



Modeling, Design, Analysis and Management of Embedded Control Systems for Automated Driving

Guest Editors:

Dr. Dejiu Chen

Dr. Fredrik Warg

Dr. Anders Thorsén

Dr. Anders Cassel

Deadline for manuscript
submissions:

28 February 2026

Message from the Guest Editors

Embedded Control Systems (ECS) constitute the key enabling technology for autonomous agents and multi-agent systems. The aim is to allow a wide range of intelligent features, relating to the operation perception, situation reasoning, action planning and actuation of physical processes and human behaviors, through the integration of advanced functions, embedded software and hardware.

This Special Issue focuses on the modeling, design, analysis and management of ECS for Automated Driving (AD) vehicles. We solicit high-quality articles presenting original and unpublished results of conceptual, theoretical, and empirical research relating to system specifications, quality management, safety and reliability engineering. We also especially welcome industrial insights, experiences and practices regarding post-deployment-time data collection and analysis for safety certification, product-line and lifecycle management.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Willy Susilo

School of Computer Science and
Software Engineering, University
of Wollongong, Northfields
Avenue, Wollongong, NSW 2522,
Australia

Message from the Editor-in-Chief

The concept of *Information* is to disseminate scientific results achieved via experiments and theoretical results in depth. It is very important to enable researchers and practitioners to learn new technology and findings that enable development in the applied field.

Information is an online open access journal of information science and technology, data, knowledge and communication. It publishes reviews, regular research papers and short communications. We invite high quality work, and our review and publication processing is very efficient.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [Ei Compendex](#), [dblp](#), and [other databases](#).

Journal Rank: JCR - Q2 (Computer Science, Information Systems) / CiteScore - Q2 (Information Systems)

Contact Us

Information Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/information
information@mdpi.com
[X@InformationMDPI](https://twitter.com/InformationMDPI)