

Dear Readers,

Issue 198 of “Problemy Kolejnictwa” contains articles prepared by both scientific staff from the Railway Research Institute and other scientific units and economic entities.

The first article is the result of a collaboration between the authors from DB Cargo Polska and the Silesian University of Technology. It presents the risk assessment of the application of innovative non-contact methods of railway infrastructure diagnostics.

The article by M. Garbacz from the Railway Research Institute focuses on methods of estimating uncertainty in tests conducted in research laboratories in the context of the requirements of the EN ISO/IEC 17025 standard.

M. Graff’s publication deals with the modern technical solutions for rail infrastructure and rolling stock used on line 2 of the Warsaw Metro. M. Ostromęcka’s article on ionising radiation used in radiographic testing also has a methodological character.

The issue closes with an article referring to the very current topic of smart cities. Its authors are employees of the Railway Track and Operation Department of the Railway Research Institute.

I hope that reading our quarterly will contribute to the dissemination of knowledge of contemporary research methods applicable to the railway industry and of the results of ongoing research and development work.

Best regards,

*Andrzej Massel
Editor-in-Chief*