

WCRR 2022 Held in Birmingham

WCRR 2022, the 13th World Congress on Railway Research took place from June 6 to 10 in the International Convention Centre in Birmingham, U.K., co-hosted by RSSB and University of Birmingham.

WCRR 2022 has been organized by its Organizing Committee consisting of UIC, MxV Rail (formerly TTCI) of the U.S., RSSB of the U.K., SNCF of France, DB AG of Germany, Trenitalia of Italy and Railway Technical Research Institute of Japan, for the purpose of improving values of railway research, sharing technical information and promoting international cooperation.

This is the 13th WCRR congress and the University of Birmingham and UNIFE (The Association of the European Rail Supply Industry) joined the Organizing Committee for this congress.

- **Congress theme:** Reshaping our railways post-pandemic: Research with an impact
- **Participants:** Over 700 people from about 20 countries, 60 from Japan and 22 from RTRI
- **Plenary sessions:**
Three plenary sessions were organized and the Organizing Committee members, railway operators mainly from Europe, research organizations and representatives of manufacturers joined the panel discussions. Representing Japan, Executive Director Furukawa of RTRI joined Plenary Session 2 “Research with an Impact: Celebrating Success” and talked about the results of Japanese anti-seismic measures, cost reduction by introducing multi-purpose telecommunication lines to wireless train control and research and development in Japan to decarbonize railways.

Session 1	The railway in a post-covid transport landscape
Session 2	Research with an impact: Celebrating success
Session 3	The journey to rapid benefit realization

- **Presentations:** 178 presentations for oral sessions (10 from RTRI)
129 presentations for interactive sessions (8 from RTRI)
- **Awards:**
Nine presentations were selected among 307 and awards including the Best Paper Awards were given. From Japan, Mr. Hiroshi Yoda, Assistant Senior Researcher of RTRI received the Best Early-Career Researcher Award for his presentation “Improvement of the Wireless Power Transfer System for Railway Vehicles”.

*The next congress will be held in 2025 in Colorado Springs in the U.S., hosted by MxV Rail.



Panel discussion at Plenary Session 2



Executive Director Furukawa and plenary session participants



Best Early-Career Researcher Award winner Mr. Yoda



RTRI's exhibition booth representing the JR group companies