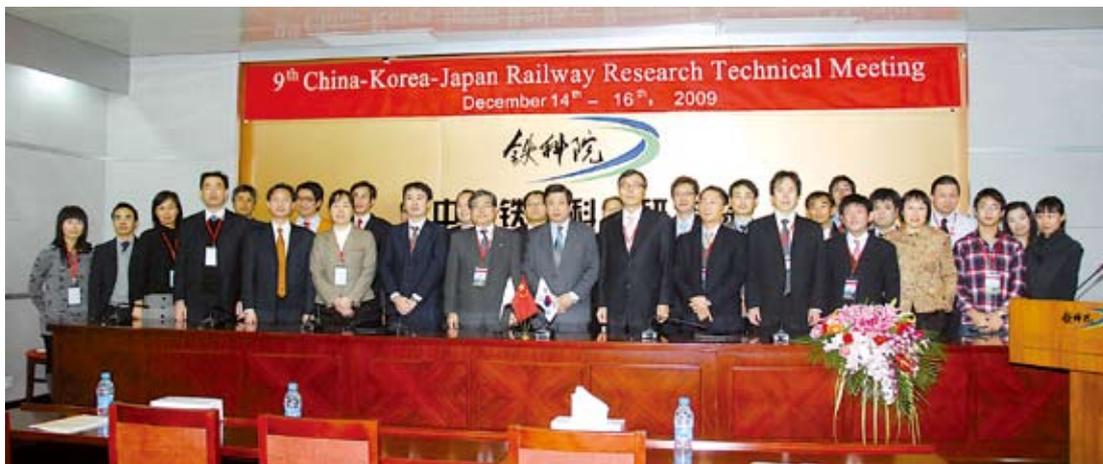


Fig. 1 Participants at the 9<sup>th</sup> China-Korea-Japan Joint Research Seminar