



The 15th IEEE International Conference on Power Electronics and Drive Systems

21 - 24 July 2025, Penang Malaysia

CALL FOR PAPERS

The 15th IEEE International Conference on Power Electronics and Drive Systems (**PEDS 2025**) will be held in **Penang, Malaysia** on 21 – 24 July 2025. The conference is a biennial event and is recognized as one of the major series of conferences in power electronics and drive systems. PEDS 2025 continues to retain its tradition of high-quality conference and will open up an opportunity for academics and industrial professionals worldwide to exchange their knowledge of the state-of-the-art power electronics and drive technologies and applications. The 4-day programme will feature tutorials and technical paper presentations. Accepted papers will be submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements.

The **range of technical topics** includes but not limited to:

- Power semiconductors, Power Integrated Circuits (PIC), passive components and packaging technologies
- Wide bandgap semiconductor technologies
- Motor drives and motion control
- Analysis and design of electrical machines
- Hard-switching and soft-switching static power converters and UPS
- Applications of power electronics in power system
- Power quality issues, harmonic problems and solutions
- EMI/EMC issues
- Traction and automotive systems
- Applications of power electronics in home appliance, industry and aerospace
- Renewable and Sustainable energy technologies
- Distributed generation and smart-grid
- Modelling and simulation in power electronics
- Power electronics related education/professional development
- Bio-medical power electronics
- Telecommunications power supplies
- Micro-electromechanical systems (MEMS)
- Power electronic emerging technologies

Prospective authors are invited to submit a **full paper** in two column text font size 10pt of no more than 5 pages including figures and references. The submission must clearly state: the purpose of the work; the manner and degree to which it advances the art; and specific new results that have been obtained and their significance.

Author's Schedule

Prospective authors should note the following deadlines. Please mark these dates in your calendar.

- **Full paper submission deadline: 15 January 2025 (Submission website opens in July 2024)**
- **Notification of paper acceptance: 1 March 2025**
- **Final paper submission and Author's Registration deadline: 30 March 2025**

Conference website URL: <http://www.ieee-peds.org>

Jointly Organized by **IEEE Malaysia PELS Chapter** and **IEEE Singapore Section IA/PEL Chapter**

