

Office of Rail Transport

<https://utk.gov.pl/en/new/18584,Jubilee-of-the-Railway-Research-Institute-conference.html>
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Jubilee of the Railway Research Institute conference

Today, on 15 March, the Railway Research Institute organises the Jubilee Scientific Conference on the occasion of its 70th anniversary of and the 25th anniversary of the Experimental Track Maintenance Centre in Żmigród.

In 2022 seventy years passed since the establishment of the Railway Research Institute in Warsaw. Created as the Railway Scientific and Research Institute, it was transformed in 1958 into the Central Railway Research and Development Centre and then in 1987 into the Railway Scientific and Technical Centre. The last change to the Railway Research Institute took place in 2010 and, like the previous ones, was prompted by legal regulations.

The Railway Research Institute has a 7.7-kilometre-long test track on which locos can reach speeds of up to 160 km/h. The track is located 40 km from Wrocław and 5 km from Żmigród.

During today's conference, the achievements of the Institute will be presented as well as the latest research in rail infrastructure and rolling stock.

The transmission of the conference is available here

https://webinar.webbi.pl/70-lecie_Instytytu_Kolejnictwa/login . Access to the transmission requires an e-mail login.

Conference programme	
09.30 - 11.30	Opening of the conference - A. Massel
	The history of railway research in Poland from the Experimental Department of the Ministry of Railways to the Railway Research Institute - A. Massel
12.00 - 13.15	Works and research projects of the Railway Research Institute
	Rail infrastructure and improvements in rail transport organisation and rail traffic management - K. Ochociński
	Electric traction as the key component for maintaining minimum environmental impact of railway transport - A. Rojek
	Control systems and safe driving control as the key component of active safety - A. Toruń
14.00 - 15.15	Works and research projects of the Railway Research Institute

	Development of rolling stock through improvement of functionality and safety - S. Walczak
	Research on railway vehicles as passenger-friendly means of transport or adapted to various functions and types of cargo - W. Groll
	Test Track Centre of the Railway Research Institute as a key research infrastructure - W. Szulc
15.45 - 17.30	Works and research projects of the Railway Research Institute
	Research on materials and construction elements used in rolling stock and railway infrastructure - J. Radziszewska-Wolińska
	Wired and wireless communication as a basis for efficient realisation of transport processes in normal and deteriorated operating conditions - M. Sumiła
	Formal and technical assessment of conformity of subsystems and products as a basis for building interoperability while maintaining functionality and safety of railway transport - W. Rzepka
	Holistic and multifaceted safety analyses as a key component of traffic safety, transport safety and cyber security - M. Pawlik
17:30	End of the conference