

A View from the Summit (Part 1)

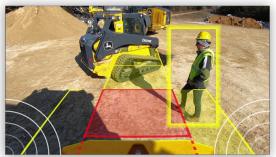
Jeff Bier Founder, Edge AI and Vision Alliance President, BDTI May 23, 2023

Solving Real-World Problems at Scale









John Deere



Trvolabs







Peloton



Tryolabs



Alliance Member Companies







Inspire and Empower Product Creators

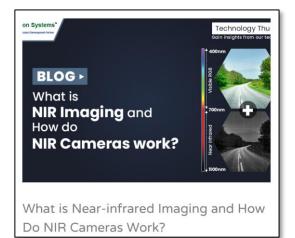




- Awareness of new technologies, techniques and capabilities
- Building skills and know-how
- Connections to colleagues, suppliers, open source projects, standards and other resources

For Product Developers







Cadence Demonstration of Real-time Visual SLAM for Embedded Devices



The poLight TLens Piezoelectric MEMS Autofocus Module is In the Magic Leap 2

www.edge-ai-vision.com





Enable Companies to Succeed





- Insights into trends in markets, technologies, applications and standards
- Connections with customers, suppliers and ecosystem partners
- Becoming visible as thought leaders

Enable Companies to Succeed





See us at booth #402

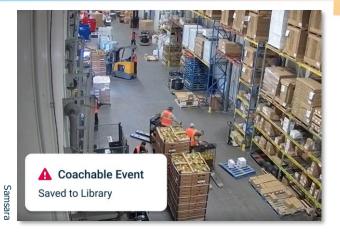
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Application Trends











Zipline Drone Delivery



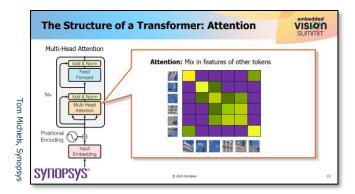


Zipline

https://youtu.be/DOWDNBu9DkU and https://youtu.be/__lhaW_yizk

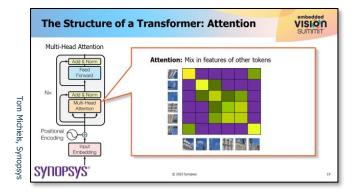


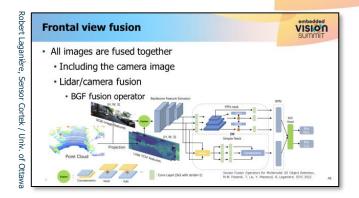




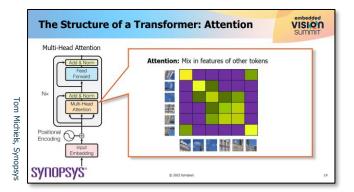


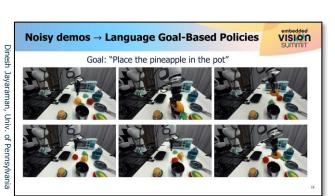


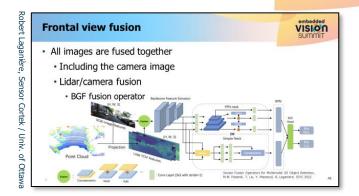




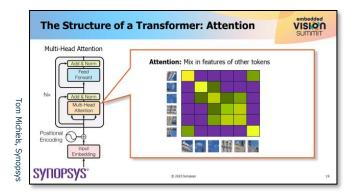


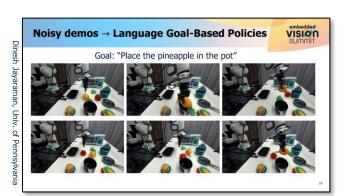


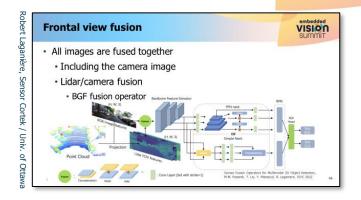














Panel on Generative AI: How Will It Impact Edge Applications and Machine Perception?





Greg Kostello Huma.AI



Roland Memisevic Qualcomm AI Research



Vivek Pradeep Microsoft



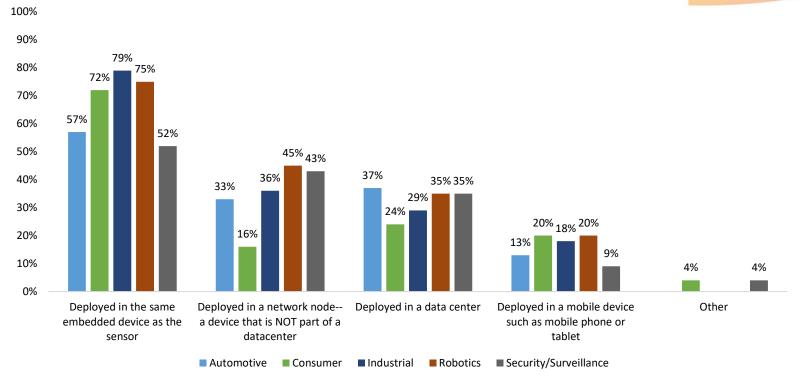
Steve TeigPerceive

Wednesday, 9:30 am



How is Your Neural Network Deployed?



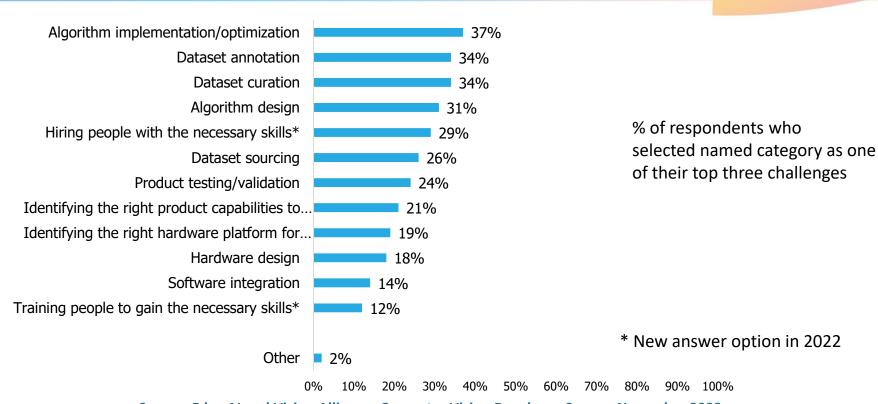


Source: Edge AI and Vision Alliance, Computer Vision Developer Survey, November 2022



Most Challenging Product Development Aspects

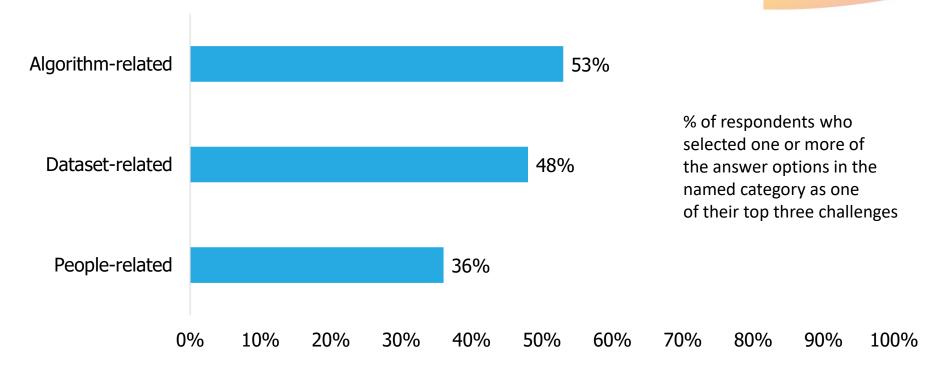






Most Challenging Product Development Aspects (Consolidated)





Source: Edge AI and Vision Alliance, Computer Vision Developer Survey, November 2022



Panel: Accelerating the Era of AI Everywhere



Jeff Bier Edge AI and Vision Alliance



Dean KamenDEKA Research &
Development



Lokwon Kim DEEPX



Jason Lavene Keurig Dr Pepper



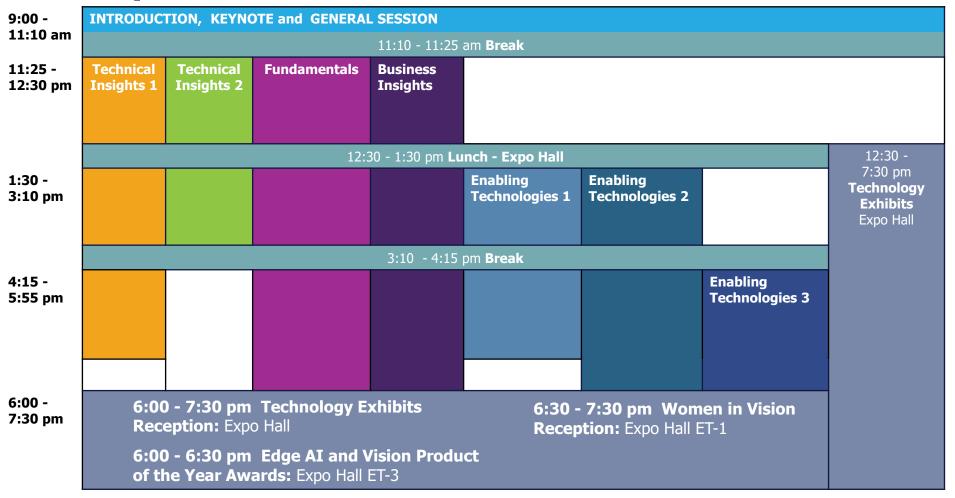
Pete Warden Useful Sensors



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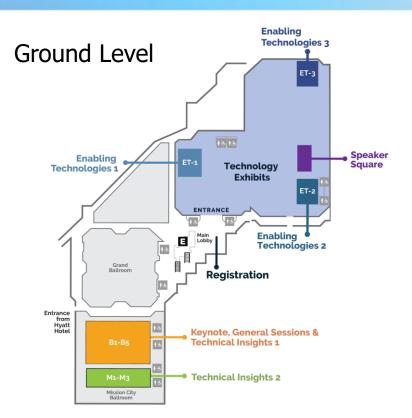


Tuesday Schedule

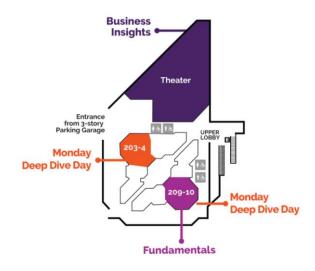


Facility Map





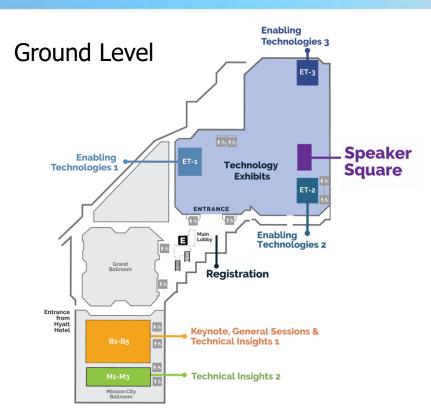
Upstairs



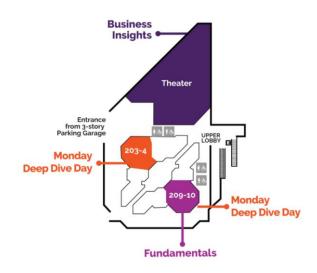


Facility Map





Upstairs





Speaker Office Hours (in the Speaker Square)



<u>Tuesday</u>

1:30 pm: Kristen Grauman

University of Texas at Austin /

Facebook AI Research

First-person video and

multimodal perception

2:30 pm: Susan Kennedy

Santa Clara University

Bias and ethics

3:30 pm: Pete Warden

Useful Sensors

Enabling edge AI everywhere

4:30 pm: Todd Poole

HPE Pathfinder

Venture capital

Wednesday

Greg Kostello

Huma.AI

Roland Memisivic

Qualcomm AI Research

(All at 10:30 am)

Vivek Pradeep

Microsoft

Steve Teig

Perceive

Generative AI

11:30 am: Alex Thaman

Red Cell Partners

Bias in computer vision

systems

1:30 pm: Chris Rowen

Cisco

Machine learning for video

2:30 pm: Jason Lavene

Keurig Dr Pepper

Developing low-cost vision

systems

3:30 pm: Ian Riches

TechInsights

Automotive markets and

technologies

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For login details, **check your email** from noreply@event.embeddedvisionsummit.com

Questions? Need login help? Visit Registration.

Turn on notifications to receive important reminders.



Check Out the Exhibits!



| √ sensing [™] | ∧IM > FUTURE | ANALOG DEVICES AHEAD OF WHAT'S POSSIBLE™ | arm | armi Manacol Representar | avassa | ∆VNET | ^ AXELERA | BASLER |
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| BDTi | b laize | 3LVXLV15° | brainchip Essential AI | cādence° | CEVA | CIRCUIT | CLIKA. | codeplay (|
| Connect Tech Inc. | D3 | decı | DEEPX | @ DeGirum [®] | DEKE RESEARCH & DEVELOPMENT CORP. | e-con Systems Think Camera. Think e-can. | edge ai + vision | EDGE IMPULSE |
| sedgeworx | !!EFINIX . | Electronics and Telecommunications Research Institute | | •>>>> expedera | fidus innovate-design-deliver | SOFIRST | flexlogix reconfigurable | FRAMOS |
| G eneralplus | G | HAILO | IMMERVISI N | InnoPhase loT | INUITIVE | IRIDA LABS | KHRONOS. | LANTRONIX |
| ELATTICE SEMICONDUCTOR | lemur imaging | LEOPARD IMAGING | MICROCHIP | MOUSER | NetworkOptix | nextchip | Nota AI | 8 |
| e it experience | OpenCV.AI Consulting | optimizing mind | outsight | PARROTS medical assistive at | Perceive | Plumerai | Pro Hawk [®] | QLAIRVOYANCE |
| Quadric | RECÔGNI | RENESAS | seeed studio | SONY | life.augmented | STRAD | Sunex Excellence in Olgital Imaging Optics | supergate |
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2023 Women in VISION RECEPTION

TUESDAY, MAY 23
At the Embedded Vision Summit

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Please fill out your Embedded Vision Summit survey!

Completed surveys will be entered into a drawing for one of three \$100 Amazon gift cards.



Keynote Speaker



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

Kristen Grauman

Professor, University of Texas at Austin and Research Director, Facebook AI Research



Keynote Speaker



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

Kristen Grauman

Professor, University of Texas at Austin and Research Director, Facebook AI Research



Panel: Accelerating the Era of AI Everywhere



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Development



okwon Kir DEEPX



Jason Lavene Keurig Dr Pepper



Pete Warden Useful Sensors



Jeff Bier Edge AI and Vision Alliance





