

## **Szymon Klemba: Digital Model of the Railway Network – Second Stage of Development of a Tool for Passenger Transport Analysing**

The article features the outcomes of the second stage of work on a transport network model carried out within a project entitled *Digital Model of Transport Network, Stage 2 Railway Connections Network*. The project concerned the model of railway network extension by a model of the current railway network in Poland and included, among others, the input of data relating to routes, travel time and frequency of different category trains in particular connections. The work resulted in achieving a complex tool useful in present research and commercial projects carried out by the Railway Research Institute as well as taking a next step in the development of this tool.

**Keywords:** railway transport, transport modelling, transport system