Agenda

Training and Deep Dive — Tuesday May 20

8:00 am - 5:00 pm
Registration

Separate registration and fee required for each session on May 20.

VLM Training

edge ai + vision ALLIANCE

OpenCV

9:00 am - 12:00 pm **$495**
Great America Ballroom—J

Vision-Language Models for Computer Vision Applications: A Hands-On Introduction

This intensive training session is designed to introduce the latest techniques in vision-language models (VLMs) and their integration with traditional computer vision methods. With a focus on the practical application of these techniques for real-world use cases, this course is for professionals looking to expand their skill set in AI-driven computer vision, particularly in systems designed for deployment at the edge.

Edge AI Deep Dive™

Qualcomm

1:30 pm - 4:30 pm **$25**
Great America Ballroom—J

Accelerating Model Deployment with Qualcomm AI Hub

Join us for an immersive workshop where you'll discover how to harness the power of AI Hub to streamline your deployment process and bring your AI applications to life. Bring your laptop to join in as we dive deep and empower you to efficiently deploy optimized models on real devices using Qualcomm AI Hub.

In addition to addressing the common challenges faced by developers bringing AI to edge devices, attendees will have opportunities to discuss difficult use cases with the Qualcomm AI Hub team and engage in hands-on sessions tailored for machine learning engineers and AI/ML application developers, including those building AI models for Android, Windows and IoT/AIoT applications.

Summit — Wednesday May 21

7:30 am - 7:00 pm **Registration**
7:30 am - 9:00 am **Coffee and Pastries**

9:00 am - 11:10 am
Introduction, Awards and Keynote
Mission City Ballroom—B1-B5

INTRODUCTION
A View from the Summit (Part 1)
Jeff Bier, Founder, Edge AI and Vision Alliance

PRODUCT OF THE YEAR AWARDS
AI INNOVATION AWARDS

KEYNOTE
The Future of Visual AI: Efficient Multimodal Intelligence
Trevor Darrell, Professor, University of California, Berkeley

11:10 am - 11:25 am Break

11:25 am - 12:30 pm **Morning Sessions**
Technical Insights 1 | Technical Insights 2
Fundamentals | Business Insights

12:30 pm - 7:30 pm Technology Exhibits Exhibit Hall

12:30 pm - 1:30 pm Lunch Exhibit Hall

1:30 pm - 3:10 pm **Afternoon Sessions**
Technical Insights 1 | Technical Insights 2
Fundamentals | Business Insights
Enabling Technologies 1
Enabling Technologies 2
Enabling Technologies 3

3:10 pm - 4:15 pm Break

4:15 pm - 5:55 pm **Afternoon Sessions**
Technical Insights 1 | Technical Insights 2
Fundamentals | Business Insights
Enabling Technologies 1
Enabling Technologies 2
Enabling Technologies 3

6:00 pm - 7:30 pm Technology Exhibits Reception Exhibit Hall

6:00 pm - 7:30 pm **Evening Events**

6:30 pm - 7:30 pm
Women in Vision Reception
Exhibit Hall—ET-3

Summit — Thursday May 22

7:30 am - 5:00 pm **Registration**
7:30 am - 9:00 am **Coffee and Pastries**

9:00 am - 11:10 am
Introduction, Keynote and Panel
Mission City Ballroom—B1-B5

INTRODUCTION
A View from the Summit (Part 2)
Jeff Bier, Founder, Edge AI and Vision Alliance

KEYNOTE
Real-World AI and Computer Vision Innovation at Scale
Gérard Medioni, Vice President and Distinguished Scientist, Amazon Prime Video and MGM Studios

PANEL
Edge AI and Vision at Scale: What's Real, What's Next, What's Missing?
*Moderator: **Sally Ward-Foxton**, Senior Reporter,* EE Times
*Panelists: **Vikas Bhardwaj**, Director, AI, Reality Labs, Meta*
***Vaibhav Ghadiok**, Co-Founder and CTO, Hayden AI*
***Gérard Medioni**, Vice President and Distinguished Scientist, Amazon Prime Video and MGM Studios*
***Chen Wu**, Director, Head of Perception, Waymo*

11:10 am - 11:25 am Break

11:25 am - 12:30 pm **Morning Sessions**
Technical Insights 1 | Technical Insights 2
Fundamentals | Business Insights
Enabling Technologies 1
Enabling Technologies 2

11:00 am - 5:00 pm Technology Exhibits Exhibit Hall

12:30 pm - 1:30 pm Lunch Exhibit Hall

1:30 pm - 3:10 pm **Afternoon Sessions**
Technical Insights 1 | Technical Insights 2
Fundamentals | Business Insights
Enabling Technologies 1
Enabling Technologies 2

3:10 pm - 4:15 pm Break

4:15 pm - 5:55 pm **Afternoon Sessions**
Technical Insights 1 | Technical Insights 2
Fundamentals | Business Insights

Overview

April 24, Based on R13
Contents are subject to change

Wednesday Keynote

Following Jeff Bier's opening remarks, "A View from the Summit" (9:00 am - 9:50 am on Wednesday), join us for our Keynote and Awards!

9:50 am - 10:50 am

Wednesday

The Future of Visual AI: Efficient Multimodal Intelligence

Trevor Darrell

Professor, University of California, Berkeley

AI is on the cusp of a revolution, driven by the convergence of several breakthroughs. One of the most significant of these advances is the development of large language models (LLMs) that can reason like humans, enabling them to make decisions and take actions based on complex, nuanced inputs. Another is the integration of natural language processing and computer vision through vision-language models (VLMs).

In this Keynote talk, Professor Trevor Darrell of UC Berkeley will share his perspective on the current state and trajectory of research advancing machine intelligence. Darrell will present highlights of his group's groundbreaking work, including methods for training vision models when labeled data is unavailable and techniques that enable robots to determine appropriate actions in novel situations.

Particularly relevant to edge applications, much of Professor Darrell's work aims to overcome obstacles—such as massive memory and compute requirements—that limit the practical applications of state-of-the-art models. For example, he will discuss approaches to making VLMs smaller and more efficient while retaining accuracy. He will also show how LLMs can be used as visual reasoning coordinators, overseeing the use of multiple task-specific models to enable superior performance.

Darrell will also demonstrate how multimodal AI, visual perception and prompt-tuned reasoning are enabling consumers to utilize visual intelligence at home while preserving privacy.

About Trevor Darrell

Trevor Darrell is a Computer Scientist and Professor at the University of California, Berkeley, where he founded and co-leads UC Berkeley's Berkeley Artificial Intelligence Research (BAIR) Lab, the Berkeley DeepDrive Industrial Consortia and the BAIR Commons program.

Darrell is recognized for his contributions across several key areas in artificial intelligence. In computer vision, Darrell's work has focused on advancements in object detection, semantic segmentation and feature extraction techniques. His research has also advanced unsupervised learning techniques and adaptive models that improve generalization from limited examples, as well as cross-modal methods that integrate various data types.

Darrell and colleagues created the Caffe deep learning framework, which quickly became one of the most widely used platforms for deep learning.

Darrell is the author or co-author of papers that have been cited nearly 300,000 times. In 2024, Darrell and his co-authors received three Test of Time awards for exceptionally impactful papers: "DeCAF: A Deep Convolutional Activation Feature for Generic Visual Recognition," "Rich Feature Hierarchies for Accurate Object Detection and Semantic Segmentation" and "Caffe: Convolutional Architecture for Fast Feature Embedding."

Beyond academia, Darrell is an advisor to several ventures, including SafelyYou, Nexar and SuperAnnotate. Previously, he advised Pinterest, Tyzx, IQ Engines, Koozoo, BotSquare/Flutter, MetaMind, Trendage, Center Stage, KiwiBot, WaveOne, DeepScale and Grabango. He also co-founded and serves as President of Prompt AI.

Thursday Keynote

Following Jeff Bier's opening remarks, "A View from the Summit" (9:00 am - 9:35 am on Thursday), join us for our Keynote and Panel!

9:35 am - 10:25 am

Thursday

Real-World AI and Computer Vision Innovation at Scale

Gérard Medioni

Vice President and Distinguished Scientist, Amazon Prime Video and MGM Studios

Gérard Medioni, Vice President and Distinguished Scientist at Prime Video and Amazon MGM Studios, will discuss his work on the innovative Just Walk Out technology, as well as the Amazon One identity service. Moving to the world of entertainment, the session will also highlight the technology that powers Prime Video, including AI innovations that are improving the streaming experience for over 200 million Prime members worldwide. Attendees will gain insights into how these technologies are reshaping entertainment and consider how they will evolve in the coming years to enhance viewer engagement, storytelling and personalization.

About Gérard Medioni

A ten-year Amazon veteran, Gérard Medioni is a member of the leadership team for Prime Video and Amazon MGM Studios, where he drives adoption of artificial intelligence in content understanding and applications. Prior to joining Prime Video, Gérard was responsible for leading AI and computer vision-based research efforts powering Amazon's Just Walk Out technology, which provides checkout-free shopping experiences, and the Amazon One palm recognition service, which delivers a new means of identification for entry and payment. Gérard is Professor Emeritus of Computer Science at USC, where he served as the Chair of the CS Department from 2001 to 2007. He is a Fellow of AAAI, IEEE, ACM and NAI, and a member of the National Academy of Engineering.

Panel

10:25 am - 11:10 am

Thursday

Edge AI and Vision at Scale: What's Real, What's Next, What's Missing?

Moderator: Sally Ward-Foxton

Senior Reporter, EE Times

Panelists:

Vikas Bhardwaj

Director, AI, Reality Labs, Meta

Vaibhav Ghadiok

Co-Founder and CTO, Hayden AI

Gérard Medioni

Vice President and Distinguished Scientist, Amazon Prime Video and MGM Studios

Chen Wu

Director, Head of Perception, Waymo

Edge AI and vision are no longer science projects—some applications, such as automotive safety systems, have already achieved massive scale. But for every success story, there are many more edge AI and computer vision products that have struggled to move beyond pilot deployments. So what's holding them back?

Scaling edge AI involves far more than just getting a model to run on a device. Challenges range from physical installation and fleet management to model updates, data drift, hardware changes and supply chain disruptions. And as systems grow, so do the variations in environments, sensor quality and real-world conditions.

What does "scale" really mean in this space—and what does it take to get there? To explore these questions, we've assembled a panel of experts with firsthand experience deploying edge AI at scale. Join us for a candid and practical discussion of what's real, what's next and what's still missing.

Wednesday **Sessions Overview**

= Invited presentation

Read the full session abstracts on pages 32-42

Session slides will be available about a week after the Summit. You will receive an email when they are available.

Technical Insights 1
Mission City Ballroom—B1-B5

11:25 am - 11:55 am T1W04
Depth Estimation from Monocular Images Using Geometric Foundation Models
Rareș Ambruș, Senior Manager, Large Behavior Models, Toyota Research Institute

12:00 pm - 12:30 pm T1W05
Optimizing Real-Time SLAM Performance for Autonomous Robots with GPU Acceleration
Naitik Nakrani, Solution Architect Manager, eInfochips

12:30 pm - 1:30 pm Lunch in the Exhibit Hall

1:30 pm - 2:00 pm T1W06
Scaling Machine Learning with Containers: Lessons Learned
Rustem Feyzkhanov, Machine Learning Engineer, Instrumental

2:05 pm - 2:35 pm T1W07
Scaling Computer Vision at the Edge
Eric Danziger, CEO, Invisible AI

2:40 pm - 3:10 pm T1W08
Vision-Language Models on the Edge
Cyril Zakka, Health Lead, Hugging Face

3:10 pm - 4:15 pm Break - Be sure to visit the Exhibit Hall!

4:15 pm - 4:45 pm T1W09
Unlocking Visual Intelligence: Advanced Prompt Engineering for Vision-Language Models
Alina Li Zhang, Senior Data Scientist, Tech Writer, LinkedIn Learning

4:50 pm - 5:20 pm T1W10
Multimodal Enterprise-Scale Applications in the Generative AI Era
Mumtaz Vauhkonen, Senior Director of AI, Skyworks Solutions

5:25 pm - 5:55 pm T1W11
Customizing Vision-Language Models for Real-World Applications
Monika Jhuria, Technical Marketing Engineer, NVIDIA

Technical Insights 2
Mission City Ballroom—M1-M3

11:25 am - 11:55 am T2W04
The New OpenCV 5.0: Added Features, Performance Improvements and Future Directions
Satya Mallick, CEO, OpenCV.org

12:00 pm - 12:30 pm T2W05
Simplifying Portable Computer Vision with OpenVX 2.0
Kiriti Nagesh Gowda, Staff Engineer, AMD

1:30 pm - 2:00 pm T2W06
Deploying Accelerated ML and AI: The Role of Khronos Open Standards
Neil Trevett, President, Khronos Group

2:05 pm - 2:35 pm T2W07
Developing a GStreamer-Based Custom Camera System for Long-Range Biometric Data Collection
Gavin Jager, Researcher and Lab Space Manager, Oak Ridge National Laboratory

2:40 pm - 3:10 pm T2W08
An Introduction to the MIPI CSI-2 Image Sensor Standard and Its Latest Advances
Haran Thanigasalam, Camera and Imaging Systems Consultant, MIPI Alliance

4:15 pm - 4:45 pm T2W09
Taking Computer Vision Products from Prototype to Robust Product: An Interview with Chris Padwick
Chris Padwick, Machine Learning Engineer, Blue River Technology
Mark Jamtgaard, Director of Technology, RetailNext

4:50 pm - 5:20 pm T2W10
Improving Worksite Safety with AI-Powered Perception
Sabri Bayoudh, Chief Innovation Officer, Arcure

Fundamentals
Great America Ballroom—J

11:25 am - 12:30 pm FW04
Introduction to Deep Learning and Visual AI: Fundamentals and Architectures
Mohammad Haghighat, Senior Manager, CoreAI, eBay

1:30 pm - 2:35 pm FW06
Introduction to DNN Training: Fundamentals, Process and Best Practices
Kevin Weekly, CEO, Think Circuits

2:40 pm - 3:10 pm FW08
Visual Search: Fine-Grained Recognition with Embedding Models for the Edge
Omid Azizi, Co-Founder, Gimlet Labs

4:15 pm - 5:20 pm FW09
Transformer Networks: How They Work and Why They Matter
Rakshit Agrawal, Principal AI Scientist, Synthpop AI

5:25 pm - 5:55 pm FW11
Object Detection Models: Balancing Speed, Accuracy and Efficiency
Sage Elliott, AI Engineer, Union.ai

Business Insights
Great America Ballroom—K

11:25 am - 11:55 am BW04
SKAIVISION: Transforming Automotive Dealerships with Computer Vision
Jason Fayling, Co-Founder and Chief Technology Officer, SKAIVISION

12:00 pm - 12:30 pm BW05
A New Era of 3D Sensing: Transforming Industries and Creating Opportunities
Florian Domengie, Principal Technology and Market Analyst, Imaging, Yole Group

12:30 pm - 1:30 pm Lunch in the Exhibit Hall

1:30 pm - 2:00 pm BW06
LLMs and VLMs for Regulatory Compliance, Quality Control and Safety Applications
Lazar Trifunovic, Solutions Architect, Camio

2:05 pm - 2:35 pm BW07
Lessons Learned Building and Deploying a Weed-Killing Robot
Xiong Chang, CEO and Co-Founder, Tensorfield Agriculture

2:40 pm - 3:10 pm BW08
Scaling Artificial Intelligence and Computer Vision for Conservation
Matt Merrifield, Chief Technology Officer, The Nature Conservancy

3:10 pm - 4:15 pm Break - Be sure to visit the Exhibit Hall!

4:15 pm - 4:45 pm BW09
Interview: Three Big Topics in Autonomous Driving and ADAS
Frank Moesle, Software Department Manager, Valeo
Junko Yoshida, Independent Journalist

4:50 pm - 5:55 pm BW10
Interview: Virtual Reality, Machine Learning and Biosensing Advances Converging to Transform Healthcare and Beyond
Walter Greenleaf, Neuroscientist, Stanford University Virtual Human Interaction Lab
Tom Vogelsong, Start-Up Scout, K2X Technology and Life Science

Enabling Technologies 1
Exhibit Hall—ET-1

1:30 pm - 2:00 pm E1W06
Addressing Evolving AI Model Challenges Through Memory and Storage
Wil Florentino, Senior Segment Marketing Manager, Micron

2:05 pm - 2:35 pm E1W07
Why It's Critical to Have an Integrated Development Methodology for Edge AI
Sreepada Hegade, Director, ML Systems and Software, Lattice Semiconductor

2:40 pm - 3:10 pm E1W08
Image Tokenization for Distributed Neural Cascades
Shang-Hung Lin, Vice President of NPU Technology, VeriSilicon
Derek Chow, Software Engineer, Google

4:15 pm - 4:45 pm E1W09
Evolving Inference Processor Software Stacks to Support LLMs
Ramteja Tadishetti, Principal Software Engineer, Expedera

4:50 pm - 5:20 pm E1W10
MPU+: A Transformative Solution for Next-Gen AI at the Edge
Petronel Bigioi, CEO, FotoNation

5:25 pm - 5:55 pm E1W11
Voice Interfaces on a Budget: Building Real-Time Speech Recognition on Low-Cost Hardware
Pete Warden, CEO, Useful Sensors

Enabling Technologies 2
Exhibit Hall—ET-2

1:30 pm - 2:00 pm E2W06
Rapid Development of AI-Powered Embedded Vision Solutions—Without a Team of Experts
Marcel Wouters, Senior Software Engineer, Network Optix

2:05 pm - 2:35 pm E2W07
State-Space Models vs. Transformers for Ultra-Low-Power Edge AI
Tony Lewis, Chief Technology Officer, BrainChip

2:40 pm - 3:10 pm E2W08
Bridging the Gap: Streamlining the Process of Deploying AI onto Processors
Taesu Kim, Chief Technology Officer, SqueezeBits

4:15 pm - 4:45 pm E2W09
Computer Vision at Sea: Automated Fish Tracking for Sustainable Fishing
Alicia Schandy Wood, Machine Learning Engineer, Tryolabs
Vienna Saccomanno, Senior Scientist, The Nature Conservancy

4:50 pm - 5:20 pm E2W10
Efficiently Registering Depth and RGB Images
Naitik Nakrani, Solution Architect Manager, eInfochips

Enabling Technologies 3
Exhibit Hall—ET-3

1:30 pm - 2:00 pm E3W06
Solving Tomorrow's AI Problems Today with Cadence's Newest Processor
Amol Borkar, Product Marketing Director, Cadence

2:05 pm - 2:35 pm E3W07
Running Accelerated CNNs on Low-Power Microcontrollers Using Arm Ethos-U55, TensorFlow and Numpy
Kwabena Agyeman, President, OpenMV

2:40 pm - 3:10 pm E3W08
From Enterprise to Makers: Driving Vision AI Innovation at the Extreme Edge
Amir Servi, Edge Deep Learning Product Manager, Sony Semiconductor Solutions

4:15 pm - 4:45 pm E3W09
How to Right-Size and Future-Proof a Container-First Edge AI Infrastructure
Carl Moberg, CTO, Avassa
Zoie Rittling, Business Development Manager, OnLogic

4:50 pm - 5:20 pm E3W10
How Qualcomm Is Powering AI-Driven Multimedia at the Edge
Ning Bi, Vice President of Engineering, Qualcomm Technologies, Inc.

April 24, Based on R13
Contents are subject to change

Don't miss the **Technology Exhibits Reception 6:00 pm - 7:30 pm** for food, drink and demos in the Exhibit Hall!

Don't miss the **Technology Exhibits Reception 6:00 pm - 7:30 pm** for food, drink and demos in the Exhibit Hall!

Thursday **Sessions Overview**

= Invited presentation

Read the full session abstracts on pages 44-52

Session slides will be available about a week after the Summit. You will receive an email when they are available.

Technical Insights 1
Mission City Ballroom—B1-B5

11:25 am - 11:55 am T1R04
Introduction to Designing with AI Agents
Frantz Lohier, Senior WW Specialist—Advanced Computing, AI and Robotics, Amazon Web Services

12:00 pm - 12:30 pm T1R05
Building Agentic Applications for the Edge
Amit Mate, Founder and CEO, GMAC Intelligence

12:30 pm - 1:30 pm Lunch in the Exhibit Hall

1:30 pm - 2:00 pm T1R06
Vision LLMs in Multi-Agent Collaborative Systems: Architecture and Integration
Niyati Prajapati, ML and Generative AI Lead, Google

2:05 pm - 2:35 pm T1R07
Introduction to Data Types for AI: Trade-Offs and Trends
Joep Boonstra, Synopsys Scientist, Synopsys

2:40 pm - 3:10 pm T1R08
Introduction to Shrinking Models with Quantization-Aware Training and Post-Training Quantization
Robert Cimpeanu, Machine Learning Software Engineer, NXP Semiconductors

3:10 pm - 4:15 pm Break - Be sure to visit the Exhibit Hall!

4:15 pm - 4:45 pm T1R09
Quantization Techniques for Efficient Deployment of Large Language Models: A Comprehensive Review
Dwith Chenna, MTS Product Engineer, AI Inference, AMD

4:50 pm - 5:20 pm T1R10
Introduction to Knowledge Distillation: Smaller, Smarter AI Models for the Edge
David Selinger, CEO, Deep Sentinel

Technical Insights 2
Mission City Ballroom—M1-M3

11:25 am - 11:55 am T2R04
Enabling Ego Vision Applications on Smart Eyewear Devices
Francesca Palermo, Research Principal Investigator, EssilorLuxottica

12:00 pm - 12:30 pm T2R05
Toward Hardware-Agnostic ADAS Implementations for Software-Defined Vehicles
Frank Moesle, Software Department Manager, Valeo

12:30 pm - 1:30 pm Lunch in the Exhibit Hall

1:30 pm - 2:00 pm T2R06
Mastering the End-to-End Machine Learning Model Building Process: Best Practices and Pitfalls
Paril Ghori, Senior Data Scientist, Caterpillar

2:05 pm - 2:35 pm T2R07
Introduction to Enhancing Data Quality for AI Success
Aarohi Tripathi, Senior Data Engineer, CVS Health

2:40 pm - 3:10 pm T2R08
Strategies for Image Dataset Curation from High-Volume Industrial IoT Data
Apurva Godghase, Senior Computer Vision Engineer, Brambles
Dan Bricarello, Computer Vision Lead, Brambles

3:10 pm - 4:15 pm Break - Be sure to visit the Exhibit Hall!

4:15 pm - 4:45 pm T2R09
A Lightweight Camera Stack for Edge AI
Karthick Kumaran, Staff Software Engineer, Meta
Jui Garagate, Camera Software Engineer, Meta

4:50 pm - 5:20 pm T2R10
Integrating Cameras with the Robot Operating System (ROS)
Karthik Poduval, Principal Software Development Engineer, Amazon Lab126

Fundamentals
Great America Ballroom—J

11:25 am - 12:30 pm FR04
Understanding Human Activity from Visual Data
Mehrsan Javan, Chief Technology Officer, Sportlogiq

12:30 pm - 1:30 pm Lunch in the Exhibit Hall

1:30 pm - 2:35 pm FR06
Specifying and Designing Cameras for Computer Vision Applications
Richard Crisp, Vice President and CTO, Etron Technology America

2:40 pm - 3:10 pm FR08
Introduction to Panoptic Segmentation
Naveen Krishnaraj, Senior AI Scientist, Sabanto

3:10 pm - 4:15 pm Break - Be sure to visit the Exhibit Hall!

4:15 pm - 4:45 pm FR09
Introduction to Radar and Its Use for Machine Perception
Amol Borkar, Product Marketing Director, Cadence
Vencatesh Subramanian, Design Engineering Architect, Cadence

4:50 pm - 5:55 pm FR10
Introduction to Depth Sensing: Technologies, Trade-Offs and Applications
Chris Sarantos, Independent Consultant, Think Circuits

Business Insights
Great America Ballroom—K

11:25 am - 11:55 am BR04
AI-Powered Scouting: Democratizing Talent Discovery in Sports
Jonathan Lee, Chief Product Officer, ai.io

12:00 pm - 12:30 pm BR05
Vision-Based Aircraft Functions for Autonomous Flight Systems
Arne Stoschek, Vice President of AI and Autonomy, Acubed (an Airbus innovation center)

12:30 pm - 1:30 pm Lunch in the Exhibit Hall

1:30 pm - 2:00 pm BR06
Real-World Deployment of Mobile Material Handling Robotics in the Supply Chain
Peter Santos, Chief Operating Officer, Pickle Robot Company

2:05 pm - 2:35 pm BR07
Deep Sentinel: Lessons Learned Building, Operating and Scaling an Edge AI Computer Vision Company
David Selinger, CEO, Deep Sentinel

2:40 pm - 3:10 pm BR08
Interview: Technology and Market Trends in CMOS Image Sensors
Florian Domengie, Principal Technology and Market Analyst, Imaging, Yole Group
Shung Chieh, Senior Vice President, Eikon Systems, Eikon Therapeutics

3:10 pm - 4:15 pm Break - Be sure to visit the Exhibit Hall!

4:15 pm - 4:45 pm BR09
Using Computer Vision for Early Detection of Cognitive Decline via Sleep-Wake Data
Ravi Kota, CEO, AI Tensors

Enabling Technologies 1
Exhibit Hall—ET-1

11:25 am - 11:55 am E1R04
OAAX: One Standard for AI Vision on Any Compute Platform
Robin van Emden, Senior Director of Data Science, Network Optix

12:00 pm - 12:30 pm E1R05
Squinting Vision Pipelines: Detecting and Correcting Errors in Vision Models at Runtime
Ken Wenger, Chief Technology Officer, Squint AI

12:30 pm - 1:30 pm Lunch in the Exhibit Hall

1:30 pm - 2:00 pm E1R06
A Re-Imagination of Embedded Vision System Design
Dennis Laudick, Vice President of Product Management and Marketing, Imagination Technologies

Enabling Technologies 2
Exhibit Hall—ET-2

11:25 am - 11:55 am E2R04
Key Requirements to Successfully Implement Generative AI in Edge Devices—Optimized Mapping to the Enhanced NPX6 Neural Processing Unit IP
Gordon Cooper, Synopsys Principal Product Manager, Synopsys

12:00 pm - 12:30 pm E2R05
ONNX and Python to C++: State-of-the-Art Graph Compilation
Nigel Drego, Co-Founder and Chief Technology Officer, Quadric

12:30 pm - 1:30 pm Lunch in the Exhibit Hall

1:30 pm - 2:00 pm E2R06
Beyond the Demo: Turning Computer Vision Prototypes into Scalable, Cost-Effective Solutions
Kit Merker, CEO, Plainsight Technologies

2:05 pm - 2:35 pm E2R07
Scaling i.MX Applications Processors' Native Edge AI with Discrete AI Accelerators
Ali Osman Ors, Director, AI ML Strategy and Technologies, Edge Processing, NXP Semiconductors

2:40 pm - 3:10 pm E2R08
NPU IP Hardware Shaped Through Software and Use-Case Analysis
Yair Siegel, Senior Director, Wireless and Emerging Markets, Ceva