

# Special Issue

## Reliability Analysis and Evaluation of Automotive Systems, 2nd Edition

### Message from the Guest Editors

The automotive industry is rapidly evolving with the integration of advanced technologies, such as autonomous driving, electric propulsion, and connected vehicles. With these advancements, the reliability of automotive systems becomes crucial for ensuring safety, performance, and customer satisfaction. This Special Issue aims to explore the latest research and advancements in the reliability analysis and evaluation of automotive systems. The objective of this Special Issue is to connect researchers, engineers, and practitioners from academia and industry to share their knowledge, experiences, and innovative approaches in the field of automotive system reliability. We invite original research articles, review papers, and case studies that address various aspects of reliability analysis, evaluation, and improvement in automotive systems. We encourage researchers and experts in the field to contribute their valuable insights and findings to this Special Issue. By gathering and disseminating the latest research, this Special Issue will contribute to the advancement of reliability analysis and evaluation in automotive systems, ultimately enhancing the safety and performance of

---

### Guest Editors

Dr. Lihui Zhao

School of Mechanical Engineering, University of Shanghai for Science and Technology, Shanghai 200093, China

Dr. Christoph Bleicher

Department of Materials and Components, Fraunhofer Institute for Structural Durability and System Reliability LBF, 64289 Darmstadt, Germany

---

### Deadline for manuscript submissions

31 December 2026



## Vehicles

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 5.3



[mdpi.com/si/258038](https://www.mdpi.com/si/258038)

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

[mdpi.com/journal/  
vehicles](https://www.mdpi.com/journal/vehicles)





# Vehicles

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 5.3



[mdpi.com/journal/  
vehicles](https://www.mdpi.com/journal/vehicles)

## About the Journal

### Message from the Editor-in-Chief

---

### Editor-in-Chief

Prof. Dr. Mohammed Chadli

Department UFR Sciences and Technologies, Université Paris-Saclay,  
91020 Evry, France

---

### Author Benefits

#### High Visibility:

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

#### Journal Rank:

JCR - Q2 (Engineering, Mechanical) / CiteScore - Q2 (Automotive Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.4 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the second half of 2025).

