


iMiD 2025

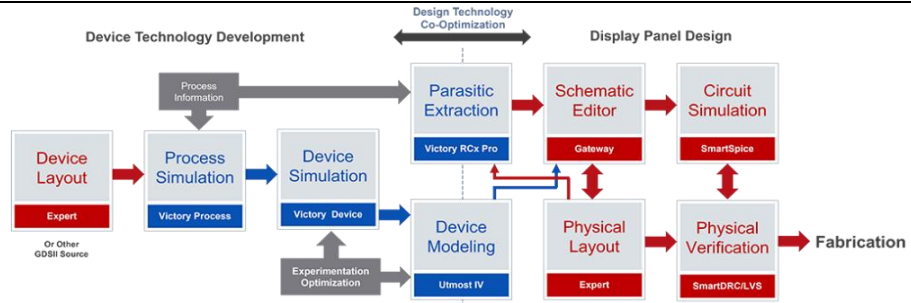
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Exhibitor Introduction	Silvaco is a provider of software solutions for semiconductor and photonics design, including TCAD, EDA software, and SIP solutions that enable semiconductor design and digital twin modeling through AI software and innovation. The company's innovative software and IP is used for the development of complex semiconductor and photonics processes, devices and systems across a variety of market segments, including display, power devices, automotive, memory, high-performance computing, foundries, photonics, IoT, and 5G/6G mobile markets. We offer a wide range of solutions as well as support for engineers and researchers worldwide. Our expertise covers a broad range of semiconductor design, from simulating devices at the atomic level to designing and analyzing transistor-level circuits and providing semiconductor IP blocks and creation tools for advanced SoC designs.	
Exhibit Description	Silvaco's display development solution enables designers to develop displays from the pixel level device to a complete manufacturing ready design. Silvaco's display development solutions are in production use with industry leading display panel providers worldwide.	

Utilizing proprietary built-in functions custom-tailored for display device and circuit design, our solution enables display designers to create, model, and simulate physical devices at the device level with TCAD. For display circuit design, our solution delivers a high-performance design environment including schematic capture, circuit layout and simulation, and physical verification.

Exhibit Product



- Victory – 2D/3D TCAD Process & Device Simulation
- Victory RCx Pro – Parasitic Extraction
- Gateway – Schematic Editor
- Expert – Layout Editor
- SmartDRC/LVS – Physical Verification
- SmartSpice – Circuit Simulation
- Utmost IV– SPICE Model Generation