ASU Southwest Advanced Prototyping Hub
Arizona State University

Semiconductor Solutions Challenge 2026

Solve real-world challenges in the semiconductor industry.

$1,000 prize

Why join?

Solve real-world semiconductor challenges

Gain hands-on, resume-ready experience

Network with industry professionals

Who can participate

- Participants may register **individually or as a team** (maximum of 4).

- Currently enrolled as an **undergraduate or graduate student** at an accredited college or university in the United States.

Note: This is a hybrid event. Students nationwide are encouraged to apply.

Scan the QR code or use the link to learn more.

Student Registration

Problem options

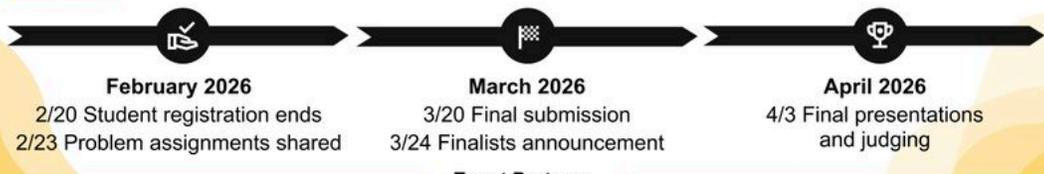|	
A Small Sample Learning for Defect Classification	**B** Polymer Thickness Uniformity Prediction for Semiconductor Packaging Processes
C Automating DRC-Clean Layout at Standard-Cell / Memory Macro Interfaces	**D** Machine Learning for Static Voltage Drop Prediction

Timeline

February 2026
2/20 Student registration ends
2/23 Problem assignments shared

March 2026
3/20 Final submission
3/24 Finalists announcement

April 2026
4/3 Final presentations and judging

Event Partners

Sandia National Laboratories

intel

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Have questions?
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