



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

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Deadline for manuscript  
submissions:  
**closed (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 We solicit high-quality articles presenting original and unpublished results of conceptual, theoretical, and empirical research relating to system specifications, quality management, safety and reliability engineering.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.





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## Message from the Editor-in-Chief

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