

## Special Issue

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

### 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 We solicit high-quality articles presenting original and unpublished results of conceptual, theoretical, and empirical research relating to system specifications, quality management, safety and reliability engineering.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.

### Guest Editors

Dr. Dejiu Chen

Dr. Fredrik Warg

Dr. Anders Thorsén

Dr. Anders Cassel

### Deadline for manuscript submissions

closed (28 February 2026)

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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.

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### Editor-in-Chief

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