

2026 | **FLORIDA
SEMICONDUCTOR
SUMMIT**

PROGRAM BOOK

*Semiconductor Manufacturing in Florida:
Power. Progress. Possibilities.*

February 23 - February 25, 2026

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2026 | FLORIDA SEMICONDUCTOR SUMMIT

**Semiconductor Manufacturing in Florida:
Power. Progress. Possibilities.**

February 23-25, 2026

Rosen Shingle Creek | Orlando, FL

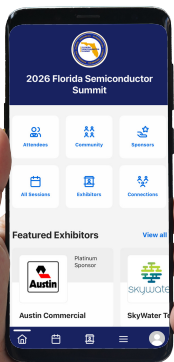
Scan the QR code below to view the event page.



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Scan this QR code to download the summit app and get access to the digital program, featuring:

- Summit agenda
- Venue map
- Speaker details
- Panel details



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#FSS2026



About the Florida Semiconductor Institute

The Florida Semiconductor Institute serves as the statewide hub for research, development, and workforce initiatives in semiconductor technologies. Our expertise encompasses emerging materials, chip design, process development, microsystems, heterogeneous integration, advanced packaging, and cybersecurity. Dedicated to making Florida a global leader in specialty electronics, FSI drives high-impact R&D programs, expands the talent pipeline, and coordinates the state's semiconductor ecosystem.

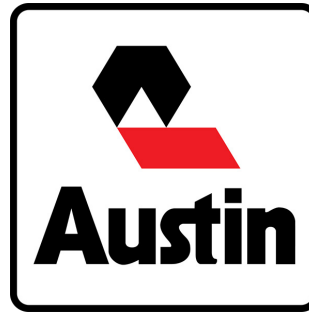
To learn more about the Florida Semiconductor Institute, visit fsi.institute.ufl.edu or scan the QR code below.



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WELCOME ATTENDEES!

Dear Summit Attendees,

We are delighted to welcome you to the 2026 Florida Semiconductor Summit hosted at the beautiful Rosen Shingle Creek in Orlando, Florida. This year's Summit theme is "Semiconductor Manufacturing in Florida: Power. Progress. Possibilities," and we are thrilled that you have joined us.

As Florida continues to evolve into a national hub for semiconductor innovation, this year's summit marks a significant milestone in the state's growing impact. Indeed, this year's program is carefully crafted to address the challenges and opportunities shaping the future of semiconductors.

We welcome you to enjoy Orlando, Florida while taking time to interact with industry leaders, policymakers, academics, researchers, students, and workforce development partners from across the country and beyond.

The 2026 Summit offers a dedicated exhibition hall that provides an interactive space for exhibitors to showcase their cutting-edge technology, products, and solutions that are driving the industry forward. The Summit will also feature thought-provoking keynote addresses, panel discussions, and special programming.

We extend our appreciation to our speakers, sponsors, exhibitors, and partners for their invaluable support in making this event possible.

Thank you for joining us on this exciting journey of discovery and innovation. We look forward to making the Summit an unforgettable experience as we build a brighter future for Florida's semiconductor industry.

Warm regards,



Gloria Kim

Assistant Professor, Department of Electrical & Computer Engineering
FSI Assistant Director of Partnerships, University of Florida

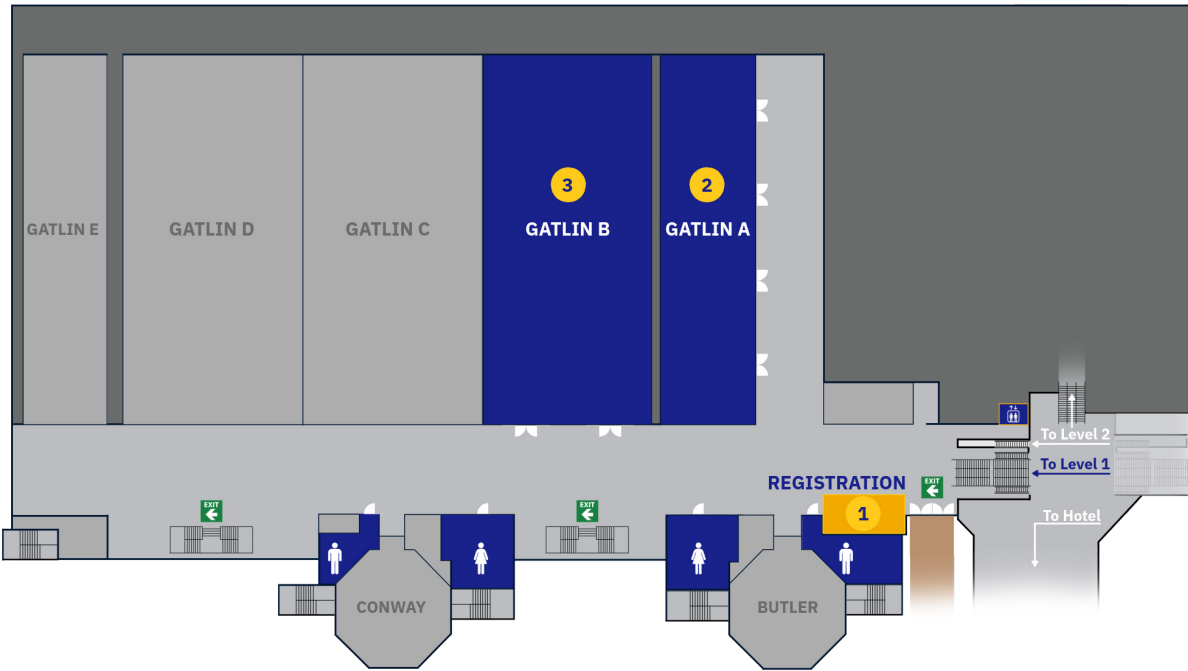


John L. Volakis

Professor, Department of Electrical & Computer Engineering
Florida International University

VENUE MAP

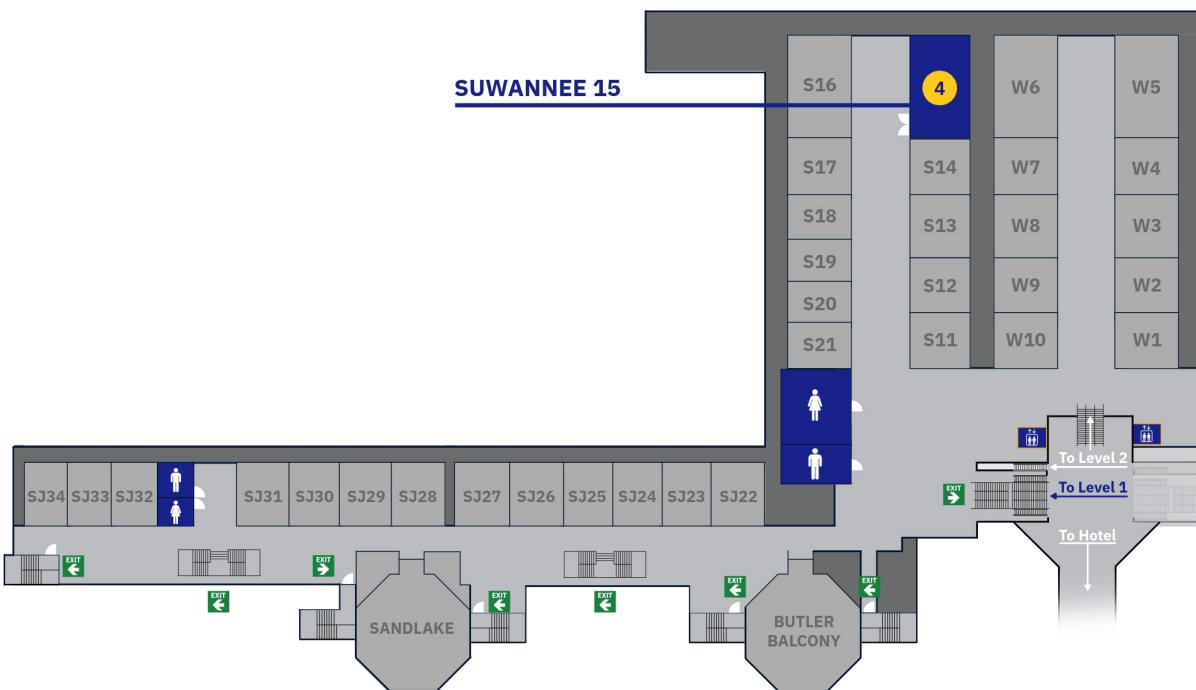
LEVEL 1



LEGEND

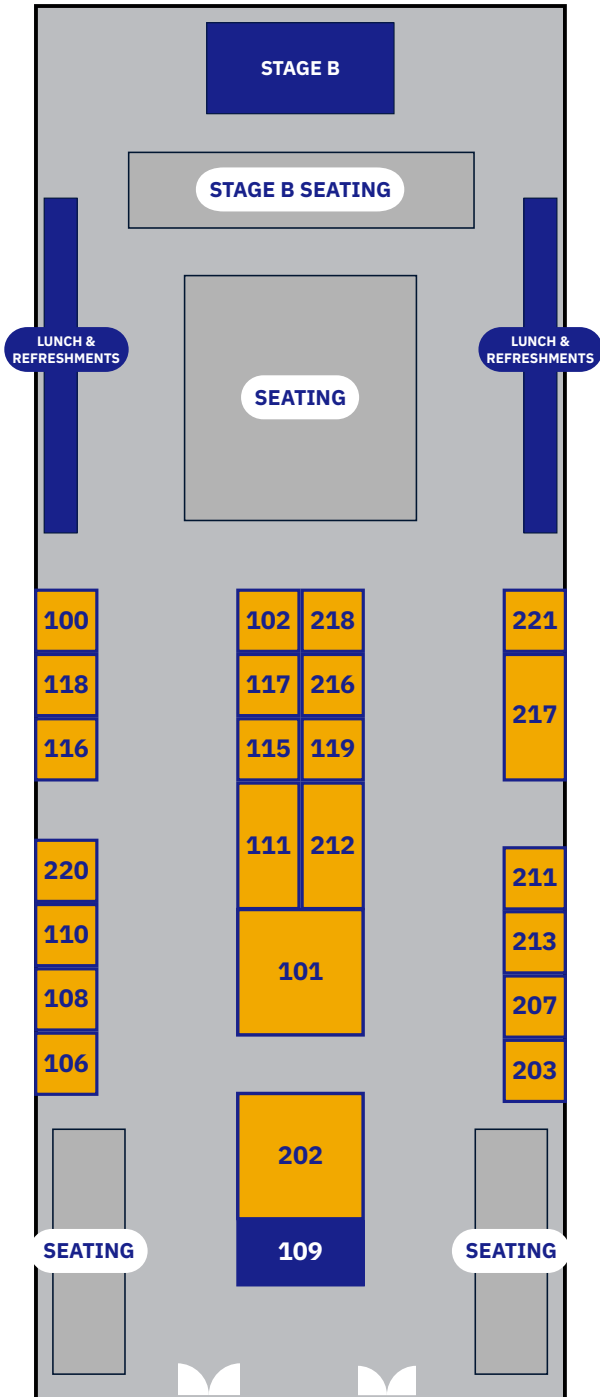
- 1** On-site Check-in & Registration
- 2** General Sessions
- 3** Expo Hall
- 4** Breakout Room
- EXIT** Emergency Exit
- Elevators
- Restrooms
- Doors
- Stairs

LEVEL 2



VENUE MAP

GATLIN B



EXHIBITORS

- 109** UF | Florida Semiconductor Institute & Help Desk
- 202** Austin Commercial
- 101** SkyWater Technology
- 106** Rohde & Schwarz
- 108** imec
- 110** Solid State Devices
- 220** Draper Labs
- 116** IC2
- 118** Matrix Technologies
- 100** AltaScient LLC
- 102** Rigaku Americas
- 117** Trion Technology, Inc.
- 115** Keysight Technologies
- 111** Osceola County Board of County Commissioners
- 212** Florida International University College of Engineering & Computing
- 119** University of South Florida
- 216** Amatrol / DC Jaeger
- 218** Bluegrass Educational Technologies
- 221** National Science Foundation I-Corps - UF Innovate Pathways
- 217** P.K. Yonge Developmental Research School FIRST Robotics Team & Steel Eel Robotics
- 211** University of Central Florida
- 213** Midwest Microelectronics Consortium
- 207** CFO Services
- 203** Plug & Play Semiconductors

8:30 AM - 4:00 PM	Registration	<i>Reception</i>
11:30 AM - 7:30 PM	Expo Hall Opens	<i>Gatlin B</i>
11:30 AM - 11:40 AM	Welcome Remarks	<i>Gatlin A</i>
11:40 AM - 12:40 PM	Lunch & Networking	<i>Gatlin B</i>
12:40 PM - 1:10 PM	Keynote Speaker <i>Thomas Sonderman, SkyWater Technologies</i> Building the Future of Advanced Packaging in Central Florida	<i>Gatlin A</i>
1:10 PM - 1:30 PM	Mike Lafferty, Snowcap Compute Beyond Semiconductor Digital Compute	<i>Gatlin A</i>
1:30 PM - 1:45 PM	Networking Break	
1:45 PM - 3:10 PM	Breakout Sessions Track 1 <i>Gatlin A</i> Advanced Packaging for Scalable, Sustainable Manufacturing	Track 2 <i>Suwannee 15</i> From Classroom to Manufacturing Experiences: Creating the Workforce of Tomorrow's Ecosystem
1:45 PM - 1:50 PM	Introduction & Overview	Introduction & Overview
1:50 PM - 2:10 PM	Eun Soo Nam, Y-TECH Semiconductor Packaging Development & mm-Wave Devices Using LTCC Technology	Jack Judy, Florida Semiconductor Institute Workforce Development Programs for the Florida Semiconductor Industry
2:10 PM - 2:30 PM	Matt Hicks, Northrop Grumman Onshore Microelectronics & Advanced Packaging Advances at Northrop Grumman	Cristian Penciu, Miami Dade College Foreseeing Need and Preparing the Semiconductor Manufacturing Workforce
2:30 PM - 2:50 PM	Anton Quiroz, Ellis Space Solutions From Fab to Space: The Need for Hardened Electronics	Reza Abdolvand, University of Central Florida The Cleanroom Connection: Scaling the Semiconductor Workforce through Paid Training
2:50 PM - 3:10 PM	YK Yoon, University of Florida Smart Manufacturing of Advanced Interconnects: AI/AE integration with ALD and ED	Ashok Kumar, University of South Florida Interdisciplinary Convergent Research and Education for Semiconductor Workforce
3:10 PM - 3:30 PM	Refreshment Break	
3:30 PM - 3:50 PM	Ben Larry, Florida Semiconductor Institute <i>Gatlin A</i> Industry Engagement with Florida Semiconductor Workforce Programs	
3:50 PM - 4:20 PM	Keynote Speaker <i>Michelle Williams, SEMI Foundation</i> Bridging the Talent Gap: A New Approach to Accelerating Workforce Solutions for Semiconductors	<i>Gatlin A</i>
4:20 PM - 5:30 PM	Panel Discussion State/Regional Semiconductor Ecosystem Building	<i>Gatlin A</i>
		See Page 12 for Panelist info!
5:30 PM - 7:30 PM	Welcome Reception	<i>Gatlin B</i>

Summit Agenda

Tuesday, February 24th

7:30 AM - 4:00 PM	Registration	<i>Reception</i>
7:30 AM - 5:00 PM	Expo Hall Opens	<i>Gatlin B</i>
9:00 AM - 9:15 AM	Welcome Remarks	<i>Gatlin A</i>
9:15 AM - 9:45 AM	Keynote Speaker Dr. Woong Sun Lee, SK hynix West Lafayette Heterogeneous Integration and HBM (High Bandwidth Memory) in the AI Era	<i>Gatlin A</i>
9:45 AM - 10:05 AM	Jim Stathis, IBM Creating What's Next in Microelectronics	<i>Gatlin A</i>
10:05 AM - 10:25 AM	Joanna Pritchard, Siemens EDA Future-Ready Engineers: Aligning Industry and Academia	<i>Gatlin A</i>
10:25 AM - 10:40 AM	Networking Break	
10:40 AM - 12:05 PM	Breakout Sessions	
	Track 3 <i>Gatlin A</i> Building Chips for the Real World	Track 4 <i>Suwannee 15</i> Partnering with the Florida Semiconductor Industry
10:40 AM - 10:45 AM	Introduction & Overview	Introduction & Overview
10:45 AM - 11:05 AM	Mark Allen, University of Pennsylvania Integrated Magnetics for Vertical Power Delivery to AI and High Power Chips	Rosie Perez, Florida Semiconductor Institute Opportunities for K-12 Engagement with Semiconductor Content and Programs
11:05 AM - 11:25 AM	Yonghwan Kim, Smart Radar System The Next-Gen Technology for Drone Threat Response: 4D AI Imaging Radar and Cost-Effective AESA Radar Chipset Development Strategy	Rachael Seidler, University of Florida, Astraeus Space Institute UF's Astraeus Space Institute
11:25 AM - 11:45 AM	Antonio Teixeira, PICadvanced Constraining Photonics Chips for the Low Cost High Yield World of Access Networks	Samantha Miles, Vertex, Florida Institute of Technology Progress Through Partnership: Lessons Across Industry, Applied Innovation, and Workforce
11:45 AM - 12:05 PM	Samuel Lim, ELSPEs Silicon Capacitors for the Future of High-Performance & High-Reliability Systems	Mike Miller, Space Florida Synergies Across Florida's Key Tech Industries
12:05 PM - 1:15 PM	Lunch & Networking	<i>Gatlin B</i>
12:50 PM - 1:00 PM	Austin Commercial Sponsor Speaker Four Lessons that Consistently Determine Fab Construction Success	<i>Gatlin B Stage B</i>
1:10 PM - 1:40 PM	Innovation Pitch Competition	<i>Gatlin B Stage B</i>
1:45 PM - 2:15 PM	Chip Chats Start-up Panel	<i>Gatlin B Stage B</i>
2:15 PM - 2:30 PM	Lab Link Presentations	<i>Gatlin B Stage B</i>
2:30 PM - 2:40 PM	Refreshment Break	
2:40 PM - 3:00 PM	Tyler Johnson, emerge Americas Florida: A National Security Powerhouse in Defense Tech and Dual Use	<i>Gatlin A</i>
3:00 PM - 3:20 PM	Erica Douglas, Sandia National Labs Innovating for Impact: Sandia's Legacy in Microelectronics and Role in Tomorrow's National Security Applications	<i>Gatlin A</i>

See Page 14 for Competitor info!

See Page 13 for Panelist info!

See Page 15 for Additional info!

Summit Agenda

Tuesday, February 24th

3:20 PM - 3:40 PM	Gio Cafaro, Motorola Solutions Beyond Manufacturing: Architecting a Complete Florida Semiconductor Ecosystem	<i>Gatlin A</i>	
3:40 PM - 4:10 PM	Keynote Speaker Dr. Erwin Gianchandani, National Science Foundation The National Science Foundation's Regional Innovation Engines: Accelerating Technology, Talent, and Economic Competitiveness	<i>Gatlin A</i>	
4:10 PM - 4:20 PM	Rising Star Award Winner Talk	<i>Gatlin A</i>	See Page 15 for Awards info!
4:20 PM - 5:00 PM	FSI Awards and Closing Remarks	<i>Gatlin A</i>	
5:15 PM - 6:30 PM	Pickleball Networking Mixer (Optional) Sponsored by Plug and Play	<i>Rosen Shingle Creek, Pickleball Court</i>	
Dinner on Own			

Summit Agenda

Wednesday, February 25th

7:30 AM - 11:00 AM	Registration	<i>Reception</i>	
7:30 AM - 1:30 PM	Expo Hall Opens	<i>Gatlin B</i>	
9:00 AM - 9:15 AM	Welcome Remarks	<i>Gatlin A</i>	
9:15 AM - 9:45 AM	Keynote Speaker Dr. Mark Lundstrom, Purdue University Universities – A Basic Component of the New Electronics	<i>Gatlin A</i>	
9:45 AM - 10:45 AM	Panel Discussion Converging Paths: Fostering Dialogue Between Academia and Industry	<i>Gatlin A</i>	See Page 13 for Panelist info!
10:45 AM - 11:05 AM	Networking Break	<i>Gatlin B</i>	
11:05 AM - 12:20 PM	Track 5 Powering the U.S. Semiconductor Research and Manufacturing Industry	<i>Gatlin A</i>	
11:05 AM - 11:10 AM	Introduction & Overview		
11:10 AM - 11:25 AM	Ron Piccolo, The Florida Semiconductor Engine The Florida Semiconductor Engine's Vision for Regional Innovation		
11:25 AM - 11:40 AM	Rouzbeh Borhani, Plug and Play Plug and Play: Accelerating Semiconductor Innovation Through Startup Ecosystems		
11:40 AM - 12:00 PM	Ben Patz, DeepWork Capital Florida Venture Ecosystem		
12:00 PM - 12:20 PM	Piotr Kulik, Vulcan Elements and Assistant Professor, University of Central Florida Magnetics in the Semiconductor Ecosystem: The Role of Rare-Earth Materials		
12:15 PM - 12:30 PM	Closing Remarks	<i>Gatlin A</i>	
12:30 PM - 1:30 PM	Grab & Go Lunch and Networking	<i>Gatlin B</i>	

Summit Concludes - Thanks for Joining Us!

KEYNOTE SPEAKERS



Thomas Sonderman

Monday, February 23rd | 12:40 PM - 1:10 PM | Gatlin A

Chief Executive Officer
SkyWater Technology

Building the Future of Advanced Packaging in Central Florida

SkyWater Technology is establishing U.S.-based Fan-Out Wafer-Level Packaging (FOWLP) for volume manufacturing, advancing both national capability and regional innovation. This session will highlight progress within Florida, including facility expansion, technology transfer, and ecosystem partnerships with universities and industry. It will also explore workforce development initiatives designed to prepare students from NeoCity Academy, as well as university-level programs for high-value semiconductor careers.



Michelle Williams

Monday, February 23rd | 3:30 PM - 4:00 PM | Gatlin A

Executive Director
SEMI Foundation

Bridging the Talent Gap: A New Approach to Accelerating Workforce Solutions for Semiconductors

The semiconductor industry cannot scale without people. In this keynote, Michelle will share how the SEMI Foundation is transforming lives and strengthening communities through bold new initiatives coupled with tried-and-true programs. From sparking industry curiosity in K-12 classrooms, to helping veterans launch new careers, to launching and leading the National Network for Microelectronics Education, the SEMI Foundation is expanding career pathways for people around the globe. Learn how you can join these efforts to build a innovative, skilled, industry-ready workforce that will power the future of semiconductors.

CONNECT WITH THE KEYNOTE SPEAKERS IN THE SUMMIT APP

Download the app to view the digital summit agenda, connect with keynote speakers, panelists, attendees, and much more!



KEYNOTE SPEAKERS



Dr. Woong-Sun Lee

Tuesday, February 24th | 9:15 AM - 9:45 AM | Gatlin A

Chief Executive Officer,
SK hynix West Lafayette

Heterogeneous Integration and HBM (High Bandwidth Memory) in the AI Era

Semiconductor scaling is becoming more challenging, and diverse customer demands in the AI era require new technologies such as Heterogeneous Integration. SK hynix pioneered and mass-produced HBM using this technology, leading the market, and plans to expand collaborations with more partners starting with HBM4 to drive the next era of AI.



Dr. Erwin Gianchandani

Tuesday, February 24th | 3:40 PM - 4:10 PM | Gatlin A

Assistant Director for Technology, Innovation and Partnerships
National Science Foundation

The National Science Foundation's Regional Innovation Engines: Accelerating Technology, Talent, and Economic Competitiveness

NSF TIP's Erwin Gianchandani discusses the mission of TIP and the NSF Regional Innovation Engines program, and the ways in which the Engines have accelerated technology development, grown the regional workforce, and promoted economic competitiveness.



Dr. Mark Lundstrom

Wednesday, February 25th | 9:15 AM - 9:45 AM | Gatlin A

Distinguished Professor,
Purdue University

Universities – A Basic Component of the New Electronics

In 1960, one month after Fairchild Semiconductor demonstrated the first silicon IC, Frederick Emmons Terman, who would later be known as the father of Silicon Valley, gave a speech with the above title at the National Electronics Conference in Chicago. Terman's insights about the importance of universities to the semiconductor industry emerging in 1960 remain relevant today. In this talk, I'll reflect on the critical role of universities as the U.S. addresses its semiconductor challenge.

FEATURED PANELS

STATE/REGIONAL SEMICONDUCTOR ECOSYSTEM BUILDING

Monday, February 23rd | 4:20 PM - 5:30 PM | Gatlin A

This panel brings together directors from leading semiconductor institutes across the U.S.—including Florida, Arizona, Oregon, Texas, and New York—to candidly compare regional strengths, confront shared challenges like workforce shortages and supply chain resilience, and explore bold strategies for accelerating domestic semiconductor growth amid CHIPS Act momentum. Moderated by FSI Director David Arnold, this dynamic discussion highlights real-world successes, provocative ideas for collaboration, and the hard truths keeping ecosystem builders up at night.

Moderated by: David Arnold, University of Florida, Florida Semiconductor Institute

Panelists

Jason Conrad

Arizona State
University

Robert Stone

Oregon State
University

Steve Putna

Texas A&M
Semiconductor
Institute

Ted Moise

North Texas
Semiconductor
Institute

**Nicholas
Fahrenkopf**

NY Creates

CONVERGING PATHS: FOSTERING DIALOGUE BETWEEN ACADEMIA AND INDUSTRY

Wednesday, February 25th | 9:45 AM - 10:45 AM | Gatlin A

With the growing need for high tech talent, particularly in the electronics and packaging industry, and the need to educate more U.S. students, it is important to create strong ties between industry, government and universities. This panel is intended to provide a conversation about best practices and new initiatives for training and recruiting the next generation of students for the growing U.S. electronics and semiconductor manufacturing workforce.

Moderated by: Inés Triay, Florida International University

Panelists

Alan Huffman

L3Harris

Alberto Canabal

Qorvo

Carlos Sanchez

NextEra

Vipul Patel

Synopsys

Chip Chats is designed to highlight and elevate Florida-based or Florida-bound **semiconductor startups**. This **interactive panel** offers a unique platform for emerging companies to share their story, showcase their innovation, and inspire the broader ecosystem.

MEET THE PANEL

Tuesday, February 24th | 1:45 PM - 2:15 PM | Gatlin B | Stage B

Moderated by: Sterling Cohen, Plug and Play



Founded in 2001

📍 Gainesville, FL

Booth 116

IC2's mission is to provide innovative precision instrumentation solutions to the global test and measurement community. IC2 designs and commercializes cutting-edge sensors primarily for aerodynamic and aeroacoustic measurements, as well as precision wireless and traditional data acquisition systems.

Core technologies include high-performance capacitive, optical, and piezoelectric microelectromechanical systems (MEMS) sensors and wireless time and data synchronization for distributed sensor networks.



Founded in 2018

📍 Gainesville, FL

Booth 118

Matrix is establishing America's first foundry for advanced displays and large-area electronics, bridging the gap between inflexible consumer manufacturing and the custom needs of the aerospace and defense sectors. Their core technology is a multi-modal additive manufacturing platform that combines organic thin-film transistors with direct-write lithography and additive micro deposition.

Matrix's technical approach combines thin-film processes with panel-level advanced packaging, leveraging maskless laser-write lithography to eliminate the significant cost and lead times associated with traditional photomasks.



Founded in 2025

📍 Atlanta, GA

Booth 100

AltaScient's mission is to empower businesses with actionable, AI-driven risk and market intelligence, enabling them to anticipate disruptions, navigate volatility, and make smarter strategic decisions across complex global value chains.

The company's core technologies include scalable cloud architecture for near-real-time analytics, AI/ML models and language analytics to extract and transform million of data points, and dynamic dashboards and predictive risk intelligence tailored for semiconductors, critical minerals, and manufacturing sectors.

INNOVATION PITCH COMPETITION

The Innovation Pitch Competition gives innovators the chance to present their **semiconductor-related projects** (research or business ideas) to industry leaders, academic partners, and investors across the state.

COMPETITORS

Tuesday, February 24th | 1:10 PM - 1:40 PM | Gatlin B | Stage B

Roll&Glow

Mavrosbeautyco

Roll&Glow is a next-generation, wireless hair-styling device designed to give users freedom of movement while delivering controlled, efficient styling performance. Roll&Glow is a hardware company built on semiconductor-enabled systems, leveraging embedded microelectronics to power its core functionality. The device integrates microcontrollers, semiconductor-based temperature sensors, compact motor and fan assemblies, and battery management systems to deliver consistent airflow, safe heat regulation, and reliable wireless operation within a compact form factor.

TitanFlow CNT pellicle

The Skyway Organization

Skyway is an advanced technology company developing next-generation materials and manufacturing systems for aerospace, defense, and high-performance industrial markets. At the core of Skyway's platform is TitanFlow, a proprietary reactor and process architecture designed to produce ultra-high-purity carbon nanomaterials with exceptional consistency, scalability, and tunability. TitanFlow enables the production of binderless carbon nanotube (CNT) architectures, eliminating the need for polymer binders that traditionally limit thermal, electrical, and mechanical performance.

Rapid Prototyping of Photonic Chips

Chronos Photonics

Chronos Photonics aims to revolutionize photonic chip fabrication. Photonic chips take months to make, but Chronos Photonics can do it in hours with precision laser ablation and micro-welding. The company will accelerate photonic prototyping and production through on-demand manufacturing, closing the design-build-test loop an order of magnitude faster than the current state-of-the-art. By combining industry proven laser technologies to instantly write photonic structures and electrodes onto chips, Chronos Photonics eliminates masks, chemicals, and multiple processing steps to accelerate the fab process.

High Performance GaN-Based RF and Power Devices

Bedrock Semiconductor

Bedrock Semiconductor is leveraging their experience and knowledge of GaN semiconductor manufacturing in order to develop the world's high performance RF devices and high voltage power devices. Bedrock will develop GaN RF devices using GaN wafers. This approach has been demonstrated to achieve the record RF device efficiency by Fujitsu. Bedrock will develop GaN power devices with the highest performance, highest efficiency, and smallest size of any semiconductor technology, and furthermore do so at competitive prices. The company will produce GaN wafers, normally only available from a few suppliers in China and Japan, using a novel growth method.

LAB LINK & FSI AWARDS

LAB LINK PRESENTATIONS

Tuesday, February 24th | 2:15 PM - 2:30 PM | Gatlin B | Stage B

FSI Lab Link is an exclusive initiative designed to foster collaboration among students from universities across Florida. Through research discussions, lab visits, and networking, students engage in meaningful exchanges that contribute to advancements in the semiconductor ecosystem—locally, nationally, and globally.

Every other month, a Florida university hosts a small group of select PhD students to participate. This session gives Summit attendees the opportunity to hear directly from students who participated in Lab Link as they present the work they developed through their experience.

**Talk 1: Sajith Rathnayaka,
Florida International University**

Spectrum and RFI Sensing using Digital Multi-Beam
Circular Apertures

**Talk 2: Ishraq Tashdid,
University of Central Florida**

Artificial Intelligence for Next-Generation Chip Design

FSI AWARDS

Tuesday, February 24th | 4:20 PM - 4:55 PM | Gatlin A

FSI's Awards program is dedicated to annually recognizing individuals and teams who demonstrate outstanding achievement, innovation, and impact within Florida's rapidly expanding semiconductor sector.

FSI Fellows

Celebrating distinguished leaders from industry, academia, or government who have made significant contributions to Florida's semiconductor ecosystem.

FSI Industry Technician of the Year

Celebrating a Technician who exemplifies excellence in technical skill, innovation, and commitment to operational success.

FSI Rising Star

Celebrating outstanding Ph.D. research in semiconductor technologies, materials, design, simulation, fabrication, devices, or systems.

FSI Workforce Development Program of Excellence

Celebrating leaders in learning and innovation with success in creating and expanding career pathways.

The page features a dark blue background with a subtle, repeating pattern of light blue squares. Overlaid on this are several bright yellow lines that mimic the look of a circuit board, with various horizontal, vertical, and diagonal segments, some ending in small circles.

SPONSOR ADS



Building the Future of Advanced Packaging in Florida

SkyWater is establishing U.S.-based Fan-Out Wafer-Level Packaging (FOWLP) for volume manufacturing, strengthening national semiconductor capability, and advancing the microelectronics ecosystem in Central Florida.

We're building momentum across Florida's advanced manufacturing ecosystem and investing in the future workforce, creating hands-on pathways from high school to university research programs and high-value semiconductor careers.

Together with academic, industry and government partners, we are enabling innovation and developing the next generation of advanced packaging leadership: translating research into real-world impact and scaling capabilities that support both commercial and national needs.

SkyWater is advancing what's next for Osceola County, for Florida, and for the Nation.

LEARN MORE at [skywatertechnology.com](https://www.skywatertechnology.com)





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4

NeoCityFL, SV, AZ, TX

40+

Portfolio Startups

100+

Startups Accelerated

40

NDA's and Pilots Completed

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NEOCITY



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PhotonDelta



SYNOPTIS

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Join us at our
Semiconductors Expo on
June 25th



For more information email:

Adriana Carreño

Program manager

a.carreno@pnptc.com



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Module 2 Wafers

Module 3 Photonic Integrated Circuits



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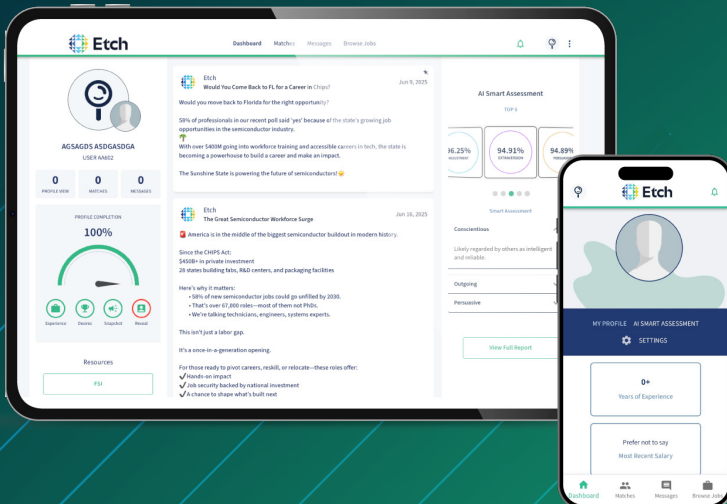
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- ▶ **Job Seekers:** Get matched with job postings based on skills and qualifications



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At the heart of NeoCity is the Center for Neovation, a semiconductor fabrication facility owned by Osceola County and operated by Skywater.

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Debt-free, pad-ready land with aggressive incentives for quick development alongside a 200MW substation operated by the Kissimmee Utility Authority.

Mixing technology with stewardship

The site's 160-acre Lake Toho Water Restoration pond is a joint effort between Osceola County and the Toho Water Authority to capture stormwater, improve water quality in nearby Lake Toho, and provide an alternative water supply to support future growth.

Bringing industry together for the future of innovation

Creativity flows as part of NeoCity's Innovation Hub, hosting Plug and Play's semiconductor accelerator, an NSF Innovation Engine, and a semiconductor fabrication facility digital twin.

Classroom-to-boardroom conduit within reach

A dedicated education and workforce pipeline, with Central Florida's top high school NeoCity Academy on-site and Valencia College's Osceola Campus just across U.S. 192 from NeoCity with access to 500,000 students within a 100-mile radius.

Join our growing list of site partners



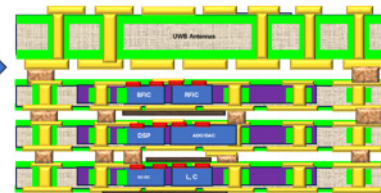
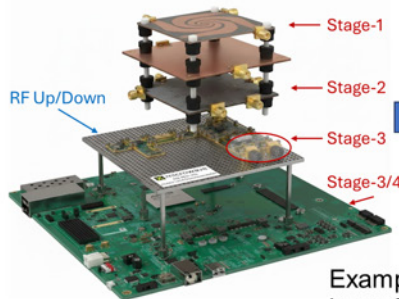
@neocityfl

FIU Pioneers Future

3D Heterogeneous Integration for Communication Hardware

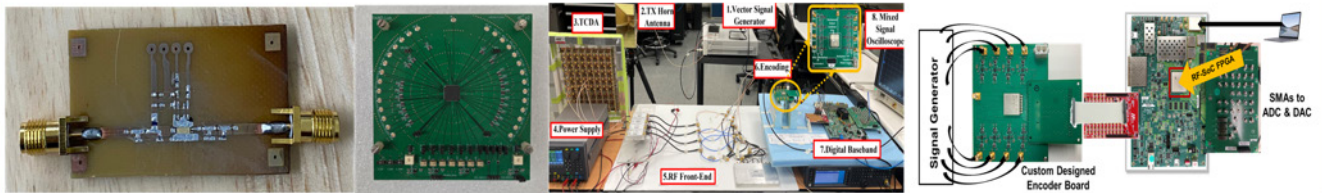
- Phased Array Radar Sensing, Satellite link and 5G/6G User Equipment
- Advanced 3D System packaging with panel fan-out substrates and stacking
- Technology partnerships, prototyping, transitioning to low-volume manufacturing with end-users

- UWB Antennas in package
- Integrated RF and Beamforming with digital back-end
- Low-power beamforming
- Vertical power delivery



- 3D stacking of fan-out packages and laminates
- System design for thermal, mechanical and shielding needs

Examples of ultra-wideband, high speed and low cost beamformer components and systems at FIU

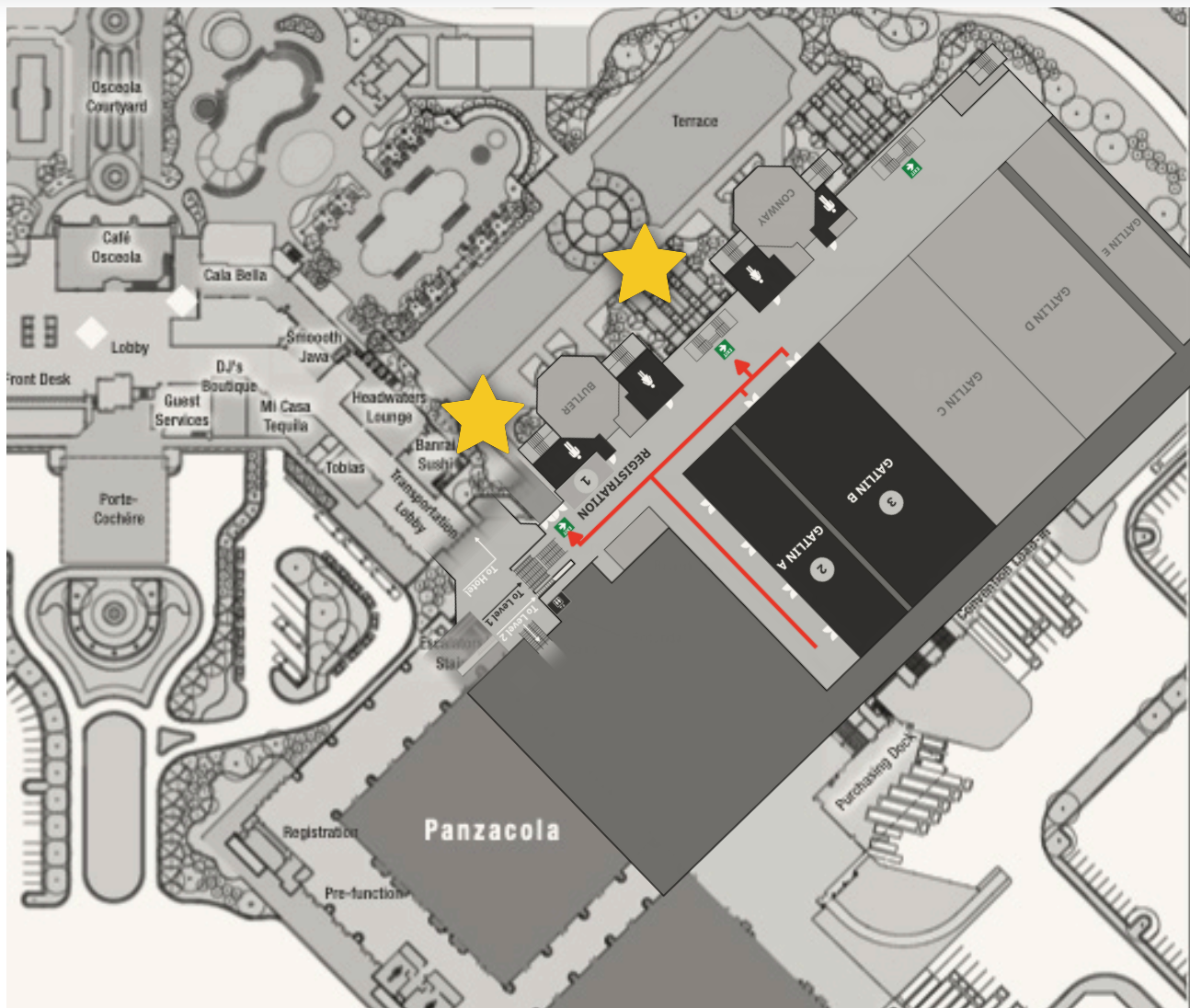


SAFETY INFORMATION

EMERGENCY EVACUATION PLAN

If a fire or other evacuation hazard occurs, immediately proceed to the nearest emergency exit and evacuate the threatened area. Do not use elevators, and follow instructions from hotel staff and emergency personnel. The overhead system will provide voice evacuation instructions, and follow-up or additional information will be provided via the PA system if needed. Once outside, move to the designated assembly area and remain there until authorities declare it safe. Emergency exits are clearly marked throughout the facility, and if your nearest exit is blocked, use an alternate route.

For on-site assistance, please call: 55 for Emergency, 17800 for Security/Safety, or 0 for the Hotel Operator.



ADDITIONAL INFORMATION

NAME BADGE

Your name badge serves as your admission to all summit activities. All attendees are asked to wear their badge at all times throughout the summit. If you misplace your badge at any point during the summit or find a misplaced badge, please return to Summit Check-In for assistance.

PHOTOGRAPHY

Portions of the summit may be photographed. Attendance implies consent for use of images or recordings in event-related materials.

SUMMIT MESSAGE BOARD

The Summit Message Board is available for attendees to post job listings, internships, and co-op opportunities. This will be located in the foyer.

QUESTIONS DURING THE SUMMIT

If you're unsure where to go or who to ask, visit Summit Check-In or the FSI Booth for guidance.

PICKLEBALL MIXER SPONSORED BY PLUG AND PLAY

A Pickleball Mixer will take place on Tuesday, February 24, from 5:15 – 6:30 PM at the pickleball courts at Rosen Shingle Creek. This optional networking event is open to all attendees.

In the event of inclement weather, the mixer will be relocated to the foyer of Gatlin A. Each group participating in pickleball will have 20 minutes of play time.

MOBILE & LAPTOP DEVICES

Please ensure all mobile phones, laptops, and electronic devices are set to silent mode out of respect for summit presenters and fellow attendees.

FOR EMERGENCIES: PLEASE DIAL 911

The nearest hospital is:
Orlando Health Dr. P. Phillips Hospital
9400 Turkey Lake Rd, Orlando, FL 32819

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