
International Conference on Emerging Electronics (ICEE) 2025

13–16 December 2025 | Hilton Bengaluru Manyata Business Park, India | Diamond Sponsor

LTSCCT participated as the **Diamond Sponsor** of the **7th International Conference on Emerging Electronics (ICEE) 2025**, reinforcing its commitment to advancing semiconductor innovation and fostering collaboration across industry, academia, and research communities. Organized by the **IEEE Electron Devices Society**, the conference brought together leading researchers, industry experts, technologists, and policymakers to discuss emerging trends and breakthroughs in semiconductor devices, circuits, systems, and advanced electronics.

Highlights

Plenary Address

Speaker: Chief Executive, LTSCCT

Topic: *Catalyzing AI's Next Wave: Semiconductor Innovation at Every Layer*



Tutorial Session

Speaker: Head – Wide Bandgap Technologies & Product Development, LTSCCT

Topic: *Power Semiconductor Devices*



Technical Poster Presentations

Theme: Modelling & Simulation

Topic: *AMS Verification Automation: Methodology and Comparative Study*

The presentation highlighted approaches to automating Analog Mixed-Signal (AMS) verification processes, improving design efficiency, and enhancing validation methodologies for complex semiconductor systems.

Theme: ESD Devices and Circuits

Topic: *Best Practices with AI-Assisted Robust Analog Layout for Mixed-Signal ICs with ESD Protection*

The presentation explored the application of AI-assisted methodologies in analog layout design, demonstrating best practices for improving robustness, optimizing performance, and strengthening ESD protection in mixed-signal integrated circuits.

Through its sponsorship and technical contributions, LTSCCT strengthened its position as a key contributor to semiconductor research and innovation while actively engaging with the broader electronics and semiconductor community.