



Lam Capital Venture Competition

May 21, 2026 | Lam Research HQ, Fremont, California

 **CALL ALL STARTUPS BUILDING THE AI BACKBONE** 

Applications Now Open – 2026 Lam Capital Venture Competition

[APPLY HERE](#)

About Lam Capital

Lam Capital is the venture investment arm of Lam Research. For more than 10 years, Lam Capital has focused on supporting early-stage companies building foundational technologies for advanced semiconductor manufacturing. Lam Capital partners with university spinouts, faculty-led ventures, and deep-technology startups developing innovations across materials, devices, systems, and AI-enabled manufacturing. Startups benefit from Lam’s deep technical expertise and understanding of real-world manufacturing challenges, with pathways to validate and scale technologies relevant to next-generation semiconductor and advanced industrial ecosystems. Lam Capital is long-term oriented and invests in companies advancing the semiconductor industry of the AI era.

About the Program

The program was launched in 2019, and it has attracted more than 150 companies globally to attend so far. Now entering its 4th event, the competition has become a cornerstone of Lam’s innovative culture. In 2026, Lam Capital will invest \$1 million collectively to support startups through this program, reinforcing our mission to drive semiconductor breakthroughs that define the next generation of semiconductor industry.

[2026 Lam Capital Venture Competition](#)

Lam Capital is accepting applications for the 2026 Lam Capital Venture Competition, with the theme of **Building the AI Backbone**, the physical and digital infrastructure that enables AI at scale. We invite student-led startups, faculty spinouts, and early-stage deep-tech companies that have ideas, products, services and solutions in these areas:

Advanced Semiconductor & Systems Technologies

- Advanced Packaging & Heterogeneous Integration
- Compound Semiconductor & CMOS Integration
- High-Bandwidth Interconnects
- Integrated Optics & Photonics
- 2D Materials and Novel Processes
- Quantum Computing

AI-Enabled Design & Manufacturing


- Robotics for Autonomous Manufacturing
- Smart Tools, Sensors & Digital Twin
- AI for Process and Manufacturing Control
- AI for Physical Design & Simulation
- AI for Materials Design & Discovery
- Physical AI

Productivity & Sustainability

- Higher Manufacturing Productivity Solutions
- Sustainable Technologies for Advanced Manufacturing

Why Apply?

- Pitch your technology to >250 leading investors, startups, and technology innovators
- Engage and network with a highly technical audience focused on real-world deployment

 **The winning team will receive a \$250,000 investment from Lam Capital.**

Following an application and review process, a select group of finalist teams will be invited to participate in an **in-person pitch event held on May 21, 2026, in Fremont, California.**

 Eligibility: Students, faculty, researchers, and university-affiliated startups

 **Questions?** Reach out to lamcapital@lamresearch.com

 **Submission Deadline: March 15, 2026**

[APPLY HERE](#)