

embedded **VISION** SUMMIT 2018

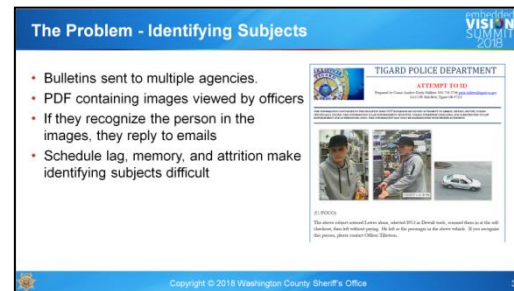
Welcome to the Embedded Vision Summit!



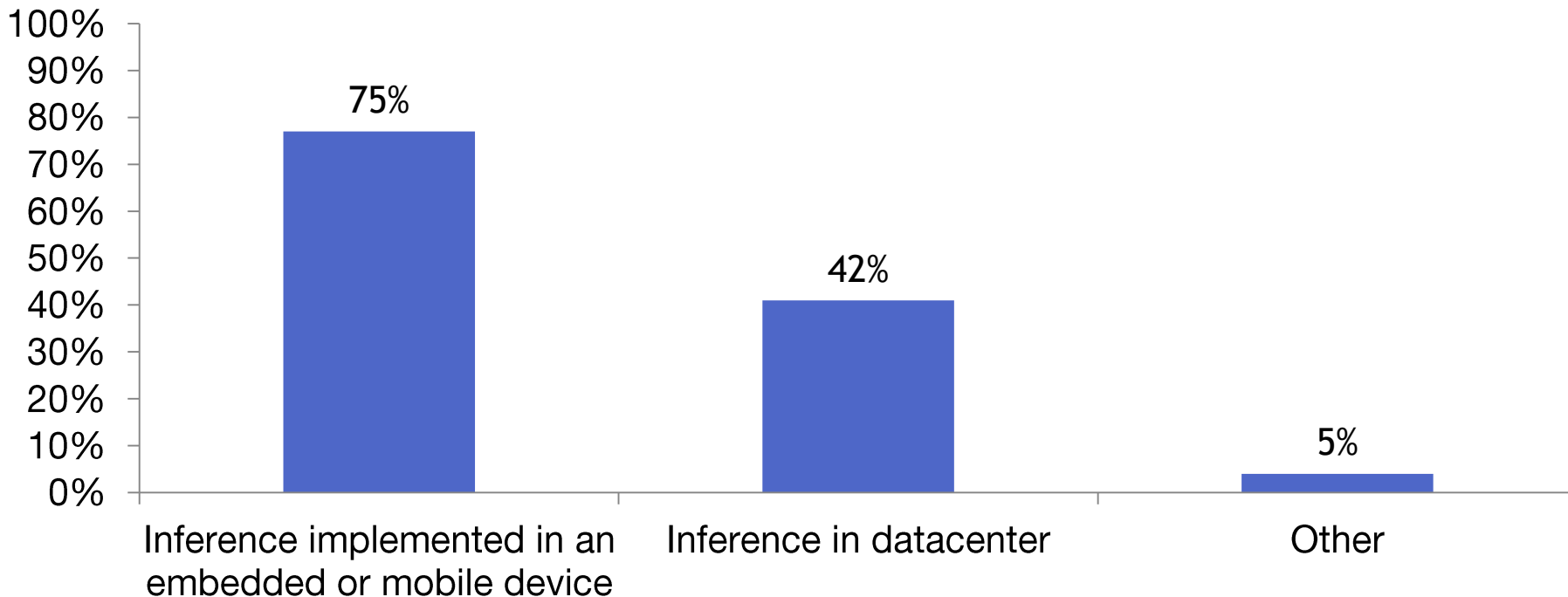
Jeff Bier
Founder, Embedded Vision Alliance | President, BDTI
May 23, 2018

Some Things I Learned Yesterday

- A single developer with no computer vision experience can create an effective cloud-based vision solution in months (Chris Adzima)
- 3D camera modules now cost around \$20-30 (Guillaume Girardin)
- Binary neural networks can dramatically lower the cost and power consumption for DNN inference (Abdullah Raouf, Mohammad Rastegari)
- One DNN can generate new training data for another DNN (Peter Corcoran)
- We can protect privacy even as smart cameras proliferate (Charlotte Dryden)



Embedded Vision Deep Learning Inference: Edge? Cloud? Both!



Source: Embedded Vision Alliance Computer Vision Developer Survey, 11/2017

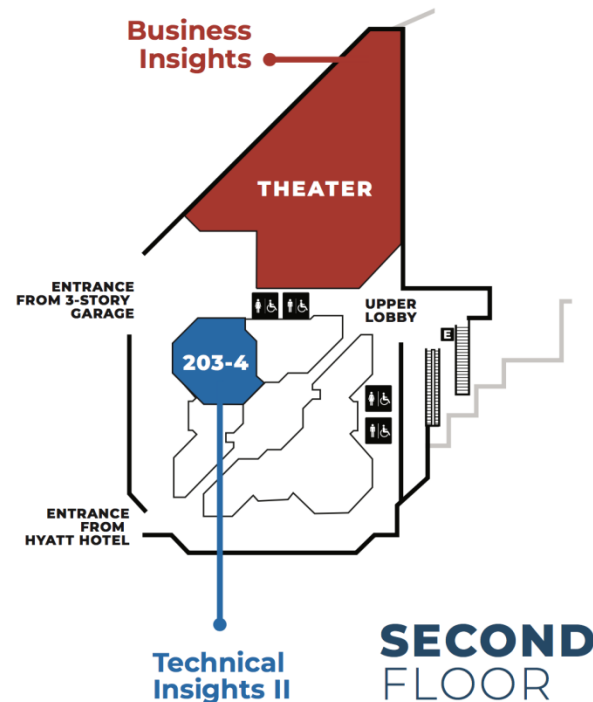
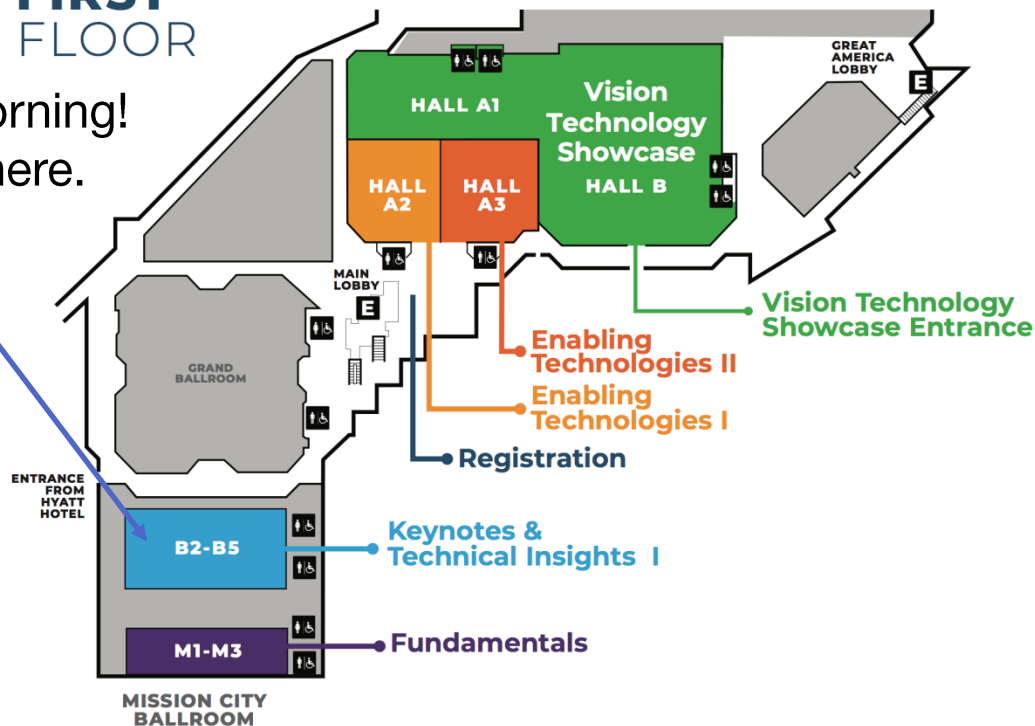
Wednesday Schedule

| | MISSION CITY BALLROOM B2 – 5 | ROOM 203/204 (UPSTAIRS) | MISSION CITY BALLROOM M1 – 3 | THEATER (UPSTAIRS) | HALL A2 | HALL A3 | HALL B & A1 |
|-------|--|---|--|---|---|--|--|
| 9 am | 9:00 – 10:30 am WELCOME & KEYNOTE | | | | | | |
| 10 am | From Mobility to Medicine: Vision Enables the Next Generation of Innovation Dean Kamen, Founder, DEKA Research and Development | | | | | | |
| 11 am | 10:40 am – 12:30 pm Technical Insights I | 10:40 am – 12:30 pm Technical Insights II | 10:40 am – 12:20 pm Fundamentals | 10:40 am – 12:30 pm Business Insights | 10:40 am – 12:30 pm Enabling Technologies I | 10:40 am – 12:30 pm Enabling Technologies II | |
| 12 pm | | | | | | | |
| 1 pm | 12:30 – 1:30 pm Lunch | | | | | | |
| 2 pm | 1:30 pm – 6:00 pm Technical Insights I | 1:30 pm – 4:00 pm Technical Insights II | 1:30 pm – 6:00 pm Fundamentals | 1:30 pm – 6:00 pm Business Insights | 1:30 pm – 4:40 pm Enabling Technologies I | 1:30 pm – 3:00 pm Enabling Technologies II | 10:30 am – 6:00 Vision Technology Showcase |
| 3 pm | | | | | | | |
| 4 pm | | | | | | | |
| 5 pm | | | | | | | |
| 6 pm | | | | | | | |

Floorplan

FIRST FLOOR

Good morning!
You are here.





Come see the finalists for the “Most Innovative Vision-Based Product”

Wednesday, 5:00-6:00 pm
Theater (Upstairs)

- AiFi
- Aquifi
- Boulder AI
- Sturfee
- VirtuSense Technologies

Still a Few Seats in Khronos' Thursday Workshop!

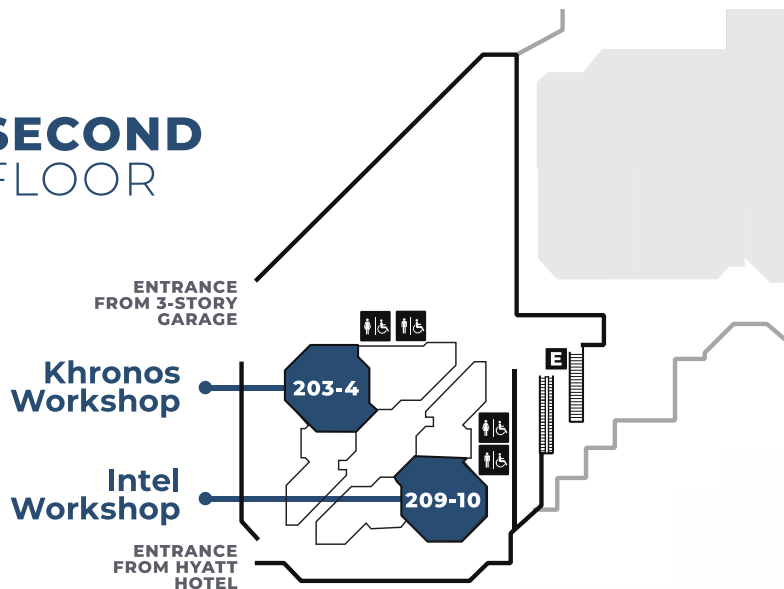


**Khronos Standards for
Neural Networks and Embedded Vision** \$50

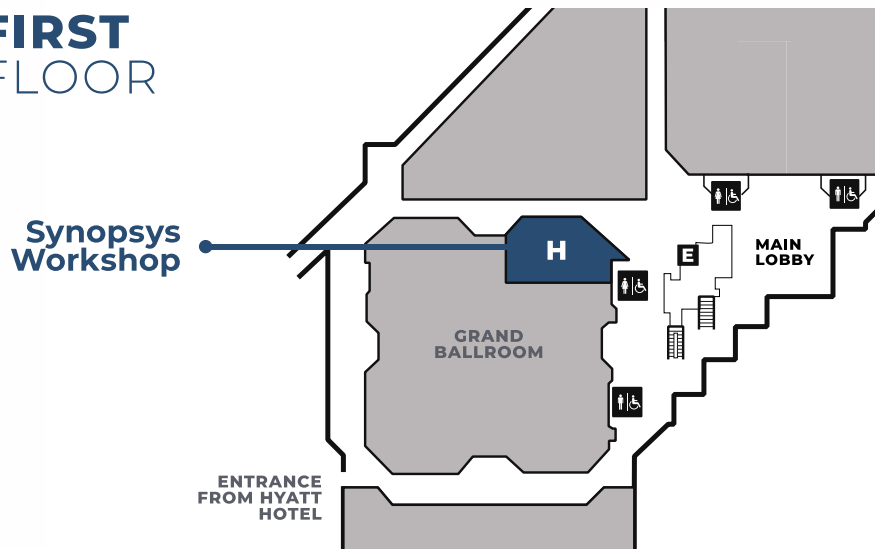
[www.embedded-vision.com/summit/
khronos-workshop](http://www.embedded-vision.com/summit/khronos-workshop)

Workshop Locations for Thursday

SECOND FLOOR



FIRST FLOOR

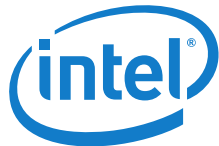


Embedded Vision Alliance Members

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Vision Technology Showcase



***From Mobility to Medicine:
Vision Enables the Next Generation
of Innovation***

Dean Kamen

Founder, DEKA Research and Development

