

RTRI and Taiwan Railways Administration Co-Hosts Technical Exchange Seminar

RTRI concluded an agreement for technical cooperation with TRA and the experts of both organizations have been sharing information on railway technologies.



Participants from TRA and RTRI

On June 16 this year in Taipei, RTRI and TRA organized a technical exchange seminar on railway technologies. Seven people from RTRI including five experts and 70 people from TRA including four experts joined this seminar.

The participants exchanged information on the research and development of each organization regarding the following four topics proposed by TRA:

- The strategy of noise control for elevated railway system (ballasted and non-ballasted track) in metropolitan area
- Whole life cost analysis for rolling stock
- Positioning technology analysis on shortage points for overhead catenary system and early prediction method for material variation of the overhead catenary system
- The latest status of international standardization activities in railway field

The presentations were followed by lively Q & A sessions and discussions.

Program of the 2017 TRA & RTRI Technical Exchange Seminar

<p>Opening remarks</p> <p>LU Chieh-Shen, Director General, Taiwan Railways Administration, Ministry of Transportation and Communications</p> <p>Toru MIYAUCHI, General Manager, International Development, International Division, RTRI</p>
<p>Session 1 The strategy of noise control for elevated railway system (ballasted and non-ballasted track) in metropolitan area</p> <ol style="list-style-type: none">1. "Rail Corrugation Monitoring and Management" Hirofumi TANAKA, Assistant Senior Researcher, Track Geometry & Maintenance, Track Technology Division, RTRI2. "Noise Control Measures for Elevated Track System in Urban Area (Tracks w/o Ballast)" LIN Yung-Chang, Manager of Bridge and Tunnel Division, Taiwan Railways Administration, MOTC
<p>Session 2: Whole life cost analysis for rolling stock</p> <ol style="list-style-type: none">1. "Whole Life Cost Analysis for Rolling Stock" Naoki AIHARA, Chief Manager, International Affairs, International Division, RTRI2. "Life-cycle Costs Analysis for Rail Vehicles" HSIAO Chien-Ting, Manager of Motorcycle Section, Vehicle Division, Taiwan Railways Administration, MOTC
<p>Session 3: Positioning technology analysis on shortage points for overhead catenary system Early prediction method for material variation of the overhead catenary System</p> <ol style="list-style-type: none">1. "Positioning Technology Analysis on Shortage Points for Overhead Catenary System" Masataka AKAGI, Senior Researcher, Power Supply Technology Division, RTRI2. "Basic Study on Corrosion – Environment Evaluation in OCL" Tadanori USUKI, Assistant Senior Researcher, Current Collection Maintenance, Power Supply Technology Division, RTRI3. "Early Prediction Method for Material Variation of the Overhead Catenary System" HUANG Li-Wu, Manager of Electricity Section, Taiwan Railways Administration, MOTC4. "Positioning Technology Analysis on Shortage Points for Overhead Catenary System" HUANG Li-Wu, Manager of Electricity Section, Taiwan Railways Administration, MOTC
<p>Session 4: The latest status of international standardization activities in railway field</p> <ol style="list-style-type: none">1. "The Latest Status of International Standardization Activities in Railway Field" Hiroshi TANAKA, Director, Railway International Standards Center, RTRI2. "Reflect on the Standardization of Taiwan Track Engineering" HSU Wei-Lun, Project Manager, Railway Engineering Department, Sinotech Engineering Consultants, LTD.
<p>Closing remarks:</p> <p>HSU Hui-Yuan, Deputy Chief Engineer, Taiwan Railways Administration, Ministry of Transportation and Communications</p> <p>Toru MIYAUCHI, General Manager, International Development, International Division, RTRI</p>



Director General LU of TRA (right) and General Manager MIYAUCHI of RTRI (left) exchanging gifts



Technical Exchange Seminar