The 7th World Congress on Railway Research (WCRR 2006) welcomed about 750 participants from 41 countries, including 33 participants from our Railway Technical Research Institute (RTRI). Presentations featured 288 items (including posters), and of these, RTRI presented 23. Papers presented during the Congress covered a wide range of subjects, including Network Capacity, Service Design and Reliability, System Optimization, Security and Safety, and the Environment. The table below lists papers presented by RTRI.

RTRI's participation at the Congress also included two of its members chairing sessions: the T2.1.1 Track Maintenance session was chaired by Masao UCHIDA, the T2.6.1 Information Technology session by Takahiko OGINO.

During the evening banquet on June 6, RTRI's Kiyoshi KAWAGUCHI was given the Best Paper Award in Rolling Stock sessions by Chul LEE, president of Korea Railroad Corporation (Korail), the award's sponsor (see photo on page 3). In addition to the presentation of papers, there were technical exhibits organized by 45 groups. Our institute's exhibit introduced the JR Group with pamphlets, posters, video and models.

During the closing session, RTRI President Katsuji AKITA brought the Congress to a close with a speech, "R&D Strategies for the Future of Railways." He listed four goals for railways: attractive services, efficient and low-cost railway management, high safety levels, and mutual coordination.

RTRI's presentations at WCRR 2006 included the following sessions:

- T1.2.1 Network Capacity: Kazuki TAMURA - Improvement of the Conventional Rail Freight Station for Intermodal Transport
- T1.4.2 Scheduling II: Yoko TAKEUCHI - Robustness Indices Based on Passengers' Utilities
- T2.1.2 Rolling Stock Maintenance: Kiyoshi KAWAGUCHI - Development of WSP System for Freight Trains
- T2.2.1 Track Components: Hideyuki TAKAI - Japanese Twenty Five Years Experiences and Standardization of Synthetic Sleeper
- T2.3.2 Infrastructure Condition Monitoring: Naoki TACHIBANA - Tunnel Monitoring System using the Optical Fiber Sensor or the Electric Conductible Paint
- T3.2.2 Pantograph Dynamics: Shunichi KUSUMI - Characteristics of Contact Force Waveforms and their Application to Diagnosis of Overhead Line
- T3.2.3 Wheel/Rail Profile Design and Maintenance: Makoto ISHIDA - Effect of Lubrication on Vehicle/Track Interaction and Performance of Friction Modifier
- T3.5.1 Enhancing the Understanding of RCF: Makoto AKAMA - Study on the growth Rates of Rolling Contact Fatigue Crack in Wheel/Rail Steel
- T3.5.2 Management of RCF: Makoto ISHIDA - Influence of Surface Roughness of Rail Formed by Rail Grinding on Rolling Contact Fatigue
- T6.1.1 Pollution Control and Remediation: Hironobu SAKAI - Inspection and Management of Fuel Leakage from Rolling Stock to Create the Safe and Comfortable Environment for Customers
- T6.2.1 Noise and Vibration Control I: Makoto KANAZAWA - Analysis and Design of Low-Stress and Low-Noise Lightweight Wheel
- T6.2.2 Noise and Vibration Control II: Mitsuru IKEDA - New Designing Procedure for Pantograph of High-speed Trains
- T6.6.1 Environmental Impact: Atsushi DOI - Development of Technologies for Minimizing Environmental Impacts
- IP1 Rolling Stock Maintenance and Components: Minoru TANAKA - Development of Electromagnetic Vibration Apparatus for Ground Coils of Maglev
- IP2 Rolling Stock Maintenance and Components: Takashi YONEYAMA - Development of Wheel Bearings with a Grease Supply Mechanism
- Poster: Ruji TSUCHIYA - Supporting Intermodal Travelers by Agent-based Information Integration
- Poster: Shogo KAWAMATA - GPS Based Position Detect System for Next-Generation Tilling Train
- Poster: Shuichi MYOJO - Daily Estimation of Passenger Flow in Large and Complicated Urban Railway Network