

2025 IEEE 4th International Conference

on

Smart Technologies for Power, Energy and Control (STPEC 2025)

Date : December 10-13, 2025

**Venue: Department of Electrical and Electronics Engineering,
National Institute of Technology Goa, Goa, India - 403703**



IEEE International Conference on Smart Technologies for Power, Energy and Control (STPEC) is the flagship conference of IEEE Bombay Section Joint Chapter of PELS/IES. Previous versions of STPEC were held in the years 2020 (VNIT Nagpur India), 2021 (CEC Bilaspur India) and 2023 (KIIT Bhubaneswar India). The 4th STPEC is scheduled to be held at National Institute of Technology, Goa, India during 10-13 Dec 2025. This conference is Financially Sponsored by IEEE Industry Applications Society (IAS), IEEE Power Electronics Society (PELS) and Technically Sponsored by IEEE Industrial Electronics Society.

All presented papers will be archived in IEEE Xplore and will be eligible for further review for publication in IAS Transactions and Magazine.



• Topics

- T1 - Power Systems and Smart Grids
- T2 - Electrical Machines and Industrial Drives
- T3 - Power Electronic Converters
- T4 - Renewable Energy & Energy Storage Systems
- T5 - Transportation Electrification & Automotive Technologies
- T6 - Control and Automation

• Keynote Speaker



Dr. Huang-Jen Chiu
Distinguished Professor
Dept. of Electronic and Computer Engineering
National Taiwan University of Science and Technology



Prof. Jih-Sheng (Jason) Lai
James S. Tucker Professor
Bradley Department of Electrical & Computer Engineering
Virginia Polytechnic Institute and State University

• Important Dates

- Paper Submission Opens : 1 Feb. 2025
- Deadline for full paper submission: 31 May, 2025
- Notification of acceptance: 31 July, 2025

• International Advisory Committee

- Dr. Frede Blaabjerg, Denmark
- Dr. J W Kolar, Switzerland
- Dr. Drazen Dujic, Switzerland
- Dr. Sun Jian, USA
- Dr. Huai Wang, Denmark
- Dr. Dmitri Vinnikov, Estonia
- Dr. Patrick Wheeler, UK
- Dr. Alan Mantooth, Arkansas
- Dr. Hadi Kanaan, Beirut
- Dr. Prasad Enjeti, USA
- Dr. Subhashish Bhattacharya, USA

• Organizing Committee

Patron: Dr. O. R. Jaiswal, Director, NIT Goa

Honorary Chairs: Dr. Andy Knight, Canada
Dr. Avoki Omekanda, USA
Dr. Milos Manic, USA
Dr. Yang Shi, Canada
Dr. Brad Lehman, USA
Dr. Frede Blaabjerg, Denmark

IEEE IAS Representative: Dr. Akshay Rathore, Singapore

General Chairs: Dr. Huang-Jen Chiu, NTUST, Taiwan
Dr. Pradyumn Chaturvedi, VNIT Nagpur

General Co-Chairs: Dr. Suresh Mikkili, NIT Goa

Organizing Chairs: Dr. Soumitra Das, NIT Goa
Dr. Amol Rahulkar, NIT Goa

Conference Secretary: Dr. C. Vyjayanthi, NIT Goa

Technical Program Chairs: Dr. Patrick Wheeler, NU, UK
Dr. Sunanda Sinha, MNIT Jaipur
Dr. K Ramsha, VNIT Nagpur
Dr. Trilochan Panigrahi, NIT Goa

Publication Chairs: Dr. Siba Kumar Patro, IIT Roorkee
Dr. Ragoju Ravi, NIT Goa

Finance Chairs: Dr. Sreeraj E S, NIT Goa
Dr. Prasenjit Dey, NIT Goa

Publicity and Website Chairs: Dr. Chirag Modi, NIT Goa
Dr. Sarani Mondal, NIT Goa

Registration Chairs: Dr. Venkatanarashbabu Kuppili, NIT Goa
Dr. Harikumar, NIT Goa