

SemiSimTech

Enabling a New Era of Engineering Intuition

Overview

- Bridges device physics, modeling, and system-level understanding
- Transforms process variation into engineering insight

Core Platform Features

- Physics-first intuition labs
- Device and process modeling tools
- Process debugging framework
- Data-to-insight pipeline
- Interactive visualization
- Reusable knowledge system

Applications

- Semiconductor device modeling
- Silicon photonics analysis
- Process debugging and yield analysis
- Engineering training

Key Differentiation

- Insight-first approach
- Connects physics, modeling, and measurement
- Accelerates debugging and efficiency

Vision

- Build the engineering intuition layer for semiconductor technology