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Sensors Converge Celebrates 40th Anniversary With Extensive Educational Program

The upcoming [Sensors Converge](#), which will be held June 24-26, 2025 at the Santa Clara Convention Center in Santa Clara, Calif. will be the 40th edition of the conference. This year's program will feature 100+ educational sessions and six in-depth workshops delivered by 100+ of the brightest minds in sensor engineering. Furthermore, the program will be packed with dynamic experiences tailored for technical professionals, including leaders' roundtables, lightning talks, interactive panel discussions, and hands-on workshops.

Sensors Converge brings together the brightest minds in sensing, processing, and connectivity to tackle design challenges, share cutting-edge insights, and ignite innovation. Participants can connect directly with like-minded professionals, discover best practices from industry leaders, and find the exact products and partners to bring their design projects to life.



Under the theme, "Driving Smart Sensor Innovation and Delivering Impact," Sensors Converge 2025 will unite trailblazers from across the electronics ecosystem to explore the technologies and trends shaping the future of smarter, more connected systems.

A highlight of the program will be the opening keynote by Seong-Hyok Sean Kim, senior research fellow and vice president. Kim's presentation, "Sensing as an AI Service for Smart Space," will explore how advancements in sensor technology are enabling groundbreaking AI-powered solutions for connected environments. Additional keynotes will be announced soon.

New Conference Tracks For 2025

This year's Sensors Converge will include focused education across the following new conference tracks:

Innovation & Next-Gen Tech

Topics include:

- Micro Edge AI Sensing
- Smart Sensors
- Embedded AI
- Quantum Sensing
- Sustainability

Process Design & Efficiency

Topics include:

- Energy Harvesting
- AI-enabled sensing technologies
- Software/Hardware
- Autonomous Vehicles
- Edge Technology
- Sustainability
- Data 2.0

- Data Center Infrastructure

and

Connectivity

Topics include:

- 5G & 5G Advanced
- 6G Network as a Sensor
- Connected & Automated Vehicles
- Wearables
- Sustainability
- Coming together of cloud, IoT, AI & Connectivity
- LoRa
- Connectivity Density

Over 200 Exhibitors

The Sensors Converge expo offers the chance to explore game-changing solutions and breakthroughs. This year's expo will feature over 200 exhibitors across the following categories:

Aerospace	Agriculture	AI/Machine Learning
Automation	Automotive/Transportation/Mobility	Chemical/Gas
Communications/Networking	Consumer Electronics/Appliances	Data acquisition/Analytics
Edge Computing	Embedded Systems Technology	Gov't/Public Sector/Nonprofit
Healthcare/Pharma/Medical Devices	HVAC	Instrumentation & Control
IoT	IoT/Industry 4.0	Machinery & Equipment
Manufacturing & Industrial	Power & Power Management	Robotics
Security	Sensors	Smart Buildings/Homes/Cities
Test & Measurement	Utilities/Energy	Wireless/Connectivity/5G

For the names of specific companies participating in the exhibition, see the floorplan below. In addition, the following are this year's partner and sponsors:

- Analog Devices and STMicroelectronics (Platinum Partners)
- Mouser Electronics (Gold Partner)
- DigiKey, WinSource Electronics and ams Osram (Silver Partners)
- Microchip, Murata, and TDK (Bronze Partners)
- Javelin ASIC Devices (Scavenger Hunt Sponsor)
- EDGEAI Foundation (40th Anniversary Reception Sponsor)

How2Power readers can use code **OW2POW** to register for a [free Expo Hall Pass](#).

For more information about Sensors Converge, see the conference [website](#).

