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ASIA SHENZHEN

26 – 28 August 2026

Shenzhen World Exhibition and Convention Center, China

PCIM Asia Shenzhen – International Exhibition and Conference for Power Electronics, Intelligent Motion, Renewable Energy and Energy Management

Call for Paper 2026

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» Being able to identify the industry's development trends, this makes the conference even more important for industry players to focus on developing the right products and technologies to meet the demands of the future. «

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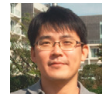

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As the leading international exhibition and conference for power electronics, the PCIM Asia Shenzhen Conference is the international meeting point for industry and academia. This combination is what makes this event unique.

Join us and inspire others with your ideas!

Maximum visibility in the power electronics community

As a speaker at the PCIM Asia Shenzhen Conference, you will draw the attention of more than 500 participants to your research topic. Do take the opportunity to present your publication in Shenzhen and enter into direct exchange on your topic with representatives both from industry and academia!

- Publishing of your paper in the PCIM Asia Shenzhen Conference proceedings as well as databases like EI Compendex, IEEE Xplore, IET Inspec-Direct and Scopus.
- Visibility by presenting your scientific work to more than 500 participants.
- Direct feedback on your topic from experts of industry and academia.
- Networking and making new valuable contacts in the power electronics community.
- Market overview at the highly relevant exhibition with all representatives from the industry.

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Submission requirements available at
www.pcimasia-expo.com

Deadlines to note

- Submission of abstract until **4 March 2026**
- Notification of acceptance in **May 2026**
- Submission of full paper before **20 June 2026**

* The presentation language is ENGLISH

Your chance to win an award

The awards will be selected by the Advisory Board from the accepted papers, and will be granted at the conference award ceremony.

pcim ASIA SHENZHEN Best Paper Award

1 winner
Prize with RMB 8,000

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All details at
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Conference topics

1. Advanced Power Semiconductors

1.1 High Power Semiconductors
1.2 MOSFETs, IGBTs, FREDs & Schottkys
1.3 Power Modules and Power Hybrids
1.4 SiC Devices
1.5 GaN Devices
1.6 Other Wide Bandgap Devices
1.7 Power Supply Control IC and Power Management ICs
1.8 Gate Driver and Device Protection
1.9 IPM and Power Electronic Building Blocks

2. Packaging and Reliability

2.1 Packaging and Interface Technologies
2.2 Advanced Cooling Systems
2.3 Thermal Management and Simulations
2.4 Power Electronic Components Reliability and Life Time Prediction
2.5 Power Embedding
2.6 High Power Density Designs
2.7 Design Automation and Methodology

3. Passive Components and Integration

3.1 Higher Frequency and Low Loss Materials & Techniques for Inductors and Capacitors
3.2 Planar Inductors and Transformers and Thin Film Magnetic Component
3.3 Filters and Passive Integration

4. AC/DC Converter

4.1 High Efficiency/High Density Power Converters/Inverters
4.2 Resonant and Quasi Resonant Topologies for Power Supplies
4.3 Stand-alone Power Supplies (Adapters) and on Board Supplies
4.4 New Topologies (Single Switch, Phase Shift, ZVS, ZCS, ZVZCS)

5. DC/DC Converter

5.1 DC/DC Converter Topologies for Enhanced Efficiency and Control
5.2 Synchronous Rectification
5.3 Smart Battery Management Concepts
5.4 Point of Load Converters
5.5 New Topologies for Distributed Power Supply Systems (Single or Multi- Stage Architecture, ZVS, ZCS, ZVZCS)

6. Digital Power Conversion

6.1 PMBus and other Digital Power Control Protocols
6.2 Digital Control for Power Converters
6.3 Advantages of Digital Power Conversion and Associated Challenges
6.4 System on a Chip (SOC)
6.5 Energy Harvesting

7. Motor Drive & Motion Control

7.1 Home Appliances
7.2 Small Power Motor "General Purpose Drive" with Highly Sophisticated Control Strategies and Low Cost Solutions
7.3 New Converter/Inverter Types for Single- and Three Phase Systems
7.4 Advanced Motor Concepts for Industrial Application and Traction Drives
7.5 New Control Architectures DSP, Microcontroller or FPGA
7.6 Advanced Sensor Concepts for Motor Drives
7.7 Intelligent Motion Control and Architecture

8. High Frequency Power Electronic Converters and Inverters

8.1 Thermal Design, Packaging and EMI Issues
8.2 Sensors Specific to Power Electronics (e.g. Voltage, Current, Power, Frequency, Phase, Temperature)
8.3 Techniques to Reduce Switching Losses to Improve Efficiency and Reduce Size and Weight
8.4 Wireless Power Transfer

9. Automotive Power Electronics and Electrified Transportation

9.1 Hybrid / Electric Vehicle
9.2 MOSFET, IGBT and SiC Modules in Motor Traction and Propulsion Applications
9.3 DC/DC Conversion in Transportation Systems
9.4 Bidirectional DC/DC Converters
9.5 Electronics for Powertrain and Power Management
9.6 Energy Storage and Management, including Battery Types, Super Capacitors and Fly Wheels
9.7 DC Circuit Breaker
9.8 Charging Station Technology

Conference topics

10. System Reliability

10.1 Reliability and Health Management of Power Electronic Components and Systems

10.2 Fail-safe and Fault-tolerant Applications

10.3 Redundancy Concepts in Power Electronics

10.4 Life Cycle Design and Cost Analysis

11. Power Quality Solutions

11.1 UPS Systems and Inverters

11.2 Active Power Filter (APF), DVR, SVG

11.3 Energy Storage System (Battery Technologies, Flywheel, Super (ultra) Capacitors)

11.4 Harmonics and Power Factor Correction

11.5 Electromagnetic Compatibility and Immunity

12. Smart Grid Power Electronics

12.1 Grid Inverter Control

12.2 Battery Charging and V2G

12.3 Energy Storage System and Control

12.4 Micro-Grid

12.5 Solid State Transformers

12.6 Medium Voltage Multilevel Converters

12.7 Modular Multilevel Converters

12.8 Novel Converter Topologies

12.9 Wind Energy Systems

12.10 Solar and Photovoltaic Energy Systems

12.11 Communication, Cyber Security and Artificial Intelligence

13. Power Electronics in Transmission Systems

13.1 FACTS

13.2 Converters for Offshore/Onshore HVDC Links

13.3 Power Generation, Transmission and Distribution

13.4 DC Grids

13.5 HVDC Systems

13.6 Digital Twin for Transmission Equipment

14. AI in Power and Energy Systems

14.1 Smart Grid Management using AI
14.2 AI in power Load Balancing
14.3 Intelligent Fault Detection and Diagnostics
14.4 Predictive Maintenance of Electrical Infrastructure

15. AI in Renewable Energy Systems

15.1 Intelligent control of battery energy storage systems

16. AI in Electrical Machines and Drives

16.1 Machine Learning for fault diagnosis in induction motors
16.2 Predictive maintenance of electrical machines

17. AI in Power Electronics

17.1 AI based control of DC-DC And AC-AC Converters
17.2 Intelligent inverter design for grid-tied applications
17.3 Fault detection in power electronic circuits using AI
17.4 Predictive thermal management in power modules
17.5 AI-optimized switching strategies to reduce harmonics

18. AI in power Quality Monitoring

18.1 AI for classification of power failure probability

19. AI in Electric Vehicle (EV) Power Systems

19.1 Smart charging infrastructure using AI
19.2 Battery State of Health (SoH) and State of Charge (SoC) prediction
19.3 AI-based powertrain optimization
19.4 Load management of EV charging in smart grids

Prominent Conference Speakers in 2025

* No specific order

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