

Agenda

8:00 am - 5:00 pm
Registration

Separate registration and fee required for each session.

VLM Training

Tuesday
May 20



9 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 Day™

Tuesday
May 20

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

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 - 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

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

Overview

Summit

Thursday
May 22

7:30 am - 6:00 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

11:10 am - 11:25 am Break

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Enabling Technologies 1
Enabling Technologies 2

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

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

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 General Session!



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" "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.

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 General Session!



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 2001-2007. He is a Fellow of AAAI, IEEE, ACM and NAI, and a member of the National Academy of Engineering.



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

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

Wednesday

Technical Insights 1 Mission City Ballroom—B1-B5	Technical Insights 2 Mission City Ballroom—M1-M3	Fundamentals Great America Ballroom—J	Business Insights Great America Ballroom—K	Enabling Technologies 1 Exhibit Hall—ET-1	Enabling Technologies 2 Exhibit Hall—ET-2	Enabling Technologies 3 Exhibit Hall—ET-3
<p>11:25 am - 11:55 am TIW04  Depth Estimation from Monocular Images Using Geometric Foundation Models <i>Rares Ambrus, Senior Manager, Large Behavior Models, Toyota Research Institute</i></p>	<p>11:25 am - 11:55 am T2W04  The New OpenCV 5.0: Added Features, Performance Improvements and Future Directions <i>Satya Mallick, CEO, OpenCV.org</i></p>	<p>11:25 am - 12:30 pm FW04  Introduction to Deep Learning and Visual AI: Fundamentals and Architectures <i>Mohammad Haghighat, Senior Manager, CoreAI, eBay</i></p>	<p>11:25 am - 11:55 am BW04  SKAIVISION: Transforming Automotive Dealerships with Computer Vision <i>Jason Fayling, Co-Founder and Chief Technology Officer, SKAIVISION</i></p>			
<p>12:00 pm - 12:30 pm TIW05  Optimizing Real-Time SLAM Performance for Autonomous Robots with GPU Acceleration <i>Amit Gupta, Associate Director, eInfochips (an Arrow company)</i></p>	<p>12:00 pm - 12:30 pm T2W05  Simplifying Portable Computer Vision with OpenVX 2.0 <i>Kiriti Nagesh Gowda, Staff Engineer, AMD</i></p>		<p>12:00 pm - 12:30 pm BW05  A New Era of 3D Sensing: Transforming Industries and Creating Opportunities <i>Florian Domengie, Principal Technology and Market Analyst, Imaging, Yole Group</i></p>			
12:30 pm - 1:30 pm Lunch in the Exhibit Hall			12:30 pm - 1:30 pm Lunch in the Exhibit Hall			
<p>1:30 pm - 2:00 pm TIW06  Scaling Machine Learning with Containers: Lessons Learned <i>Rustem Feyzkhanov, Machine Learning Engineer, Instrumental</i></p>	<p>1:30 pm - 2:00 pm T2W06  Deploying Accelerated ML and AI: The Role of Khronos Open Standards <i>Neil Trevett, President, Khronos Group</i></p>	<p>1:30 pm - 2:35 pm FW06  Introduction to DNN Training: Fundamentals, Process and Best Practices <i>Kevin Weekly, CEO, Think Circuits</i></p>	<p>1:30 pm - 2:00 pm BW06  LLMs and VLMs for Regulatory Compliance, Quality Control and Safety Applications <i>Lazar Trifunovic, Solutions Architect, Camio</i></p>	<p>1:30 pm - 2:00 pm E1W06  Addressing Evolving AI Model Challenges Through Memory and Storage <i>Wil Florentino, Senior Segment Marketing Manager, Micron</i></p>	<p>1:30 pm - 2:00 pm E2W06  Rapid Development of AI-Powered Embedded Vision Solutions—Without a Team of Experts <i>Marcel Wouters, Senior Software Engineer, Network Optix</i></p>	<p>1:30 pm - 2:00 pm E3W06  Solving Tomorrow's AI Problems Today with Cadence's Newest Processor <i>Amol Borkar, Product Marketing Director, Cadence</i></p>
<p>2:05 pm - 2:35 pm TIW07  Scaling Computer Vision at the Edge <i>Eric Danziger, CEO, Invisible AI</i></p>	<p>2:05 pm - 2:35 pm T2W07  Developing a GStreamer-Based Custom Camera System for Long-Range Biometric Data Collection <i>Gavin Jager, Researcher and Lab Space Manager, Oak Ridge National Laboratory</i></p>		<p>2:05 pm - 2:35 pm BW07  Lessons Learned Building and Deploying a Weed-Killing Robot <i>Xiong Chang, CEO and Co-Founder, Tensorfield Agriculture</i></p>	<p>2:05 pm - 2:35 pm E1W07  Why It's Critical to Have an Integrated Development Methodology for Edge AI <i>Sreepada Hegade, Director, ML Systems and Software, Lattice Semiconductor</i></p>	<p>2:05 pm - 2:35 pm E2W07  The Impact of More Efficient Training and Inferencing of Large Language Models on Edge AI Applications <i>Steven Brightfield, Chief Marketing Officer, BrainChip</i></p>	<p>2:05 pm - 2:35 pm E3W07  Running Accelerated CNNs on Low-Power Microcontrollers Using Arm Ethos-U55, TensorFlow and Numpy <i>Kwabena Agyeman, President, OpenMV</i></p>
<p>2:40 pm - 3:10 pm TIW08  Vision-Language Models on the Edge <i>Cyril Zakka, Health Lead, Hugging Face</i></p>	<p>2:40 pm - 3:10 pm T2W08  An Introduction to the MIPI CSI-2 Image Sensor Standard and Its Latest Advances <i>Haran Thanigasalam, Camera and Imaging Systems Consultant, MIPI Alliance</i></p>	<p>2:40 pm - 3:10 pm FW08  Visual Search: Fine-Grained Recognition with Embedding Models for the Edge <i>Omid Azizi, Co-Founder, Gimlet Labs</i></p>	<p>2:40 pm - 3:10 pm BW08  Scaling Artificial Intelligence and Computer Vision for Conservation <i>Matt Merrifield, Chief Technology Officer, The Nature Conservancy</i></p>	<p>2:40 pm - 3:10 pm E1W08  Image Tokenization for Distributed Neural Cascades <i>Shang-Hung Lin, Vice President of NPU Technology, VeriSilicon</i></p>	<p>2:40 pm - 3:10 pm E2W08  Bridging the Gap: Streamlining the Process of Deploying AI onto Processors <i>Taesu Kim, Chief Technology Officer, SqueezeBits</i></p>	<p>2:40 pm - 3:10 pm E3W08  From Enterprise to Makers: Driving Vision AI Innovation at the Extreme Edge <i>Amir Servi, Edge Deep Learning Product Manager, Sony Semiconductor Solutions</i></p>
3:10 pm - 4:15 pm Break - Be sure to visit the Exhibit Hall!			3:10 pm - 4:15 pm Break - Be sure to visit the Exhibit Hall!			
<p>4:15 pm - 4:45 pm TIW09  Unlocking Visual Intelligence: Advanced Prompt Engineering for Vision-Language Models <i>Alina Li Zhang, Senior Data Scientist, Tech Writer, LinkedIn Learning</i></p>	<p>4:15 pm - 4:45 pm T2W09  Taking Computer Vision Products from Prototype to Robust Product: An Interview with Chris Padwick <i>Chris Padwick, Machine Learning Engineer, Blue River Technology</i></p>	<p>4:15 pm - 5:20 pm FW09  Transformer Networks: How They Work and Why They Matter <i>Rakshit Agrawal, Principal AI Scientist, Synthpop AI</i></p>	<p>4:15 pm - 4:45 pm BW09  Interview: Three Big Topics in Autonomous Driving and ADAS <i>Frank Moesle, Software Department Manager, Valeo</i> <i>Junko Yoshida, Independent Journalist</i></p>	<p>4:15 pm - 4:45 pm E1W09  Evolving Inference Processor Software Stacks to Support LLMs <i>Ramteja Tadishetti, Principal Software Engineer, Expedera</i></p>	<p>4:15 pm - 4:45 pm E2W09  Computer Vision at Sea: Automated Fish Tracking for Sustainable Fishing <i>Diego Kiedanski, AI for Good Director, Tryolabs</i> <i>Vienna Saccomanno, Senior Scientist, The Nature Conservancy</i></p>	<p>4:15 pm - 4:45 pm E3W09  How to Right-Size and Future-Proof a Container-First Edge AI Infrastructure <i>Carl Moberg, CTO, Avassa</i> <i>Zoie Rittling, Business Development Manager, OnLogic</i></p>
<p>4:50 pm - 5:20 pm TIW10  Multimodal Enterprise-Scale Applications in the Generative AI Era <i>Mumtaz Vauhkonen, Independent</i></p>	<p>4:50 pm - 5:20 pm T2W10  Improving Worksite Safety with AI-Powered Perception <i>Sabri Bayouhd, Chief Innovation Officer, Arcure</i></p>		<p>4:50 pm - 5:55 pm BW10  Interview: Virtual Reality, Machine Learning and Biosensing Advances Converging to Transform Healthcare and Beyond <i>Walter Greenleaf, Neuroscientist, Stanford University Virtual Human Interaction Lab</i> <i>Tom Vogelsong, Start-Up Scout, K2X Technology and Life Science</i></p>	<p>4:50 pm - 5:20 pm E1W10  MPU+: A Transformative Solution for Next-Gen AI at the Edge <i>Petronel Bigioi, CEO, FotoNation</i></p>	<p>4:50 pm - 5:20 pm E2W10  Efficiently Registering Depth and RGB Images <i>Amit Gupta, Associate Director, eInfochips (an Arrow company)</i></p>	<p>4:50 pm - 5:20 pm E3W10  How Qualcomm Is Powering AI-Driven Multimedia at the Edge <i>Ning Bi, Vice President of Engineering, Qualcomm Technologies, Inc.</i></p>
<p>5:25 pm - 5:55 pm TIW11  Customizing Vision-Language Models for Real-World Applications <i>Monika Jhuria, Technical Marketing Engineer, NVIDIA</i></p>		<p>5:25 pm - 5:55 pm FW11  Object Detection Models: Balancing Speed, Accuracy and Efficiency <i>Sage Elliott, AI Engineer, Union.ai</i></p>		<p>5:25 pm - 5:55 pm E1W11  Voice Interfaces on a Budget: Building Real-Time Speech Recognition on Low-Cost Hardware <i>Pete Warden, CEO, Useful Sensors</i></p>		<p>April 14, Based on R06 Contents are subject to change</p>



































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

Thursday

Technical Insights 1 Mission City Ballroom—B1-B5	Technical Insights 2 Mission City Ballroom—M1-M3	Fundamentals Great America Ballroom—J	Business Insights Great America Ballroom—K	Enabling Technologies 1 Exhibit Hall—ET-1	Enabling Technologies 2 Exhibit Hall—ET-2
<p>11:25 am - 11:55 am TIR04  Introduction to Designing with AI Agents <i>Frantz Lohier, Senior WW Specialist—Advanced Computing, AI and Robotics, Amazon Web Services</i></p>	<p>11:25 am - 11:55 am T2R04  Enabling Ego Vision Applications on Smart Eyewear Devices <i>Francesca Palermo, Research Principal Investigator, EssilorLuxottica</i></p>	<p>11:25 am - 12:30 pm FR04  Understanding Human Activity from Visual Data <i>Mehrsan Javan, Chief Technology Officer, Sportlogiq</i></p>	<p>11:25 am - 11:55 am BR04  Partnering for Success in Level 4 Autonomy <i>Paul Konasewich, General Manager, PACCAR Silicon Valley, PACCAR</i></p>	<p>11:25 am - 11:55 am EIR04  OAAAX: One Standard for AI Vision on Any Compute Platform <i>Robin van Emden, Senior Director of Data Science, Network Optix</i></p>	<p>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 <i>Gordon Cooper, Synopsys Principal Product Manager, Synopsys</i></p>
<p>12:00 pm - 12:30 pm TIR05  Building Agentic Applications for the Edge <i>Amit Mate, Founder and CEO, GMAC Intelligence</i></p>	<p>12:00 pm - 12:30 pm T2R05  Toward Hardware-Agnostic ADAS Implementations for Software-Defined Vehicles <i>Frank Moesle, Software Department Manager, Valeo</i></p>		<p>12:00 pm - 12:30 pm BR05  Vision-Based Aircraft Functions for Autonomous Flight Systems <i>Arne Stoschek, Vice President of AI and Autonomy, Acubed (an Airbus innovation center)</i></p>	<p>12:00 pm - 12:30 pm EIR05  Squinting Vision Pipelines: Detecting and Correcting Errors in Vision Models at Runtime <i>Ken Wenger, Chief Technology Officer, Squent AI</i></p>	<p>12:00 pm - 12:30 pm E2R05  ONNX and Python to C++: State-of-the-Art Graph Compilation <i>Nigel Drego, Co-Founder and Chief Technology Officer, Quadric</i></p>
12:30 pm - 1:30 pm Lunch in the Exhibit Hall			12:30 pm - 1:30 pm Lunch in the Exhibit Hall		
<p>1:30 pm - 2:00 pm TIR06  Vision LLMs in Multi-Agent Collaborative Systems: Architecture and Integration <i>Niyati Prajapati, ML and Generative AI Lead, Google</i></p>	<p>1:30 pm - 2:00 pm T2R06  Mastering the End-to-End Machine Learning Model Building Process: Best Practices and Pitfalls <i>Paril Ghorl, Senior Data Scientist, Caterpillar</i></p>	<p>1:30 pm - 2:35 pm FR06  Specifying and Designing Cameras for Computer Vision Applications <i>Richard Crisp, Vice President / CTO, Etron Technology America</i></p>	<p>1:30 pm - 2:00 pm BR06  Real-World Deployment of Mobile Material Handling Robotics in the Supply Chain <i>Peter Santos, Chief Operating Officer, Pickle Robot Company</i></p>	<p>1:30 pm - 2:00 pm EIR06  A Re-Imagination of Embedded Vision System Design <i>Dennis Laudick, Vice President of Product Management and Marketing, Imagination Technologies</i></p>	<p>1:30 pm - 2:00 pm E2R06  Beyond the Demo: Turning Computer Vision Prototypes into Scalable, Cost-Effective Solutions <i>Kit Merker, CEO, Plainsight Technologies</i></p>
<p>2:05 pm - 2:35 pm TIR07  Introduction to Data Types for AI: Trade-Offs and Trends <i>Joep Boonstra, Synopsys Scientist, Synopsys</i></p>	<p>2:05 pm - 2:35 pm T2R07  Introduction to Enhancing Data Quality for AI Success <i>Aarohi Tripathi, Senior Data Engineer, CVS Health</i></p>		<p>2:05 pm - 2:35 pm BR07  Deep Sentinel: Lessons Learned Building, Operating and Scaling an Edge AI Computer Vision Company <i>David Selinger, CEO, Deep Sentinel</i></p>	<p>2:05 pm - 2:35 pm EIR07  Monitoring Your Fleet of AI-Enabled Edge Devices <i>Phillip Kuznetsov, Edge AI Expert and Founding Engineer, Gimlet Labs</i></p>	<p>2:05 pm - 2:35 pm E2R07  Scaling i.MX Applications Processors' Native Edge AI with Discrete AI Accelerators <i>Ali Osman Ors, Director, AI ML Strategy and Technologies, Edge Processing, NXP Semiconductors</i></p>
<p>2:40 pm - 3:10 pm TIR08  Introduction to Shrinking Models with Quantization-Aware Training and Post-Training Quantization <i>Robert Cimpeanu, Machine Learning Software Engineer, NXP Semiconductors</i></p>	<p>2:40 pm - 3:10 pm T2R08  Strategies for Image Dataset Curation from High-Volume Industrial IoT Data <i>Apurva Godghase, Senior Computer Vision Engineer, Brambles</i> <i>Dan Bricarello, Computer Vision Lead, Brambles</i></p>	<p>2:40 pm - 3:10 pm FR08  Introduction to Panoptic Segmentation <i>Naveen Krishnaraj, Senior AI Scientist, Sabanto</i></p>	<p>2:40 pm - 3:10 pm BR08  Interview: Technology and Market Trends in CMOS Image Sensors <i>Florian Domengie, Principal Technology and Market Analyst, Imaging, Yole Group</i> <i>Shung Chieh, Senior Vice President, Eikon Systems, Eikon Therapeutics</i></p>		<p>2:40 pm - 3:10 pm E2R08  NPU IP Hardware Shaped Through Software and Use-Case Analysis <i>Yair Siegel, Senior Director, Wireless and Emerging Markets, Ceva</i></p>
3:10 pm - 4:15 pm Break - Be sure to visit the Exhibit Hall!			3:10 pm - 4:15 pm Break - Be sure to visit the Exhibit Hall!		
<p>4:15 pm - 4:45 pm TIR09  Quantization Techniques for Efficient Deployment of Large Language Models: A Comprehensive Review <i>Dwih Chenna, MTS Product Engineer, AI Inference, AMD</i></p>	<p>4:15 pm - 4:45 pm T2R09  A Lightweight Camera Stack for Edge AI <i>Karthick Kumaran, Staff Software Engineer, Meta</i> <i>Jui Garagate, Camera Software Engineer, Meta</i></p>	<p>4:15 pm - 4:45 pm FR09  Introduction to Radar and Its Use for Machine Perception <i>Amol Borkar, Product Marketing Director, Cadence</i> <i>Vencatesh Subramanian, Design Engineering Architect, Cadence</i></p>	<p>4:15 pm - 4:45 pm BR09  AI-Powered Scouting: Democratizing Talent Discovery in Sports <i>Jonathan Lee, Chief Product Officer, ai.io</i></p>		
<p>4:50 pm - 5:20 pm TIR10  Introduction to Knowledge Distillation: Smaller, Smarter AI Models for the Edge <i>David Selinger, CEO, Deep Sentinel</i></p>	<p>4:50 pm - 5:20 pm T2R10  Integrating Cameras with the Robot Operating System (ROS) <i>Karthik Poduval, Principal Software Development Engineer, Amazon Lab126</i></p>	<p>4:50 pm - 5:55 pm FR10  Introduction to Depth Sensing: Technologies, Trade-Offs and Applications <i>Chris Sarantos, Independent Consultant, Think Circuits</i></p>	<p>4:50 pm - 5:20 pm BR10  Using Computer Vision for Early Detection of Cognitive Decline via Sleep-Wake Data <i>Ravi Kota, CEO, AI Tensors</i></p>		