

NeoCity Semiconductors Selection Day - Batch 4

PLUGANDPLAY SEMICONDUCTORS

Join Plug and Play NeoCity Semiconductors as we bring together corporate partners, investors, ecosystem leaders, startups, and regional stakeholders for an immersive introduction to NeoCity and the rapidly growing semiconductor innovation ecosystem.

Participate in curated networking opportunities, startup pitches, 1:1 matchmaking sessions, panels, and discussions designed to foster collaboration and accelerate innovation within the semiconductor industry.

This experience is designed to create meaningful connections between startups and strategic partners while showcasing the momentum and opportunities emerging across NeoCity and Central Florida's semiconductor ecosystem.

Date

August 19, 2026

Location

Plug and Play NeoCity (2nd Floor)
194 NeoCity Wy, Kissimmee, FL

Guests

Special Invited Guests from
the Plug and Play Team

Agenda

- 9:00 AM** Registration & Breakfast
- 9:30 AM** Welcome Remarks
- 9:35 AM** Ventures Overview 1 & Startup Pitches: Novel Fabrication and Advanced Manufacturing
- 10:00 AM** Ventures Overview 2 & Startup Pitches: Defense, Power & Sensing Agentic AI Session
- 10:25 AM** Ventures Overview 3 & Startup Pitches: Software & Edge AI
- 11:10 AM** Curated 1:1 Meetings
- 12:20 PM** Networking Lunch

RESERVE YOUR SPOT: [HERE](#)

FOR MORE INFORMATION

Keely DeGroot, k.degroot@pnptc.com



Startups - Batch 4 Selection Day

Novel Fabrication & Advanced Manufacturing:



TriMagnetix replaces the transistor with nanomagnets. 800× lower energy than CMOS, inherently radiation-hard, and non-volatile



Chronos Photonics is developing ultrafast-laser-based manufacturing technology to rapidly prototype and produce custom photonic chips and interconnects without lithography or cleanrooms



Alkemio is building modular rare earth refining technology that enables mining companies to process critical materials locally with lower cost, lower emissions, and less toxic waste



Diasense is building a quantum sensing inspection platform for advanced semiconductors that helps detect current leakages and failures inside complex 3D chips faster and more precisely



Exhilarare is building a manufacturing platform that encapsulates electronics directly in functional plastics and optical materials in a single automated workflow

Defense, Power, Sensing:



Orion Edge Group builds autonomous electronic attack systems that give small infantry units spectrum overmatch



Noetronis delivers next-generation magnetic sensing for high-power defense, energy, and industrial systems where traditional sensors fail



Ender Technologies builds high-fidelity electronic warfare simulation and training software — a 3D visual platform that fuses real terrain with live signal physics



Equilibria Power develops stackable solid-state pulse power systems that replace legacy spark-gap switches for plasma, fusion, aerospace, and hypersonics applications



Aura Intelligent Systems is building a disruptive 4D millimeter wave sensor for autonomous mobility

Startups - Batch 4 Selection Day

Software & Edge AI:



Hero Medical Technologies is building an emergency triage sensor platform that will power the future of emergency medicine by combining wearable sensing, facial analytics, and AI to enhance and expedite acute care when minutes count most

BitTrace

BitTrace builds compact deterministic sensor-intelligence artifacts for constrained hardware. We help semiconductor, industrial, and device partners deploy auditable embedded AI where cloud-based AI and large neural models are too heavy, opaque, or expensive



Supermatics is a physics-driven discovery platform developing next-generation superconducting materials for semiconductor interconnects, power delivery, and AI infrastructure through co-development, IP licensing, and strategic partnership



KostaCLOUD is the first fully cloud-native optical design and simulation platform giving optical and photonic engineers the collaborative, browser-based alternative to legacy desktop tools



Hello World Solutions builds a digital phenotyping platform that uses passive signals from everyday IoT devices in the home to surface early behavioral changes associated with cognitive and functional health

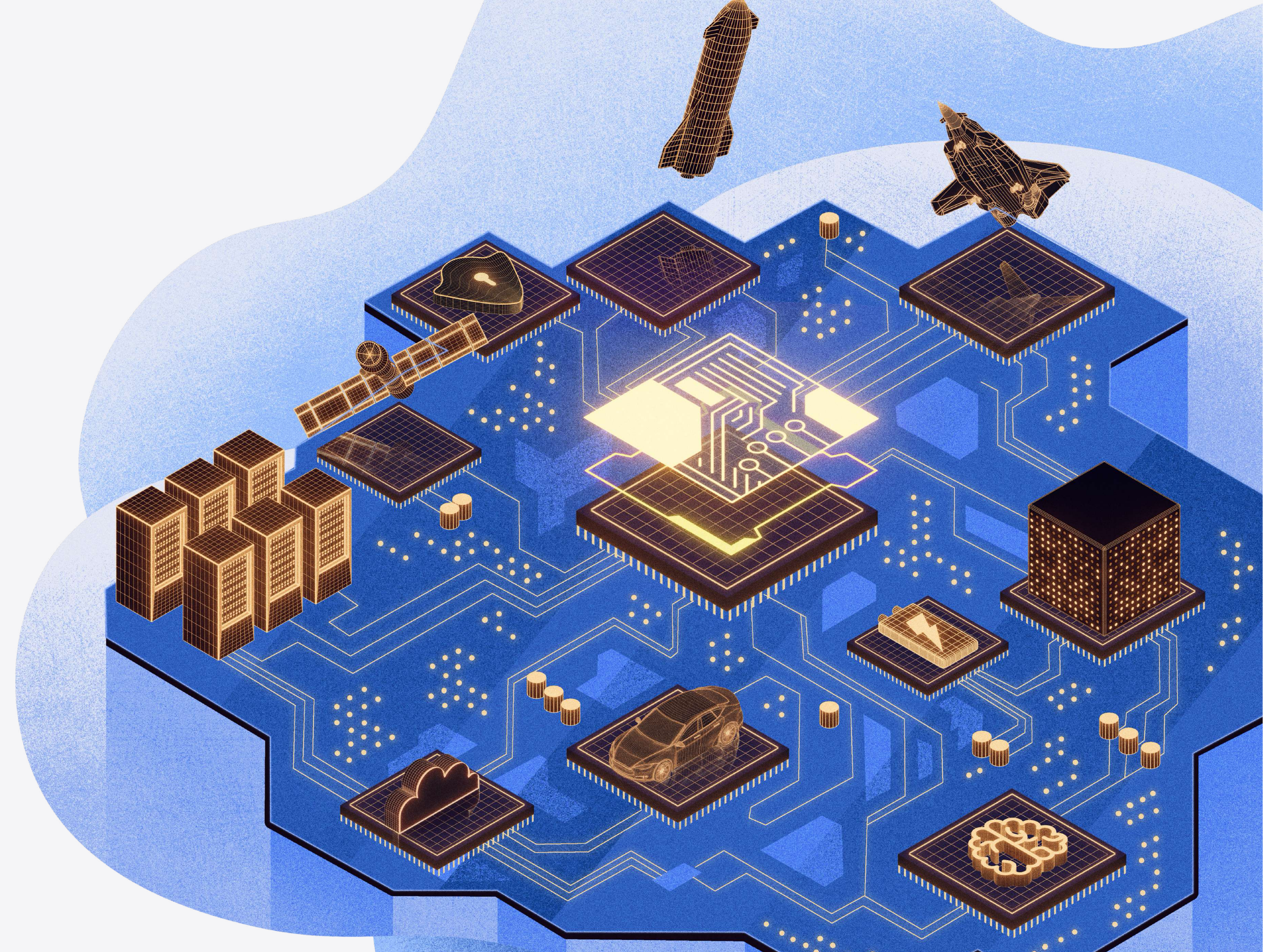
PLUG AND PLAY SEMICONDUCTORS

Expo

August 19, 2026

1:30-5:45PM ET

Location: Plug and Play NeoCity, 2nd Floor
194 NeoCity Wy, Kissimmee, FL 32827



Celebrate the Future of Semiconductor Innovation

Join us as we highlight Plug and Play NeoCity Semiconductors Batches and look forward towards the future of semiconductors in Florida

Meet the startups transforming the semiconductor industry, hear about their progress, and connect with the founders, corporate partners, investors, and industry leaders driving innovation across NeoCity and Central Florida.

Why Attend?

- Connect with startups, partners, investors, and ecosystem leaders.
- Discover emerging technologies and collaboration opportunities.

PARTNERS



NEOCITY



PhotonDelta

SYNOPSYS®



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Agenda

1:30 - 2:00 PM: Check-In & Registration

2:00 - 2:10 PM: Welcome Remarks

2:10 - 2:40 PM: Fireside Chat: Cadence X PNP
X Osceola County

2:40 - 3:00 PM: Trends Report: The State of
Semiconductors in the AI Era

3:00 - 3:15 PM: Alumni Pitches

3:15 - 3:35 PM: Fireside Chat: Unpacking
Florida's Semiconductor Ecosystem

3:35 - 3:55 PM: Deeptech Investor Panel

3:55 - 4:10 PM: Batch 3 Pitches

4:10 - 4:15 PM: Closing Remarks

4:15 - 5:45 PM: Networking Mixer

FOR MORE INFORMATION

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REGISTER HERE



Startups - NeoCity Expo

Batch 3



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

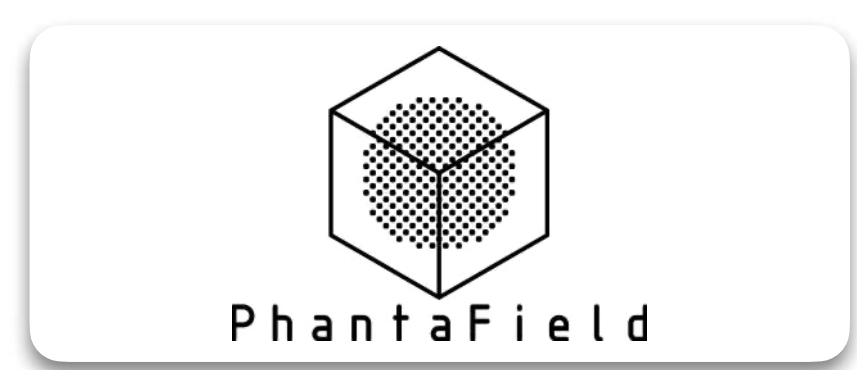


Ozni AI is developing the next generation of battlefield sensors and algorithms to equip operators with an unfair advantage in deep sensing, targeting, and situational awareness

Alumni Highlights



Plaid Semiconductors manufacture revolutionary substrates for AI computing



PhantaField is a fabless semiconductor company specializing in 2D semiconductor based transistors



MEI Micro is a fabless MEMS device company specializing in the development and commercialization of motion sensing enabling devices and systems and related applications