

4th Phase Final Seminar of the SNCF-RTRI Collaborative Research Programme

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On April 13 to 14, 2010, the 4th Phase Final Seminar of the SNCF(French National Railways)-RTRI Collaborative Research Programme was held in Paris, France. About 30 researchers and engineers from SNCF and RTRI participated. In this seminar, an outline of achievements of the seven collaborative research themes and two information exchange themes which had been implemented during the 4th Phase SNCF-RTRI Collaborative Research Programme were reported; the Programme covered the period from 2007 to 2009. Above all, it was confirmed that excellent results were obtained regarding the two themes, "Behaviour of Overhead Contact Line and Pantograph at High Speed" and "Ride Comfort for Passengers".

In this seminar, SNCF and RTRI agreed to work together in the 5th Collaborative Research Programme, which is scheduled to cover a further two-year period.

SNCF and RTRI are planning to engage in the three collaborative research themes: "Inspection and Predictive Maintenance Strategies for Overhead Catenary Systems", "Ride Comfort for Passengers", and "Application of a Wireless Sensor Network". During the 5th Collaborative Research Programme, they also plan to work together on several information exchange themes.



Behavior of Overhead Contact Lines and Pantographs at High Speed



Ride Comfort for Passengers



A scene of seminar



Participants in seminar



Confirmation of minutes of meeting

10th International Workshop on Railway Noise (IWRN10)

Hisashi TANAKA

Manager, International Affairs



The workshop will provide an opportunity for presentations and discussions about the latest domestic and international technologies with regard to railway noise and vibration. Topics will include sources of railway noise (the sound between wheels and rails, aerodynamic sound, structural sound, tunnel micro-pressure waves), ground vibration, prediction tools and theoretical models, measurement technologies, noise/vibration reduction technologies, legal regulations, perception, etc. The submission of summary papers closed in January 2010, and about 100 presentations are scheduled. Also included in the IWRN10 programme are a technical exhibition and a technical visit to the Wind Tunnel Technical Center. We expect many people to participate.

1. Workshop dates: October 18 (Mon.) to October 22 (Fri.), 2010

Programme for IWRN10

October 18 (Mon.)	Registration, Welcome reception
October 19 (Tue.)	Presentation session
October 20 (Wed.)	Presentation session
October 21 (Thu.)	Presentation session, Official dinner
October 22 (Fri.)	Presentation session (AM), Technical visit (PM)

2. Venue: Nagahama Royal Hotel, Nagahama-city, Shiga prefecture, Japan
3. Organizer: The Railway Technical Research Institute (RTRI), supported by the Ministry of Land, Infrastructure, Transport and Tourism, and the Ministry of the Environment
4. Method of application: Please register online by visiting <http://www.rtri.or.jp/IWRN10/>.
5. Registration fee for participation:
¥85,000 (including tax, by May 31, 2010)
¥95,000 (including tax, June 1st, 2010 or later)
6. Inquiries: IWRN10 Secretariat, International Affairs Division, RTRI
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Wind Tunnel Technical Center