

10th China-Japan-Korea Railway Research Technical Meeting

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The 10th China-Japan-Korea Railway Research Technical Meeting (hereinafter referred to as the CJK Meeting) was held on September 7 to 8, 2010 at the Korea Railroad Research Institute, in Uiwang-city, South Korea. Three organizations —Railway Technical Research Institute (RTRI), China Academy of Railway Sciences (CARS), and Korea Railroad Research Institute (KRRI) — have held the CJK Meeting every year since 2001.

This year's CJK Meeting was attended by 52 people from the three organizations. They included the President of RTRI, Mr. Tarumi and 12 other staff, the Deputy President of CARS, Mr. Kang and 13 other staff, the President of KRRI, Mr. Choi and 24 other staff (Fig. 1).

The summit meeting and the preparatory meeting were held on September 7, as were the meetings of persons in charge of each research theme. Three representatives from RTRI attended the summit meeting: the President Mr. Tarumi, the Director of the Research & Development Promotion Division Mr. Takai, and the Director of the International Affairs Division Mr. Goto. The meeting discussed the operational method for carrying out collaborative research over a longer period, ways to achieve more positive communication between the three organizations, as well as information exchange among researchers, and mutual use of facilities in each organization, etc.

On September 8, the Annual Meeting was held as follows:

- (1) Opening welcome: KRRI greeted participants at the opening session.
- (2) Keynote lecture: each of the three organizations gave a keynote lecture :
 - “Strategies for the future Railway 2020”, by KRRI
 - “CARS’ Development Goals and Key Tasks in Five Years”, by CARS
 - “Master Plan of RTRI “RESEARCH 2010”- In Pursuit of Sustainable Development for Railways”, by RTRI
- (3) Debriefing session about achievements: 14 presentations in total were given about the achievements

of collaborative research and the planning of new collaborative research (four items by RTRI, three items by CARS, and seven items by KRRI). Questions and answers were then exchanged.

- (4) Signing of the minutes of the meeting:

the minutes of the CJK Meeting were signed by the representatives of the three organizations (Fig. 2).

As for the China-Japan-Korea collaborative research, a total of 20 research projects are in progress at the present time in October, 2010. Among these, RTRI is participating in the following nine themes which include three new themes:

- Measurement methods on pantograph and catenary system and its application to maintenance works
- Prevention of accidents by human factors (New)
- Study on the research and sharing mechanism of railway scientific technological literature resources
- Research on evaluation method and criteria on derailment safety for high speed train-track system
- Research on the management mechanism of mutual use of research or testing facilities among CARS, KRRI and RTRI laboratories
- Study on wheel/rail adhesion and creep test methods (New)
- Standardization of EMC tests
- Investigation of microorganisms in railway system (New)
- Study on the remediation of railroad contaminated soil

The next CJK Meeting is scheduled to be held in September 2011 at RTRI.



Fig.1 Participants in the 10th China-Japan-Korea Railway Research Technical Meeting



Fig.2 Signing the minutes of the meeting