

Special Issue

Railway Safety 2020

Message from the Guest Editors

The railway is one of the safest modes of transportation. The aim of this special edition is to address new challenges for railway safety. These challenges are mainly caused by the introduction of digital technologies. One challenge is how to handle risk and safety analysis for the approval of new digital systems. Another challenge is that for the safe operation of a highly automated system, appropriate degraded mode strategies are crucial. This is closely related to operating and safeworking rules that have a significant impact on the system's safety. A key element for railway safety is human factors. In a highly automated system, human operators have to maintain sufficient situational awareness to prevent them from misjudging a situation when taking action under staff responsibility in failure mode. While railway accidents are a rather common occurrence, appropriate methods for accident investigation to detect weak parts of the system are also an important part of safety management. A common frame around all this is the corporate safety culture of the railway companies. Researchers may submit paper dealing with any of these aspects.

Guest Editors

Prof. Dr. Jörn Pacht

Institute of Railway Systems Engineering and Traffic Safety, Technische Universität Braunschweig, 38106 Braunschweig, Germany

Prof. Dr. Birgit Milius

Technische Universität Berlin, Straße des 17. Juni 135, 10623 Berlin, Germany

Deadline for manuscript submissions

closed (31 January 2021)



Safety

an Open Access Journal
by MDPI

Impact Factor 1.7
CiteScore 3.7



mdpi.com/si/38886

Safety
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
safety@mdpi.com

[mdpi.com/journal/
safety](https://mdpi.com/journal/safety)





Safety

an Open Access Journal
by MDPI

Impact Factor 1.7
CiteScore 3.7



[mdpi.com/journal/
safety](https://mdpi.com/journal/safety)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Raphael Grzebieta
Transport and Road Safety (TARS), University of New South Wales, Old
Main Building (K15), Sydney, NSW 2052, Australia

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), SafetyLit,
and other databases.

Journal Rank:

CiteScore - Q2 (Safety Research)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 37.2 days after
submission; acceptance to publication is undertaken in 5.7
days (median values for papers published in this journal in
the first half of 2025).