

The 10th International Workshop on Railway Noise

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The 10th International Workshop on Railway Noise (IWRN10) will be held on October 18-22, 2010 in Nagahama, Japan.

The IWRN is a unique international workshop that started in Derby, UK, in 1976 specifically for the discussion of railway noise and vibration among world experts and practical engineers. Since then, it has grown into a gathering of over 100 experts in the field of railway noise and vibration. The last Workshop was held in Feldafing, Germany, in 2007.

The RTRI is delighted to have the opportunity to act as organizer of the 10th Workshop - the first to be held in Asia. The Japanese Ministry of Land, Infrastructure, Transport and Tourism and the Ministry of the Environment will also support the Workshop.

The venue for the Workshop is the Nagahama Royal Hotel, located on the eastern side of Lake Biwa, Japan's largest lake.

Continuing the tradition of previous IWRNs, this workshop will provide a unique forum for researchers and experts in railway noise and vibration. Both the time schedule and the venue of the workshop are intended to enhance a lively exchange of experience and viewpoints amongst the world's leading researchers and experts. To ensure comprehensive discussion of topics among all the participants, there will be no parallel sessions in IWRN10.

The Workshop will feature oral and poster presentations. The International Committee seeks excellent original papers relating to railway noise and vibration, such as noise sources (wheel/rail noise, aerodynamic noise, structure-borne noise

and micro-pressure wave), prediction tools and theoretical models, measurement methods, new noise reduction technologies, and ground-borne noise and vibration. Papers on legal regulations and perception are also welcomed. Oral and poster presentations will be held from the morning of October 19 until midday on October 22.

A complimentary technical tour to the RTRI's Wind Tunnel Technical Center will take place in the afternoon of October 22.

Besides workshop proceedings, selected papers will be published as a dedicated issue of the Notes of Numerical Fluid Mechanics and Multidisciplinary Design (Springer), which will be sent to all participants of the Workshop.

The following are important dates for authors:

December 25, 2009: Deadline for two-page summary.

February 26, 2010: Notification of acceptance.

May 28, 2010: Deadline for full paper.

For further information on the IWRN10, please visit our website (<http://www.rtri.or.jp/IWRN10>) or contact us by e-mail (iwrn10@rtri.or.jp).



Wind Tunnel
Technical Center

The 8th China-Korea-Japan Railway Research Technical Meeting

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Since 2001, the China-Korea-Japan Railway Research Technical Meeting has been held annually, rotating between CARS*, KRRI** and RTRI. Each occasion has taken the form of a seminar where joint research was discussed by the three organizations.

On November 19 to 21, 2008, RTRI hosted the 8th meeting. Eight members from China, led by Mr. Kang, Executive Vice President of CARS, and 11 members from Korea, led by Dr. Bang, Vice President of KRRI, visited RTRI. From RTRI, four researchers in charge of joint research, members from the R&D Promotion Division and the staff of the International Affairs Division, headed by Dr. Kumagai, Executive Director of RTRI, participated in the meeting.

On November 19, the first day of the meeting, the participants had a study tour of RTRI's new test facilities in the morning and held meetings of joint researchers on relevant research themes in the afternoon. In parallel, the leaders of the three research organizations had a meeting to exchange frank opinions on the status of their railways and their future vision on railway research institutes.

During the morning of November 20, the three leaders

presented keynote addresses, and a researcher from RTRI made a special presentation on the technology

of tilting trains. In the afternoon, participants made presentations on nine research themes including those on a monitoring system for railway infrastructure and life cycle assessment for railway system contributed by RTRI researchers. After the end of the seminar we finalized the minutes of the meeting on the promotion of tripartite joint research projects and research themes adopted for the projects. The minutes were then signed by the three leaders.

On November 21, the 8th China-Korea-Japan Railway Research Technical Meeting was successfully closed after the delegations made a technical visit to the Railway Museum in Saitama.

* CARS: China Academy of Railway Sciences

** KRRI: Korea Railroad Research Institute

