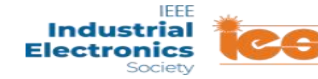




5th IEEE International Conference on Sustainable Energy and Future Electric Transportation (IEEE SeFet 2025)

09 July - 12 July, 2025, Jaipur, Rajasthan INDIA



Call for Papers for Special Session Track on

SS 15: Integration of Digital Twin in Electric Vehicle Control System

Note: 100% accepted and presented papers will be forwarded to IEEE Transactions on Industry Applications for further review

Submission

- ❖ Login on <https://cmt3.research.microsoft.com/SEFET2025/Submission/Manage>
- ❖ Select Special Session as **"Integration of Digital Twin in Electric Vehicle Control Systems"**

Last Date of Submission
30 JAN 2025

Topics of the Session but not Limited to

- ❖ Digital Twin for Predictive Maintenance in EVs
- ❖ Digital Twin for Real-Time Battery State-of-Health (SoH) Monitoring
- ❖ Vehicle-to-Everything (V2X) Communication Integration
- ❖ Digital Twin-Enabled Autonomous Driving Control Systems
- ❖ Cybersecurity Framework for EV Control Systems
- ❖ Fault-Tolerant EV Control via Digital Twin
- ❖ Integration of Digital Twin and IoT for Fleet Management
- ❖ Digital Twin-Driven Charging Management

- ❖ Digital Twin for Thermal Management in EV Batteries
- ❖ Augmented Reality (AR) Integration with Digital Twin for EV Diagnostics
- ❖ Real-Time Driving Behaviour Optimization
- ❖ Digital Twin for Multi-Physics Simulation in EV Design
- ❖ Digital Twin in Connected EV Ecosystems
- ❖ Digital Twin for Personalized EV Control Systems
- ❖ Digital Twin-Assisted Lifecycle Assessment of EVs

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