2025 IEEE/AIAA Transportation Electrification Conference and Electric Aircraft Technologies Symposium (ITEC+EATS)

Since 2012, ITEC has served as IEEE's premier conference on transportation electrification, fostering connections between industry and academia. In 2025, ITEC will again be joining forces with AIAA/IEEE Electric Aircraft Technologies Symposium (EATS) and be held at the Anaheim Marriott in Anaheim, California on June 18-20, 2025, which is within walking distance to Disney California Adventure Park and many places of interests. ITEC+2025's main theme will be "Intelligent and Sustainable Electrification of Transportation", with the mission of filling gaps in state-of-the-practice transition from conventional vehicles to advanced mobility technologies. Moreover, ITEC+2025 will introduce the following new ideas:

- Fast-review tracks for authors with visa needs or lengthy approval processes
- Poster sessions for authors to present published IEEE Transactions on Transportation Electrification papers in 2024 and 2025
- Industry-submitted digests will be automatically considered for industry sessions if not accepted for full papers

ITEC+EATS IS ACCEPTING PAPER DIGESTS PROSPECTIVE AUTHORS ARE INVITED TO SUBMIT THROUGH THE CONFERENCE WEBPAGE (WWW.ITEC-CONF.COM)

PAPER PROPOSALS ARE BEING INVITED IN THE FOLLOWING OR RELATED TECHNICAL TRACK TOPIC AREAS:

1. Power Electronics and Motor Drives
2. Electric Machines and Actuators
3. Battery, Fuel Cell, Hydrogen, and Other Energy Storage
4. Superconducting and Cryogenic Systems and Components
5. System Dynamics, Modeling, and Control
6. Mission Operation: Energy, Cost, Emissions, and Thermal Management
7. Connected and Autonomous Vehicles, Smart Mobility, and Vehicle Functional Security
8. Powertrain Architectures: Design, Integration, Packing, and Optimizaion
9. Electrification of Heavy Duty and Off-Road Vehicles
10. Design and Optimization for Electrified Airplane, Space, Sea, and Undersea Transportation
11. Rapid Prototyping, Real-Time Simulation, HIL and SIL, Verification, Validation and Testing
12. Smart and Micro Grids, EV-Interacting Grids
13. Battery Chargers: Onboard, Wireless, Fast, and Ultra-Fast
14. Safety, Diagnostics, Reliability, Failure and Fault Mode Protection, and EMI
15. Codes, Certification, Standards, Policies, and Regulations; EcoCAR
16. Published IEEE Transactions on Transportation Electrification Papers in 2024 and 2025 (Poster Only)

KEY DATES: (Actual deadline dates are subject to change, this list is for guidelines only)

- Paper proposal digest submission deadline - FINAL EXTENSION! December 20, 2024
- Author's notification of acceptance - February 28, 2025
- Final manuscript submission deadline - April 1, 2025
- Author Registration Deadline - April 1, 2025