

The use of simulation in developing train drivers.

project group

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There is a growing amount of simulation users in the railway industry worldwide. The railway industry can benefit on a broader scale if more of these experiences and knowledge about the practical use of simulation is documented and disseminated in a more structured way. The railway industry invests significant sums of money on simulation, but needs to demonstrate value-for-money and also consider whether more collaborative and strategic applications would bring bigger benefit.

The UIC project "the use of simulation in developing train drivers" aims at discovering best practice and make them accessible and building a community of users in the industry. Therefore the project group has collected data from railway simulator users about the following topics:

- What type of simulation is used?
- What sort of learning objectives are used in the simulation scenario's?
- What are simulations used for?
- How are simulations used (environmental variables and methodology)
- Where are simulations used in learning programmes
- What are the skills of a simulation trainer/instructor

In the workshop the results of this inquiry will be presented.

This workshop is interesting for:

- simulator users who contributed by providing data via the questionnaire
- simulator users who want to broaden their simulation expertise and knowledge.
- people who intend to buy and start using simulators

What are we doing in this workshop?

- Present and interpret the results of the collected simulator user data
- Discuss in groups the results of the collected user data on the basis of more in-depth questions
- Identify interest in periodic Simulator User Group (SUG) meetings in the world
- Collect questions for further structured research.