

# 6<sup>th</sup> International Symposium on 3D Power Electronics Integration and Manufacturing (3D-PEIM) CALL FOR PAPERS Tempe, AZ, USA | November 17-19, 2026

This symposium brings together practitioners and researchers in the power packaging to discuss, identify, and roadmap developments in power systems enabled through advancements in 3D packaging, integration, and manufacturing technologies.

We invite you to join us and hear from our plenary speakers!

- **Madhavan Swaminathan**, *Pennsylvania State University*
- **Rinkle Jain**, *NVIDIA*
- **Cian O Mathuna**, *Tyndall National Institute*
- **Yi Zheng**, *Applied Materials*
- **Kaladhar Radhakrishnan**, *Intel*
- **Stephen Coates**, *Yuxuan Semi*

**Authors are invited to submit abstracts covering the following topics:**

Topic	Description
Advanced Packaging & 3D Integrated Modules	3D, 2.5D, 2D Advanced Packaging, Wafer Level Packaging, Converter Integration, Module Integration, Bonding Technologies, Manufacturing Technologies, WBG + Substrates + Control + Sensing Integration
Materials for Advanced Packaging	Materials for 3D Heterogeneous Integration: WBG, Substrate, Insulation, Die Attach, Interconnect and Conductor, Encapsulation, Baseplate, Stress Relieving, Nano-, Emerging, and Magnetic Materials
Thermal Management	Active & Passive Cooling Technologies, Single, Double Sided, & Multilevel Cooling Technologies, Cold Plates, Microchannels, Phase Change Materials, Metrology Techniques for Thermal Management
Design, Modeling & Simulation	Co-Design, Multiphysics Modeling, AI/Machine Learning, Optimization, Software Tools for 3D Heterogeneous Integration
Reliability & Failure Analysis	Reliability of 3D Power Components and Systems, Failure Analysis, Prognostics and State-of-Health Techniques, Metrology Techniques for Reliability Assessments
Passive Components	Inductors, Transformers, Capacitors, Sensors, etc. for 3D Power Integration
Power Delivery & Energy Storage	Power Distribution Networks, Back-Side Power Delivery, Vertical Power Delivery, Integrated Energy Storage Techniques, Energy Harvesting

## IMPORTANT DATES

### April 6, 2026

Website opens for abstract submission

### May 8, 2026

Abstract Submission Deadline (1-page text & 1-page figures)

### June 5, 2026

Notification of Abstract Acceptance

### August 7, 2026

Full Paper Submission Deadline

## CONFERENCE COMMITTEE

### General Chair:

Christopher Bailey, ASU

### Technical Program Chairs:

Chanyeop Park, ASU

Matt Wilkowsky, Würth Elektronik

### Organizing Committee:

Brian Narveson, PSMA

Hongbin Yu, ASU

Doug Hopkins, NCSU, PSMA

Leslie Hwang, ASU

Vikas Gupta, PSMA

For more information, please check the symposium website:

<https://3d-peim.org>.

## About SkySong, Arizona State University



Arizona State University (ASU) was established as the Territorial Normal School at Tempe on March 12, 1885. The university's charter emphasizes advancing research of public value, inclusion, and community engagement. ASU's mission is to serve as a leading American center for innovation, entrepreneurship, and sustainability, and to drive regional economic competitiveness through research and discovery.



SkySong, the ASU Scottsdale Innovation Center, is home to a thriving business community that links technology, research, education, and entrepreneurship to position ASU and greater Phoenix as global leaders in the knowledge economy. SkySong is a 1.2 million-square-foot mixed-use development located on a 42-acre campus in Scottsdale, Arizona.

## MacroTechnology Works Tour



MacroTechnology Works (MTW) facility at ASU is a one-of-a-kind asset among U.S. universities. MTW operates as a semiconductor fabrication facility working at industry-standard size and specifications. MTW serves as a working lab, fostering collaborations with industry partners in the private sector, from budding startups to established multinational corporations and semiconductor companies.

## Gala Dinner at Botanical Garden (11/18, Wednesday Evening)



Discover the Desert Botanical Garden in Phoenix, Arizona, and experience the vibrant tranquility of desert plants nestled amid the red rocks of the Sonoran Desert.