



3D-PEIM



CALL FOR PAPERS

**5th International Symposium on
3D Power Electronics Integration and Manufacturing (3D-PEIM)
Golden, CO, USA | July 8–10, 2025**

This symposium—sponsored by the Power Sources and Manufacturers Association (PSMA) and hosted by the National Renewable Energy Laboratory (NREL)—brings together practitioners and researchers in the power electronics industry to discuss, identify, and roadmap developments in circuits and systems enabled through advancements in 3D circuits, packaging, integration, and manufacturing technologies. The symposium consists of *oral presentations sessions and a poster session*.

Please join us and hear our plenary presenters:

“The Power Delivery and Energy Storage Challenge in Advanced Packaging”

by Dr. Subramanian Iyer, University of California at Los Angeles

“Beyond 2030: Powering the E-Powertrain with High-Value and High-Efficiency Power Conversion Systems—A BorgWarner Perspective”

by Harsha Nanjundaswamy, BorgWarner

“Advanced Packaging to System Integration – Trends and Challenges”

by Dr. Devan Iyer, IPC

Abstract submission for this Call for Papers is open from **September 16–November 01, 2024.**

Papers will be presented in either the oral presentation sessions or the poster session. We encourage invited presenters to submit their work as papers as well. Abstract acceptance notifications will be made by December 15, 2024. Drafts of full papers will be due on February 15, 2025.

Papers and your attendance are sought to stimulate interactions in the following topics:

- Technologies for enabling 3D Manufacturing of Integrated Power Electronics
- Characterization and Modeling advancements for manufacturing and design
- Development of new enabling Passive Components, Interconnects, Materials, and Thermal Management technologies
- System and Board-level Module Integration and Packaging

For more information, please check the Symposium website: <https://3d-peim.org>.

Questions pertaining to the 2025 3D-PEIM Symposium may be addressed to:

General Chair: Dr. Faisal Khan, National Renewable Energy Laboratory
Technical Program Chairs: Dr. Sreekant Narumanchi, National Renewable Energy Laboratory
Dr. Jason Rouse, Taiyo America, Inc.

For additional information, contact our Technical Program Co-Chair:
Dr. Sreekant Narumanchi | sreekant.narumanchi@nrel.gov | 303-275-4062