

We invite submission of **Abstracts** in the following areas from Students and Post Doctoral Researchers:

Research and Development Topics: These will describe high-impact academic research relating to the conference topics, outlined below:

- Semiconductor and Passive Devices
- Packaging and Interconnection
- Converters, Electric Machines and Drives
- Control, Test and Reliability
- PEMD Related Applications



All abstracts received by the submission deadline will be evaluated by the Technical Committee. Abstracts covering a balanced range of the main conference topics will be selected for **Poster Presentation** in the Exhibition Area for the Conference. Up to **6 Abstracts** from **PhD Students** will also be selected for **Oral Presentation** in the Main Conference, each with a 5 minute presentation and opportunity for Questions and Answers.

Conference Topics

Semiconductor and Passive Devices	Packaging and Interconnection	Converters, Machines, Drives and Applications	Control, Test and Reliability
<ul style="list-style-type: none"> • SiC Devices • GaN Devices • Si Devices • Emerging WBG Devices • Capacitors • Inductors • Resistors • Other Passive Devices 	<ul style="list-style-type: none"> • Die Attach • Sintering • Wire/Ribbon Bonding • Laser Welding • Encapsulation • Embedding Devices • Novel Materials • Thermal Management 	<ul style="list-style-type: none"> • Power Converters • Electric Machines and Drives • Converter Machine Integration • Wireless Power Transfer • Renewable Power Generation • Energy Storage and Management • Renewables Grid Integration • Super-conducting Machines and Converters • Other PEMD Related Areas and Applications 	<ul style="list-style-type: none"> • Device Characterisation • Environmental Testing • Lifetime and Reliability Prediction • Degradation and Failure Mechanisms • Switching Performance • High Current and Voltage Testing • Converter Topology and Control • Control of Electric Machines

Those wishing to present a Poster should submit a title and abstract of no more than 200 words via the following form: [Click Here](#). Those completing the Form as PhD students can indicate whether they would also like to be considered for a 5-minute Oral Presentation. Click on the [Centre for Power Electronics](#) for further information.

Deadlines

Abstract submission (200 words)	Friday 24 th February 2023
Acceptance of Abstracts for Oral and Poster Presentation	Friday 24 th March 2023
Confirmation of Intent to Present at CPE2023	Friday 28 th April 2023
Submission of Final Oral and Poster Presentation	Friday 23 rd June 2023