



## IEEE International Electric Machines and Drives Conference (IEMDC 2025) Call for Tutorials

**December 1<sup>st</sup>, 2024 – Tutorial Proposal Due**  
**January 27<sup>th</sup>, 2025 – Notification of Acceptance**  
**May 1<sup>st</sup>, 2025 – Full Tutorials Materials Due**

The 2025 IEEE International Electric Machines and Drives Conference (IEMDC 2025) seeks to address all aspects of design, operation, control, and systems integration of electric machines, electromechanical actuators, and the controls and power electronic drives that implement their applications.

A diverse portfolio of tutorials are solicited for IEMDC 2025: 1) Fundamental knowledge in a particular subfield of electric machines and drives; 2) Emerging technologies of electric machines and drives in either breakthroughs or new applications; 3) Industry skillsets or tools on electric machines and drives with knowledge beyond textbooks or academic papers. Technical topics of interest include but are not limited to: machines and drives applications in automation and robotics, technical challenges in medium voltage machines and drives, and artificial intelligence applications in electric drives. All tutorials will be held on **Monday, May 18, 2025**, either morning or afternoon. Each tutorial is 3 hours long, excluding break times. *Each accepted tutorial will receive one free registration with an honorarium of \$1,000 to be split between presenters.* Publication of a technical paper that is related to the tutorial will require a paid full registration. Presenters should be ready to present in-person, if circumstances permit, and/or online.

One or more of the following elements are strongly encouraged in the tutorial proposals:

1) Industry-led or co-hosted lectures; 2) Interactive instructor-audience approaches, including hands-on; 3) IEMDC 2025 regionally oriented topics; 4) Collaborative cross-disciplinary topics or teams; 5) Other creative topics or formats that engage the audience.

Factors considered as less attractive to the audience are: 1) Narrowly focused topics; 2) Theory heavy lectures; 3) Similar tutorial topics or teams from the immediate past IEMDC, ECCE or other major recent conferences in this area; 4) Solicitation of a particular product or service.

Potential topic areas include but are not limited to:

- Rotating Electrical Machines
- Electrical Drives
- Special Machines, Electromagnetic Actuators and Sensors
- Thermal, Materials and Efficiency Issues and Cutting-Edge Technologies
- Artificial Intelligence based Design, Control or Condition Monitoring
- Transportation Applications- High Power and High Torque Densities
- Energy and Grid-Connected Applications- High-Performance and High-Efficiency

**Proposal Submission and Review Process:** All tutorial proposals should be submitted in pdf format via email to Tutorial Co-chairs: Taner Goktas ([taner.goktas@deu.edu.tr](mailto:taner.goktas@deu.edu.tr)) and Bilal Akin ([bilal.akin@utdallas.edu](mailto:bilal.akin@utdallas.edu)). Please follow the tutorial proposal application format on the website. The proposals will be reviewed by a panel of subject matter experts.