



ANNUAL CONFERENCE OF THE IEEE INDUSTRIAL ELECTRONICS SOCIETY

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Special Session on Reliable Converter Architectures for EV Charging Systems

Organized and co-chaired by:

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Call for Papers

Technical Outline of the Session and Topics:

Embark on an immersive journey through the future of transportation at our conference, where we explore Electric Vehicles (EVs) and delve into Power Converter Topology and Control. Uncover the latest advancements in EV technology, from drive systems to battery management, in sessions designed to spark innovation. Navigate the intricate landscape of power converter topologies and control mechanisms crucial for optimizing EV performance. Join industry leaders, researchers, and enthusiasts in dynamic discussions on PWM-controlled converters and cutting-edge control strategies. This conference is your gateway to the forefront of electric mobility, fostering collaboration and shaping the next era of sustainable transportation. Don't miss the opportunity to drive change – join us and be part of the electric revolution!

Topics of the Session include, but are not limited to:

- Electric Vehicle (EV) Technology Advancements
- Innovative Power Converter Topologies
- Battery Management System (BMS) Evolution
- Integration of EVs into Smart Grids
- Power electronics' impact on charging station design
- Charging Technologies and Standards
- Grid to vehicle and vehicle to the grid system
- Battery Swapping and Service Model

Author's schedule:

Deadline for submission of special session papers April 15, 2024
Notification of acceptance June 10, 2024
Deadline for submission of final manuscript July 01, 2024
Early submission is highly encouraged for early decision notifications!

All the instructions for paper submission are included in the conference website:

www.iecon-2024.org



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