A Practical Guide to Building Edge AI Apps
Most AI algorithms created for edge applications are initially developed on workstations. Developers then often struggle to get these workloads running on edge devices. The Qualcomm AI Stack makes it easy to retarget algorithms to edge hardware by supporting frameworks and data types that AI developers are familiar with. And it provides a set of tools that empower developers to extract the best performance and energy efficiency from their target hardware. In this session, we will walk you through the steps of building a sample Android application for AI-based image super-resolution using the Qualcomm AI Stack.

Part 1: Develop and Deploy Vision Models at the Edge
Use Google Colab and Edge Impulse to examine various image augmentation techniques to generate new data from a small initial dataset. Every developer can familiarize themselves with the process and deploy them at the edge without writing code. Attendees of the Edge Impulse Deep Dive can look forward to a complementary reception hosted by Edge Impulse!

Part 2: Classification Models with Less Data
Learn how to create, optimize and deploy DNNs at the edge in just days with Nota’s Netspresso AI model optimization platform. See uses on real-world use cases and applications.

Panelists: Jason Lavene, Director, Advanced Development
Lokwon Kim, CEO, DEEPX
JASON LAVENE, DIRECTOR, ADVANCED DEVELOPMENT
KEEVI T. PEPPER
Pete Ward, Chief Executive Officer, Useful Sunsets

Panel: Accelerating the Era of AI Everywhere
Sponsored by DEEPX
Moderator: Jeff Bier, President, BDTI / Founder, Edge AI and Vision Alliance
Panelists: Dean Kamen, Founder, DEKA Research & Development
Lokwon Kim, CEO, DEEPX
Jason Lavene, Director, Advanced Development
Engineering, Keurig Dr Pepper
Pete Ward, Chief Executive Officer, Useful Sunsets

General Session
Panel on Generative AI: How Will It Impact Edge Applications and Machine Perception?
Moderator: Sally Ward-Foxton, Senior Reporter, EE Times
Panelists: To be announced
Coffee and pastries will be provided.

**Qualcomm**

9:00 am - 12:00 pm | Room 209-210 (Upstairs)

A Practical Guide to Building Edge AI Apps

Most AI algorithms created for edge applications are initially developed on workstations. Developers then often struggle to get these workloads running on edge devices. This holds true for a wide range of applications, from IoT to automotive to XR to mobile to compute.

The Qualcomm AI Stack streamlines the path from initial algorithm development to edge deployment. The Qualcomm AI Stack makes it easy to retarget algorithms to edge hardware by supporting frameworks and data types that AI developers are familiar with. And it provides a set of tools that empower developers to extract the best performance and energy efficiency from their target hardware.

In this session, we will walk you through the steps of building a sample Android application for AI-based image super-resolution using the Qualcomm AI Stack. Through this sample app, we’ll show how applications built with AI runtimes utilize hardware optimizations for Qualcomm devices. We will also share tips and tricks on quantization, explore how model accuracy affects performance and power and outline the tooling that helps developers successfully implement new AI capabilities in their products.

Coffee and pastries will be provided.

**NotaAI**

12:00 pm - 3:00 pm | Room 203-204 (Upstairs)

Maximizing Efficiency of Edge AI Models with Minimum Effort

Deep neural networks are revolutionizing machine perception, bringing incredible new capabilities to many types of systems. But developing DNNs for edge devices is typically a time-consuming and error-prone process.

In this session:

- We’ll show how the NetsPresso AI model optimization platform drastically simplifies the process of selecting a model, training it, compressing it and deploying it—taking into account the specific capabilities and limitations of the target hardware.

- We’ll show how NetsPresso uses neural architecture search to quickly find the best model for your specific application and hardware, and then trains the model in a hardware-aware manner to optimize accuracy and latency for your processor.

- Next, we’ll explain how NetsPresso automatically applies model compression and acceleration techniques to make your model small and fast without sacrificing accuracy.

- Finally, we’ll show how NetsPresso simplifies deployment of optimized models on embedded hardware by automatically generating executable code and packaging it in a form that can easily be integrated into your application.

We’ll illustrate these capabilities using real-world use cases and applications, and we’ll evaluate the optimized models produced by NetsPresso.

Join us to learn how you can create, optimize and deploy DNNs at the edge in days rather than months.

Snacks will be provided.

**EDGE IMPULSE**

3:00 pm - 6:00 pm | Room 209-210 (Upstairs)

Create Better Models and Deploy Them Everywhere with Edge Impulse

We’ll show how the NetsPresso AI model optimization platform drastically simplifies the process of selecting a model, training it, compressing it and deploying it—taking into account the specific capabilities and limitations of the target hardware.

In this workshop, we will use Google Colab and Edge Impulse to examine various image augmentation techniques to generate new data from a small initial dataset.

In this workshop, attendees will learn how to quickly and easily create vision models and deploy them at the edge without writing code. We’ll work hands-on with the Edge Impulse cloud-based development environment to develop a model, and then deploy it on hardware using a Texas Instruments SK-TDA4VM starter kit. The SK-TDA4VM starter kit is based on TI’s TDA4VM processor, which features 8 TOPS of deep learning performance and low power consumption. This combination of development techniques, tools and hardware is ideally suited to a wide range of vision applications, including industrial, agriculture and security applications.

After the workshop, join your Edge Impulse hosts for food and drinks at a complimentary reception on the outdoor terrace!

Reception: 6:00 pm - 7:30 pm
Following Jeff Bier’s opening remarks, “A View from the Summit”
(9:00 am - 9:30 am on Tuesday and Wednesday), join us for our Keynote and General Sessions!

Tuesday

Frontiers in Perceptual AI: First-Person Video and Multimodal Perception

Kristen Grauman
Professor, University of Texas at Austin / Research Director, Facebook AI Research

First-person or “egocentric” perception requires understanding the video and multimodal data that streams from wearable cameras and other sensors. The egocentric view offers a special window into the camera wearer’s attention, goals and interactions with people and objects in the environment, making it an exciting avenue for both augmented reality and robot learning. The multimodal nature is particularly compelling, with opportunities to bring together audio, language and vision.

To begin, I’ll introduce Ego4D, a massive new open-sourced multimodal egocentric dataset that captures the daily-life activity of people around the world. The result of a multi-year, multi-institution effort, Ego4D pushes the frontiers of first-person multimodal perception with a suite of research challenges ranging from activity anticipation to audio-visual conversation.

Building on this resource, I’ll present our ideas for searching egocentric videos with natural language queries (“Where did I last see X? Did I leave the garage door open?”), injecting semantics from text and speech into video, and understanding the video and machine learning focuses on video, visual recognition and action for perception or embodied AI. Before joining UT-Austin in 2007, she received her PhD at MIT and BA at Boston College. She is an IEEE Fellow, AAAI Fellow, Sloan Fellow, a Microsoft Research New Faculty Fellow and a recipient of NSF CAREER and ONR Young Investigator awards, the PAMI Young Researcher Award, the 2013 Computers and Thought Award from the International Joint Conference on Artificial Intelligence (IJCAI), the Presidential Early Career Award for Scientists and Engineers (PECASE), the 2013 J.K. Aggarwal Prize and a finalist for the Blavatnik National Award for Young Scientists. She was inducted into the UT Academy of Distinguished Teachers and numerous other capabilities across a wide range of applications.

We will delve into the challenges that early adopters of perceptual AI have faced and why some product developers may still perceive it as too complicated, expensive or unreliable—and what can be done to address these issues.

Above all, we will chart a path forward for the industry, aiming to “cross the chasm” and make perceptual AI at the edge as commonplace as LCD displays and wireless connectivity.

Our panel of distinguished industry experts will share their insights on what it will take to unlock the full potential of this groundbreaking technology, empowering it to enhance ease of use, safety, autonomy and numerous other capabilities across a wide range of applications.

We will delive into the challenges that early adopters of perceptual AI have faced and why some product developers may still perceive it as too complicated, expensive or unreliable—and what can be done to address these issues.

Join us on a journey toward the era of AI everywhere—where perceptual AI at the edge is as commonplace as LCD displays and wireless connectivity.

About Kristen Grauman

Kristen Grauman is a Professor in the Department of Computer Science at the University of Texas at Austin and a Research Director in Facebook AI Research (FAIR). Her research in computer vision and machine learning focuses on video, visual recognition and action for perception or embodied AI. Before joining UT-Austin in 2007, she received her PhD at MIT and BA at Boston College. She is an IEEE Fellow, AAAI Fellow, Sloan Fellow, a Microsoft Research New Faculty Fellow and a recipient of NSF CAREER and ONR Young Investigator awards, the PAMI Young Researcher Award, the 2013 Computers and Thought Award from the International Joint Conference on Artificial Intelligence (IJCAI), the Presidential Early Career Award for Scientists and Engineers (PECASE), the J.K. Aggarwal Prize and a finalist for the Blavatnik National Award for Young Scientists. She was inducted into the UT Academy of Distinguished Teachers in 2017. She and her collaborators have been recognized with several Best Paper awards in computer vision, including a 2011 Marr Prize and a 2017 Helmholtz Prize (test of time award). She has given plenary keynotes at ICLR, IROS, MICCAI, ICPR, BMVC, ICIP, AAAI, IJCAI and AAMAS. She served for six years as an Associate Editor-in-Chief for the IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI) and for ten years as an Editorial Board member for the International Journal of Computer Vision (IJCV). She also served as a Program Chair of the IEEE Conference on Computer Vision and Pattern Recognition (CVPR) 2015, Neural Information Processing Systems (NeurIPS) 2018 and the IEEE International Conference on Computer Vision (ICCV) 2023.

General Sessions

Following Jeff Bier’s opening remarks, “A View from the Summit”
(9:00 am - 9:30 am on Tuesday and Wednesday), join us for our Keynote and General Sessions!

Tuesday

Panel: Accelerating the Era of AI Everywhere

Sponsored by DEXP

Moderator: Jeff Bier
President, BDI / Founder, Edge AI and Vision Alliance

Panelists:
- Dean Kamen
  Founder, DGA Research & Development
- Lokwon Kim
  CEO, DEXP
- Jason Laven
  Advanced Development Engineering, Kroenke Dr Pepper
- Pete Warden
  Chief Executive Officer, Useful Sensors

Join us on a journey toward the era of AI everywhere—where perceptual AI at the edge is as commonplace as LCD displays and wireless connectivity.

Our panel of distinguished industry experts will share their insights on what it will take to unlock the full potential of this groundbreaking technology, empowering it to enhance ease of use, safety, autonomy and numerous other capabilities across a wide range of applications.

With state-of-the-art generative models approaching exceeding 100B parameters, will generative AI obviate the need for massive reservoirs of hand-labeled training data? Will it accelerate our ability to create systems that effortlessly meld multiple types of data, such as text, images and sound?

Seemingly overnight, ChatGPT has spurred massive interest in—and excitement around—generative AI, and has become the fastest-growing application in history.

How will generative AI transform how we think about AI and how we use it? What types of commercial applications are best suited for solutions powered by today’s generative AI technology?

Will recent advances in generative AI change how we create and use discriminative AI models, like those used for machine perception? Will generative AI obviate the need for massive reservoirs of hand-labeled training data? Will it accelerate our ability to create systems that effortlessly meld multiple types of data, such as text, images and sound?

Panelists:
- To be announced

Wednesday

Panel on Generative AI: How Will It Impact Edge Applications and Machine Perception?

Moderator: Sally Ward-Foxton
Senior Reporter, EE Times

Panelists:
- Seemingly overnight, ChatGPT has spurred massive interest in—and excitement around—generative AI, and has become the fastest-growing application in history.
- How will generative AI transform how we think about AI and how we use it? What types of commercial applications are best suited for solutions powered by today’s generative AI technology?
- Will recent advances in generative AI change how we create and use discriminative AI models, like those used for machine perception? Will generative AI obviate the need for massive reservoirs of hand-labeled training data? Will it accelerate our ability to create systems that effortlessly meld multiple types of data, such as text, images and sound?
- With state-of-the-art generative models approaching exceeding 100B parameters, will generative models ever be suitable for deployment at the edge? If so, for what use cases?
- Join us for a lively and insightful panel discussion to explore these and many other questions around the rapidly-evolving role of generative AI in edge and machine perception applications.
### Tuesday Sessions Overview

#### Technical Insights 1
**Mission City Ballroom—B1-B5**
- **11:25 am - 11:55 am**
  - Reinventing GANs Much Better, or If at First You Don’t Succeed, Try, Try a CAN
  - Steve Teig, CEO, Porcine
- **12:00 pm - 12:30 pm**
  - Efficient Neuronomorphic Computing with Dynamic Vision Sensor, Spiking Neural Network Accelerator and Hardware-Aware Algorithms
  - Jae-woo Seo, Associate Professor, Arizona State University

#### Technical Insights 2
**Mission City Ballroom—M1-M3**
- **11:25 am - 11:55 am**
  - Video-Language Representations for Robotics
  - Dinesh Jayapalan, Assistant Professor, University of Pennsylvania
- **12:00 pm - 12:30 pm**
  - Detecting Data Drift in Image Classification Neural Networks
  - Syros Tzogopoulos, Professor and School Director, Southern Illinois University, Carbondale

#### Fundamentals
**Room 209-210 (Upstairs)**
- **11:25 am - 12:30 pm**
  - Introduction to Computer Vision with Convolutional Neural Networks
  - Michael T. Haggarty, Independent
- **12:00 pm - 12:30 pm**
  - Advanced Computer Vision: It’s Better Than Facial Recognition!
  - Susan Kennedy, Assistant Professor of Computer Science, Santa Clara University

#### Business Insights
**Theater (Upstairs)**
- **11:25 am - 11:55 am**
  - Reinventing Smart Cities with Computer Vision
  - Fanvil Shikunz, Co-Founder and CTO, Hayden AI
- **12:00 pm - 12:30 pm**
  - Blas in Computer Vision: It’s Better Than Facial Recognition!
  - Susan Kennedy, Assistant Professor of Philosophy, Santa Clara University

---

### Monday

#### Edge AI Deep Dives
**Room 209-210 (Upstairs)**
- **12:00 pm - 3:00 pm**
  - mashed up for the ticket holder
  - **Maximizing Efficiency of Edge AI Models with Minimum Effort**
  - Nanda Nayampally, Chief Marketing Officer, Qualcomm

#### Selecting Image Sensors for Image/Video Applications: Three Case Studies
**Room 209-210 (Upstairs)**
- **2:05 pm - 3:10 pm**
  - Monica Houston, Technical Solutions Manager, Avnet

#### Item Recognition in Retail
**Room 209-210 (Upstairs)**
- **2:40 pm - 3:10 pm**
  - Uman Thampi, Camera and Imaging Consultant, BPV Alliance

#### Developing an Embedded Vision AI-Powered Fitness System
**Mission City Ballroom—B1-B5**
- **1:30 pm - 2:00 pm**
  - Sanjay Mathur, VP, Artificial Intelligence and Computer Vision, Peloton Interactive

#### Selecting Image Sensors for Image/Video Applications: Three Case Studies
**Mission City Ballroom—B1-B5**
- **2:05 pm - 2:35 pm**
  - Monica Houston, Technical Solutions Manager, Avnet

#### Introducing to the MIPI CSI-2 Image Sensor Interface Standard
**Mission City Ballroom—B1-B5**
- **2:40 pm - 3:10 pm**
  - Haran Thampi, Camera and Imaging Consultant, BPV Alliance

### Edge AI Deep Dives
**Room 209-210 (Upstairs)**
- **4:30 pm - 4:45 pm**
  - Computer Vision in Sports: Scalable Solutions for Problems and Implementing Solutions
  - Sahil Vassad, CEO and Head of Engineering, Sensor Corbit

---

### Tuesday

#### Enabling Technologies 1
**Exhibit Hall—EF1**
- **1:30 pm - 2:00 pm**
  - DEEPX’s New M1 NPU Delivers Flexibility, Accuracy, Efficiency and Performance
  - John Olin, Executive Vice President, DEEPX
- **2:05 pm - 2:35 pm**
  - Accelerating Newer ML Models Using the Qualcomm AI Stack
  - Vishesh Sakharkar, Senior Director and Head of AI/ML Product Management, Qualcomm Technologies
- **2:40 pm - 3:10 pm**
  - Visual Anomaly Detection with FOMO-AD
  - Jane Jonsson, Co-Founder and CTO, Edge Impulse
- **3:10 pm - 4:35 pm Break - Be sure to visit the Exhibit Hall**

#### Enabling Technologies 2
**Exhibit Hall—ET2**
- **1:30 pm - 2:00 pm**
  - AI-ISP: Adding Real-Time AI Functionality to Image Signal Processing with Reduced Memory Footprint and Processing Latency
  - Makki Lu, Chief Architect, NPU IP Development, HitekVision
- **2:05 pm - 2:35 pm**
  - Building Large-Scale Distributed Computer Vision Solutions Without Starting from Scratch
  - Darren Oubon, Director of Platform Business Development, Network Optx
- **2:40 pm - 3:10 pm**
  - Challenges in Architecting Vision Inference Systems for Transformer Models
  - Cheng Wang, Co-Founder and CTO, Flex Logix

#### Enabling Technologies 3
**Exhibit Hall—ET3**
- **1:30 pm - 2:00 pm**
  - Modernizing the Development of AI-Based IoT Devices with Wedge
  - Dan Mihai Dravus, Chief Technology Officer, Monolika, a Story Group Company
- **2:05 pm - 2:35 pm**
  - How to Select, Train, Optimize and Deploy Edge AI Models in Three Days
  - Steven Kim, Co-CEO, Nota America
- **2:40 pm - 3:10 pm**
  - Image Sensors to Enable Cost and Low-Power Computer Vision Applications
  - Rochy Upadhyay, Technical Marketing Manager, STMicroelectronics
### Wednesday Sessions Overview

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Code</th>
<th>Title</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15 am</td>
<td>T1W03</td>
<td>Technical Insights 1 Session Code (e.g., T1T01) allow for quick searching in our event app!</td>
<td>Kiriti Nagesh Gowda, SMTS Engineer, AMD / Vice President of Developer Ecosystems, Neil Trevett, President, The Khronos Group, Parshad Patel, Data Scientist, Yummly and Development, Camio Smart Workplaces, Collaboration, Cisco</td>
</tr>
<tr>
<td>10:30 am</td>
<td>T2W03</td>
<td>Technical Insights 2</td>
<td>Andrew Harris, Spacecraft Systems Engineer, SCOUT Space, Kamal Drucker, Machine Learning Software Architect, CEVA</td>
</tr>
<tr>
<td>10:45 am</td>
<td>T2W03</td>
<td>Technical Insights 3</td>
<td>John Feland, Forrest Iandola, Vin Ratford, ProHawk Technology, Ian Riches, Vice President of the Global Markets: What’s Changing?</td>
</tr>
<tr>
<td>10:00 am</td>
<td>E1W07</td>
<td>Enabling Technologies 1</td>
<td>Srikanth Jagannathan, Product Manager, NXP Semiconductors, Charles Macfarlane, Chief Business Officer, Codalpy Software</td>
</tr>
<tr>
<td>10:15 am</td>
<td>E1W08</td>
<td>Enabling Technologies 2</td>
<td>Tim Hartley, VP Product, SeeChange</td>
</tr>
<tr>
<td>10:30 am</td>
<td>E2W07</td>
<td>Enabling Technologies 3</td>
<td>Stephen Su, Senior Product Manager, Arm</td>
</tr>
<tr>
<td>10:45 am</td>
<td>E2W07</td>
<td>Enabling Technologies 4</td>
<td>A New, Open-Standards-Based, Open-Source Programming Model for All Accelerators</td>
</tr>
<tr>
<td>10:00 am</td>
<td>E7T01</td>
<td>Wednesday</td>
<td>Five Things You Might Overlook On Your Next Vision-Enabled Product Design</td>
</tr>
<tr>
<td>10:15 am</td>
<td>E7T01</td>
<td>Wednesday</td>
<td>Introducing the LMX 93: Your “Go-To” Processor for Embedded Vision</td>
</tr>
<tr>
<td>10:30 am</td>
<td>E7T01</td>
<td>Wednesday</td>
<td>Stilahn Jagenasathie, Product Manager, NVIDIA Accelerators</td>
</tr>
<tr>
<td>10:45 am</td>
<td>E7T01</td>
<td>Wednesday</td>
<td>Introducing the LMX 93: Your “Go-To” Processor for Embedded Vision</td>
</tr>
</tbody>
</table>

### Technical Insights 1: Session Code (e.g., T1T01) allow for quick searching in our event app!

**Session Overview**

- **10:15 am - 10:45 am**: AI Start-Up: The Perils of Fishing for Whales (War Stories from the Entrepreneurial Front Lines)
  - Tom Harvey, VP Product, SeeChange Technologies
- **10:50 am - 11:20 am**: Responsible AI: Tools and Frameworks for Developing AI Solutions
  - Merlin River, Senior Cloud Software Engineering Manager, AWS
- **11:25 am - 11:55 am**: Deploy Your Embedded Vision Solution on Any Processor Using Edge Impulse
  - Ani Sherman, Global Semiconductor Business Development Director, Edge Impulse
- **12:00 pm - 12:30 pm**: Open Standards Unleash Hardware Acceleration for Embedded Vision
  - Neil Trevett, President, The Khronos Group / Vice President of Developer Ecosystems, NVIDA
- **1:30 pm - 1:35 pm**: Practical Approaches to DNN Quantization
  - Guohua Chen, Senior Embedded DSP Engineer, Computer Vision, Magic Loop
- **2:40 pm - 2:50 pm**: Doing More with Less: Optimizing Image Quality and Stereo Depth at the Edge
  - Travis Davis, Delivery Manager, Automation and Innovation Core, John Deere
- **2:40 pm - 3:10 pm**: Introduction to Semantic Segmentation
  - Sibton Taylor, Vice President of Research and Development, Au-Zone Technologies
- **4:30 pm - 4:45 pm**: Next-Generation Computer Vision Methods for Automated Navigation of Unmanned Aircraft
  - Jade Bopard, Applied Research Imaging AI, immersion
- **4:45 pm - 5:00 pm**: Embedded Vision: Enabling AI for Autonomous Driving
  - Robert Laganiere, Professor, University of Ottawa / CEO, Sensor Contex
- **5:00 pm - 5:15 pm**: Vision Tank Start-Up Competition
  - Anil Prabhakar, Founder and CEO, Lemur Imaging

**Fundamentals Room**

- **Room 209-210 (Upstairs)**

**Business Insights**

- **Theater (Upstairs)**

**Enabling Technologies**

- **Exhibit Hall – E1**

**Wednesday**

- **10:00 am - 10:30 am**: A Very Low-Power Human-Machine Interface Using Top Sensors and Embedded AI
  - Mehdi Khorasani, Machine Learning Engineer, 7 Sensing Software
- **11:25 am - 11:55 am**: Using a Neural Processor for Always-Sensing Cameras
  - Shaarul Choke, Chief Scientist and Co-Founder, Esperdra
- **12:00 pm - 12:30 pm**: State-of-the-Art Model Quantization and Optimization for Efficient Edge AI
  - Asayat Kim, Senior Staff Engineer, Deepx
- **2:40 pm - 3:10 pm**: AI Can Solve the Light Loss and HDR Challenge?
  - Omer Dodir, CEO, Visionary AI
- **4:15 pm - 4:45 pm**: Five Things You Might Overlook On Your Next Vision-Enabled Product Design
  - PW Lapszyk, Co-Founder and Vice President, BIOTI
Event Guide Addendum

Welcome to the 2023 Embedded Vision Summit!
The following program and exhibit changes occurred after the Event Guide went to print:

SESSIONS
We are pleased to announce the panelists for the Wednesday General Session, 9:30 am - 10:00 am:
Generative AI: How Will It Impact Edge Applications and Machine Perception?

Moderator:
Sally Ward-Foxton, Senior Reporter, EE Times

Panelists:
Greg Kostello, CTO and Co-Founder, Huma.AI
Roland Memisevic, Senior Director, Qualcomm AI Research
Vivek Pradeep, Partner Research Manager, Microsoft
Steve Teig, CEO, Perceive

Yoav Banin (Chief Product and Business Development Officer, Nauto) replaces Stefan Heck as speaker in “Tracking and Fusing Diverse Risk Factors to Drive a SAFER Future” (BT09) on Tuesday, 4:15 pm - 4:45 pm.

Amol Borkar (Product Marketing Director, Cadence) replaces Pulin Desai as speaker in “Tensilica Processor Cores Enable Sensor Fusion for Robust Perception” (E2T10) on Tuesday, 4:50 pm - 5:20 pm.

“Device Differentiation Via a Low-Power, AI-Driven Media Processing Unit” (E1W08) by Petronel Bigioi (Xperi) on Wednesday, 2:05 pm - 2:35 pm has been canceled.

“Using Computer Vision to Modernize Logistics” (BW06) by Sam Lurye (Kargo) on Wednesday, 12:00 pm - 12:30 pm has been canceled.

NEW EXHIBITORS
Deci will be exhibiting in the Technology Exhibits, Booth 715.
Tenyks will be exhibiting in the Technology Exhibits, Booth 814.

SPEAKER OFFICE HOURS
Chat with selected speakers in the Speaker Square located in the Exhibit Hall.

TUESDAY
1:30 pm - 2:15 pm
Kristen Grauman (University of Texas at Austin / Facebook AI Research)
Topic: First-person video and multimodal perception

2:30 pm - 3:15 pm
Susan Kennedy (Santa Clara University)
Topic: Bias and ethics

3:30 pm - 4:15 pm
Pete Warden (Useful Sensors)
Topic: Enabling edge AI everywhere

4:30 pm - 5:15 pm
Todd Poole (HPE Pathfinder)
Topic: Venture capital

WEDNESDAY
10:30 am - 11:15 am
Sally Ward-Foxton (EE Times)
Greg Kostello (Huma.AI)
Roland Memisevic (Qualcomm AI Research)
Vivek Pradeep (Microsoft)
Steve Teig (Perceive)
Topic: Generative AI

11:30 am - 12:15 pm
Alex Thaman (Red Cell Partners)
Topic: Bias in computer vision systems

1:30 pm - 2:15 pm
Chris Rowen (Cisco)
Topic: Machine learning for video

2:30 pm - 3:15 pm
Jason Lavene (Keurig Dr Pepper)
Topic: Developing low-cost vision systems

3:30 pm - 4:15 pm
Ian Riches (TechInsights)
Topic: Automotive markets and technologies