

2020  
embedded  
**VISION**  
summit®

# Welcome!

Jeff Bier

Edge AI and Vision Alliance

September 2020



edge ai + vision  
**ALLIANCE™**



# Solving Real-World Problems at Scale

2020  
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summit



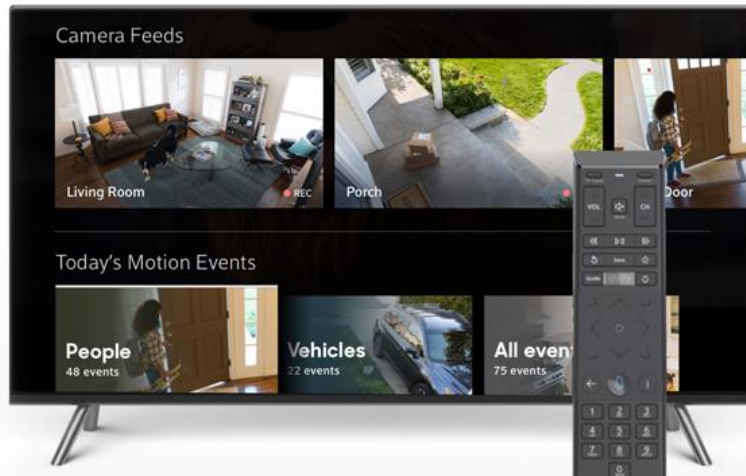
Source: TechCrunch



Source: zipitwireless.com



Source: iphoness.com



Source: xfinity.com



Source: deere.com



Source: Skydio

# Edge AI and Vision Alliance Members

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# Today's Schedule

9:00-10:30 am PT

**Opening Remarks, Keynote and Presentations**

10:30 am-1:00 pm PT

**Product Presentations  
and Q&A Sessions**

**Staffed Exhibit Booths**

1:00-2:00 pm PT

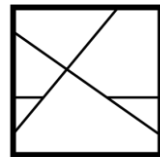
**Presentations and Q&As**

6:00-8:00 pm PT

**Special Booth Hours for Asia Attendees**

# Exhibitors

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RAMONA OPTICS



# Finding Exhibitors

The screenshot shows the website for the 2020 Embedded Vision Summit. The top navigation bar includes links for Home, Schedule, People, Sponsors, Exhibitors, Conversations, Summit Rewards, Upgrade, Support, and Account. A search bar is located in the top right corner. Below the navigation bar, a grid of exhibitor cards is displayed, organized into three rows labeled A, B, and C. Each card features the company logo, name, and a list of roles (e.g., Intel Partner, Alliance Member, Exhibitor, Gold Sponsor). A sidebar on the right side of the grid contains a search bar and a list of filters. The filters include a 'Search' bar with a 'GO' button, a 'Terms must match' toggle, and a list of categories: Type, Live Chat, Description, Name, Markets Served, and Products or Services Provided. The 'Products or Services Provided' section is expanded, showing a list of tags such as Software and Algorithms, ICs and SoCs, Development Tools, Cameras, Silicon IP, Design and Manufacturing Services, Processor Boards & Modules, Image and Video Data, Camera Modules, Sensors, Standards, Market Research, Strategic Consultancy, Mergers and Acquisitions Advisory, Lenses, Open Source, Illumination, and Memory.

2020 embedded  
**VISION**  
summit

Home Schedule People Sponsors Exhibitors Conversations Summit Rewards Upgrade Support Account

A

algolux  
Algolux  
INTEL PARTNER ALLIANCE MEMBER EXHIBITOR

AMD  
AMD  
ALLIANCE MEMBER EXHIBITOR

Arrow Electronics  
Arrow Electronics  
GOLD SPONSOR

Avnet fea  
Avnet fea  
GOLD SPONSOR

B

BDTi  
BDTi  
GOLD SPONSOR ALLIANCE MEMBER

brainchip  
Brainchip  
ALLIANCE MEMBER EXHIBITOR

C

cadence  
Cadence Design Systems  
GOLD SPONSOR ALLIANCE MEMBER

CEVA  
CEVA  
ALLIANCE MEMBER EXHIBITOR

Chips Media  
Chips&Media, Inc.  
ALLIANCE MEMBER EXHIBITOR

Codepla  
Codepla  
ALLIANCE MEMBER

Search GO

All terms must match

Type

Live Chat

Description

Name

Markets Served

Products or Services Provided

Software and Algorithms

ICs and SoCs Development Tools

Cameras Silicon IP

Design and Manufacturing Services

Processor Boards & Modules

Image and Video Data

Camera Modules Sensors

Standards Market Research

Strategic Consultancy

Mergers and Acquisitions Advisory

Lenses Open Source

Illumination Memory

< Search by **Keyword**

< Filter by **Name**

< Filter by **Tags**



# Connect with Exhibitors

Talk in real-time with exhibitors during **staffed exhibit booth hours!**

The screenshot shows the BDTi booth interface. At the top left is the BDTi logo, followed by the text "BDTI" and a green "LIVE NOW" button. To the right are two dark blue buttons: "WANT TO MEET" with a handshake icon and "REQUEST INFO" with an information icon. Below the logo, there are two orange buttons: "GOLD SPONSOR" and "ALLIANCE MEMBER". A dark blue button labeled "ENTER LIVE CHAT" is positioned to the left of a large green banner that reads "< Click the **Enter Live Chat button** within a booth to speak with exhibitors." Below the banner, the text "BDTI is a specialized pro... and deep learning. We focus on helping companies create and use technology through:" is followed by a bulleted list: "Processor evaluation and selection", "Algorithm selection and design", and "Software optimization". Below this, it says "Chat with us live here in our booth:" followed by two time slots: "Tuesday, September 15, 10:30 am - 1:00 pm Pacific" and "Wednesday, September 16, 9:00 am - 11:00 am, CST (for Asian attendees)". On the right side, there are three circular profile pictures of exhibitors. Below them is a "Discussion" section with a search icon and a "NEW CONVERSATION" button. A conversation entry shows a profile picture of Jeremy Giddings, his name, and the text "11 hours ago" followed by a three-dot menu icon.

**BDTi** **BDTI** **LIVE NOW** **WANT TO MEET** **REQUEST INFO**

**GOLD SPONSOR** **ALLIANCE MEMBER** **ENTER LIVE CHAT**

< Click the **Enter Live Chat button** within a booth to speak with exhibitors.

BDTI is a specialized pro... and deep learning. We focus on helping companies create and use technology through:

- Processor evaluation and selection
- Algorithm selection and design
- Software optimization

Chat with us live here in our booth:

- Tuesday, September 15, 10:30 am - 1:00 pm Pacific
- Wednesday, September 16, 9:00 am - 11:00 am, CST (for Asian attendees)

**Discussion** **NEW CONVERSATION**

**Jeremy Giddings** 11 hours ago ...

# Exhibit Hours

## STAFFED EXHIBIT BOOTH HOURS

**Tuesday, Sept 15**

10:30 am – 1:00 pm PT

**Thursday, Sept 17**

10:30 am – 1:00 pm PT

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## SPECIAL ASIA BOOTH HOURS

**Tuesday, Sept 15**

6:00 pm – 8:00 pm PT

(Wednesday, Sept 16,  
9:00 – 11:00 am China Standard Time)

## SPECIAL EUROPE BOOTH HOURS

**Thursday, Sept 17**

7:00 am – 9:00 am PT  
(4:00 – 6:00 pm Central European Time)



# Week One Schedule-at-a-Glance

Tuesday  
**September 15**

9:00-10:30 am PT  
**Opening Remarks,  
Keynote and Presentations**

10:30 am-  
1:00 pm PT  
**Product  
Presentations  
and Q&A Sessions**

10:30 am-  
1:00 pm PT  
**Staffed  
Exhibit  
Booths**

1:00-2:00 pm PT  
**Presentations and Q&As**

6:00-8:00 pm PT  
**Special Staffed Booth Hours  
for Asia Attendees**

Wednesday  
**September 16**

9:00 am-2:00 pm PT  
**Over-the-Shoulder  
Tutorial Sessions  
and  
Expert Bars**

9:00 am-12:00 pm PT  
SEMINAR  
**Beyond  
2020—Vision  
SoCs for the  
Edge**  
PRESENTED BY  
SYNOPSYS

Thursday  
**September 17**

7:00-9:00 am PT  
**Special Staffed Booth Hours  
for Europe Attendees**

9:00-10:30 am PT  
**Daily Remarks and  
Presentations**

10:30 am-  
1:00 pm PT  
**Product  
Presentations  
and Q&A Sessions**

10:30 am-  
1:00 pm PT  
**Staffed  
Exhibit  
Booths**

1:00-2:00 pm PT  
**Presentations and Q&As**

Friday  
**September 18**

9:00 am-12:00 pm PT  
SEMINAR  
**Beyond  
2020—Vision  
SoCs for the  
Edge**  
PRESENTED BY  
SYNOPSYS

9:00 am-1:30 pm PT  
WORKSHOP  
**Using the Intel  
Distribution of  
the OpenVINO  
Toolkit for  
Deploying  
Accelerated  
Deep Learning  
Applications**  
PRESENTED BY  
INTEL

# 2020 Workshops and Seminar

**Wednesday, Sept 16** | 9:00 am – 12:00 pm PT and **Friday, Sept 18** | 9:00 am – 12:00 pm PT

## Beyond 2020—Vision SoCs for the Edge

PRESENTED BY

**SYNOPSYS®**

**Friday, Sept 18** | 9:00 am – 1:30 pm PT

## Using the Intel Distribution of the OpenVINO Toolkit for Deploying Accelerated Deep Learning Applications

PRESENTED BY **intel.**

**Monday, Sept 12** | 9:00 am – 1:30 pm PT

## Edge AI for Retail

PRESENTED BY **intel.**

**Wednesday, Sept 23** | 9:00 am - 1:30 pm PT

## Edge AI for Industrial

PRESENTED BY **intel.**

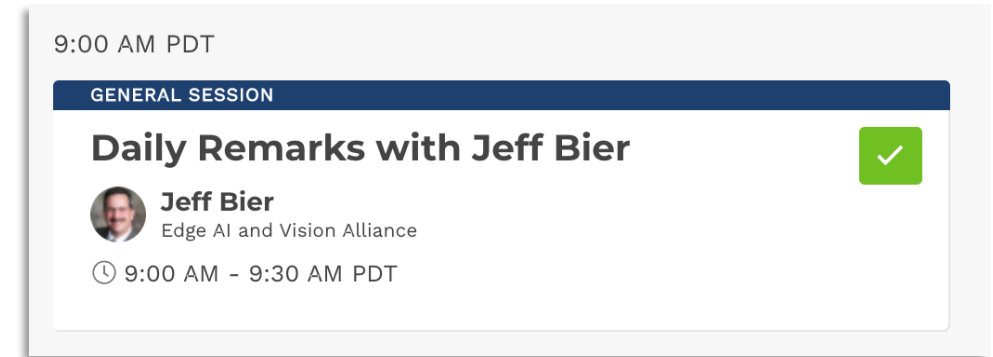
See the **Agenda page** and click **Register Now** to add these sessions for \$25 each.

# Daily Remarks with Jeff Bier

On **September 17** (Thurs.), **September 22** (Tues.) and **September 24** (Thurs.) at 9:00 am PT, I will:

- Recap Summit highlights from the past day or two
- Preview what's coming up next
- Share data and insights, including:
  - Results from the Edge AI and Vision Alliance's *Computer Vision Developer Survey*
  - Observations on key technology and industry challenges
  - "Lighthouse" applications
  - Market research highlights

Join me!





# Connect with Summit Attendees

The screenshot shows the 'WANT TO MEET LIST' interface for the 2020 Embedded Vision Summit. The top navigation bar includes links for Home, Schedule, People, Sponsors, Exhibitors, Conversations, Summit Rewards, Upgrade, Support, and Account. A search bar is located on the right side of the header. Below the navigation bar, the main content area displays a grid of attendee profiles. Each profile includes a circular profile picture, a name, and a job title. To the right of the grid, there is a search and filter sidebar. The sidebar has a search bar with a 'GO' button and a toggle for 'terms must match'. Below the search bar, there are several filter categories: First name, Last name, Title, Company, Ribbons, and Markets Served. The 'Products or Services Sought' section is expanded, showing various tags such as Camera Modules, Cameras, Design and Manufacturing Services, Development Tools, ICs and SoCs, Illumination, Image and Video Data (e.g. for Training), Lenses, Market Research, Memory, N/A, Open Source Software, Processor Boards & Modules, Sensors, Silicon IP, Software & Algorithms, Standards, and Venture Capital & Investment Banking. At the bottom of the sidebar, there are 'RESET' and 'HIDE >' buttons.

< Search by **Keyword**

< Filter by **Company**

< Filter by **Tags**

Build your  
**Want to Meet List,**  
**Propose a Meeting, or**  
**Send a Message!**

Three buttons are displayed vertically. The top button is dark blue with a white icon of two people and the text 'WANT TO MEET'. The middle button is grey with the text 'SCHEDULE MEETING'. The bottom button is white with a grey border and the text 'SEND MESSAGE'.

# Thanks to Our Sponsors!

## PREMIER



## GOLD



## SILVER



## SPECIAL EVENT



KEYNOTE

# A New Golden Age for Computer Architecture: Processor Innovation to Enable Ubiquitous AI

David Patterson  
Professor, UC Berkeley

