



*Dear Readers*

Issue 188 of *Problemy Kolejnictwa* is the third issue of the quarterly published in 2020. It is a special year, mainly because of the coronavirus epidemic and its social and economic consequences, both current and long-term. In spite of the ongoing epidemic, the activities of the Railway Institute have not been interrupted, even for a moment. This includes the work of the editorial team of *Problemy Kolejnictwa*. Thanks to this work, all of the planned issues of the periodical will be published on time, including this one.

This issue contains six articles that, as usual, concern various topics. Two articles, by P. Lesiak and by J. Poliński, deal with innovative diagnostic methods that could be used with respect to railway infrastructure. Two more articles, written by teams of academics from the Dnipro University of Rail Transport in Ukraine, focus on the issue of power supply for railways. Furthermore, Issue 188 includes a publication by A. Butor on the impact of lean management on the limitation of the life cycle costs of locomotives and an article by J. Poliński presenting, against a wide background, the current developments in the area of digitization in railway transport.

On behalf of the editorial team, I would like to express the hope that the subject-matter knowledge contained in the articles published in *Problemy Kolejnictwa* will contribute to effective solving of the operational problems occurring in Polish railways, as well as to the introduction of new and innovative solutions.

*Editor-in-Chief*  
*Andrzej Massel*