Press Kit

May 3, 2017

Contact Intel PR

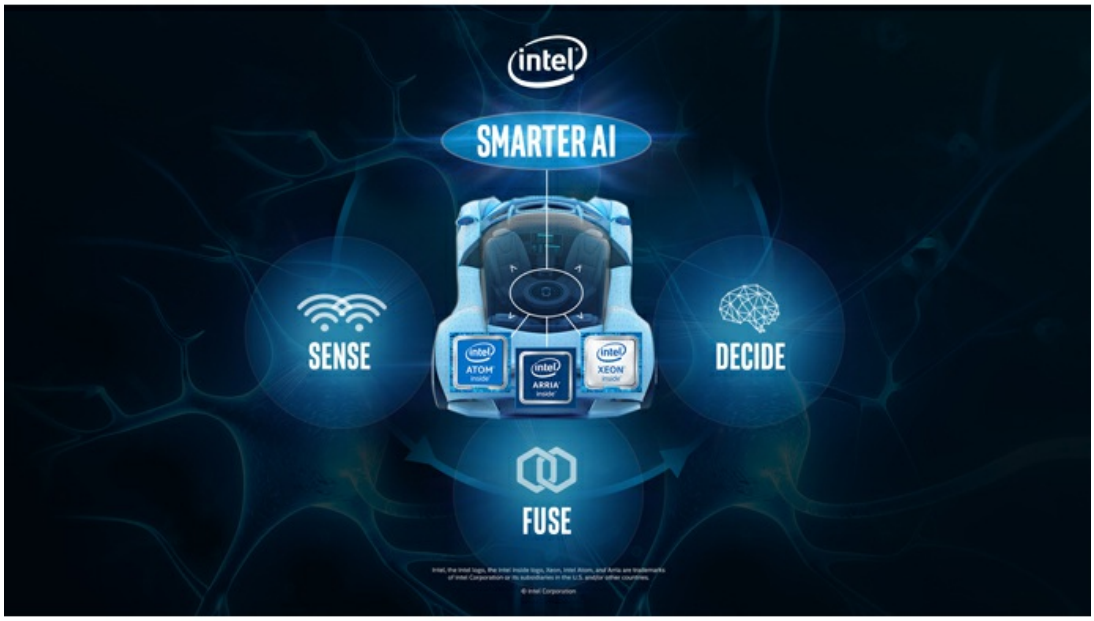
Today Intel opened the doors to its Silicon Valley Innovation Center for Autonomous Driving. At this workshop, Intel – together with BMW, Delphi, Ericsson and HERE – demonstrated tremendous progress toward our autonomous future. The theme of the day was "the data-driven journey" and featured demonstrations and "chalk talks" that helped explain the autonomous driving data challenge from car-to-cloud. Highlights Included:

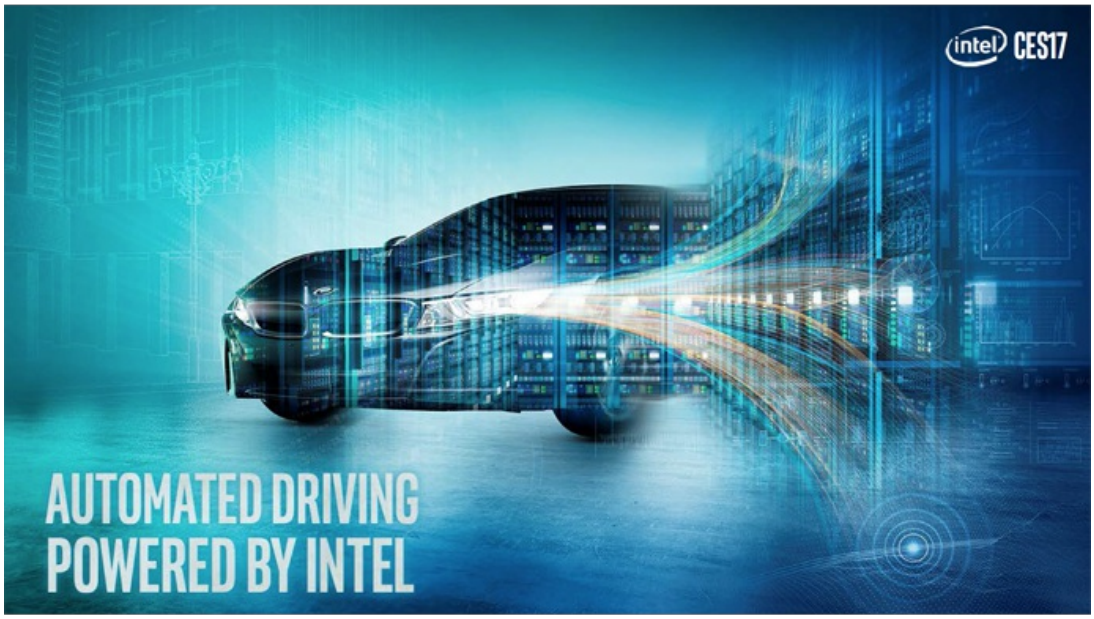
- BMW showed one of the first of approximately 40 highly automated vehicles that were announced by BMW, Intel and Mobileye earlier this year.
- Delphi provided rides in its fully autonomous vehicle throughout the day, giving journalists the opportunity to experience an Intel-powered autonomous road trip first-hand.
- Intel and Ericsson showed progress toward 5G for autonomous driving with a live, over-the-air demonstration of data moving across a 5G network between the car and the cloud.
- Intel executives provided technical courses on the autonomous driving data challenge and its impact on everything related to autonomous driving, including the design of an autonomous car brain; data center planning and design; network infrastructure: and the artificial intelligence needed to process, understand, manage, move, share, store and learn from the data.

Autonomous Driving News

- Intel Will Succeed in Autonomous Driving. I Bet My Career on It. (Doug Davis Editorial)
- Intel Presents Autonomous Driving Workshop (Live Updates)
- Intel Unveils Latest Autonomous Driving Lab in Silicon Valley (News Byte)

Images


intel
SMARTER AI
SENSE
DECIDE
FUSE
ATOM
ARRIA
XEON


intel CES17
AUTOMATED DRIVING
POWERED BY INTEL

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intel
NAVIGATING THE SMART CITY

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AUTONOMOUS DRIVING WORKSHOP

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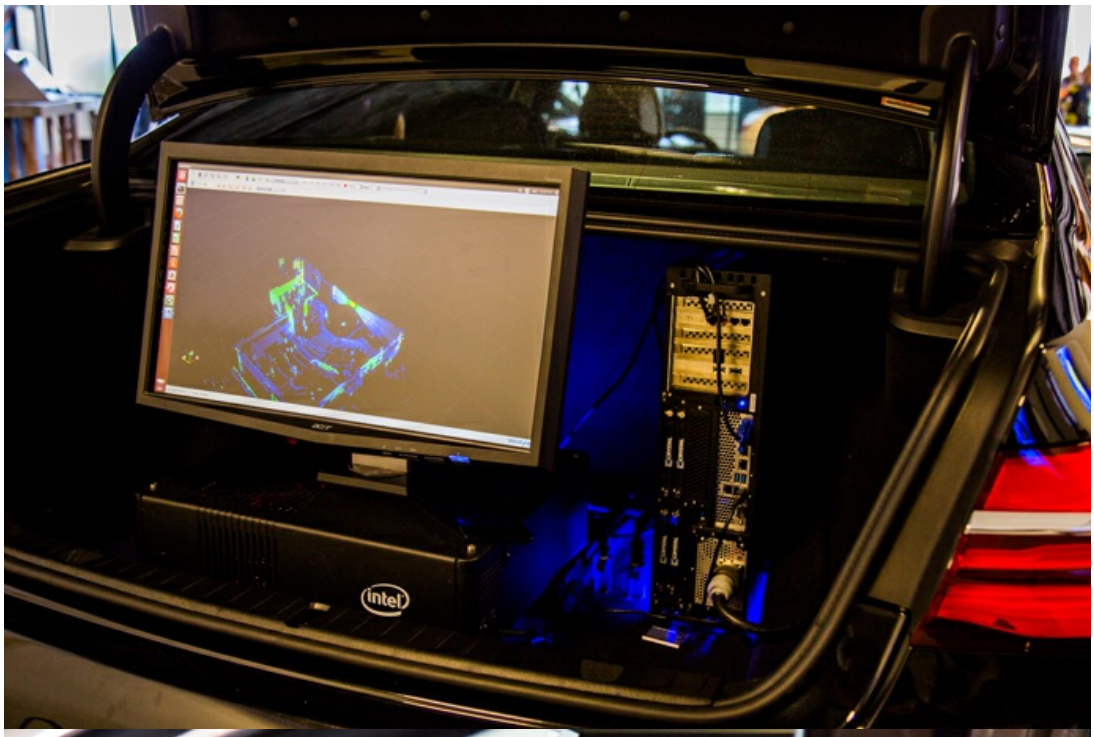
Personal CoPilot

7KJT256
ottomatika
Self-Driving Vehicle
DELPHI
Self - Driving Vehicle

DELPHI
Self - Driving Vehicle
intel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AUTONOMOUS DRIVING WORKSHOP

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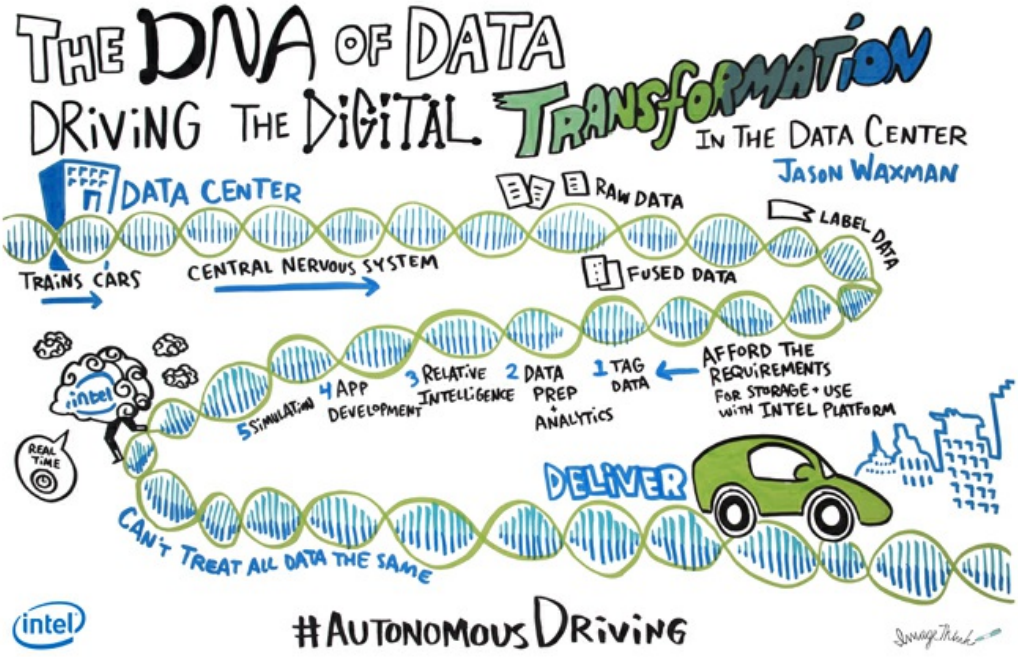
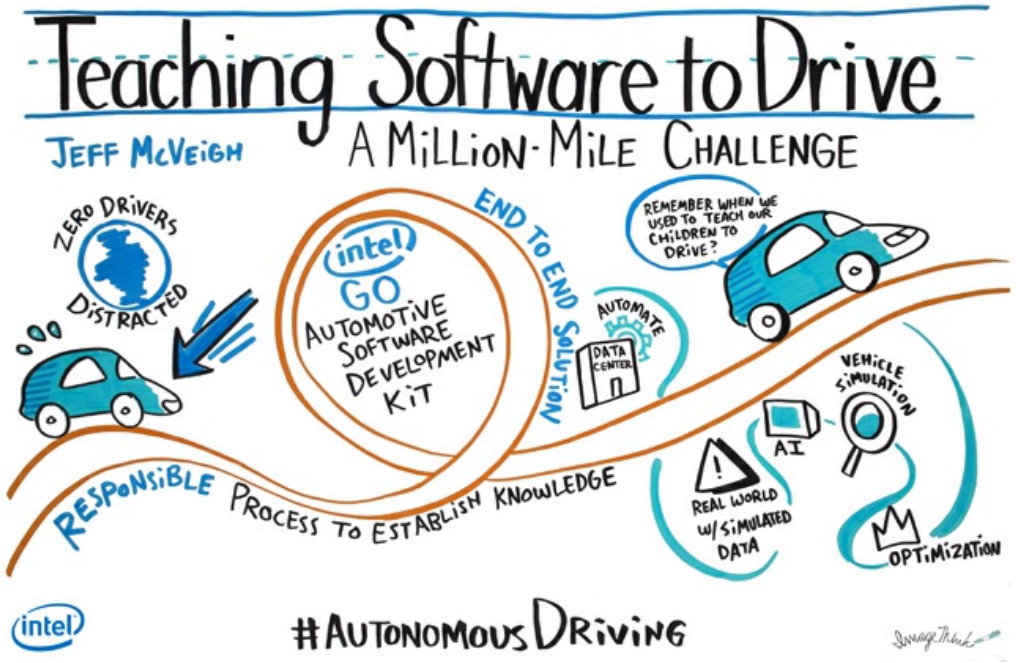
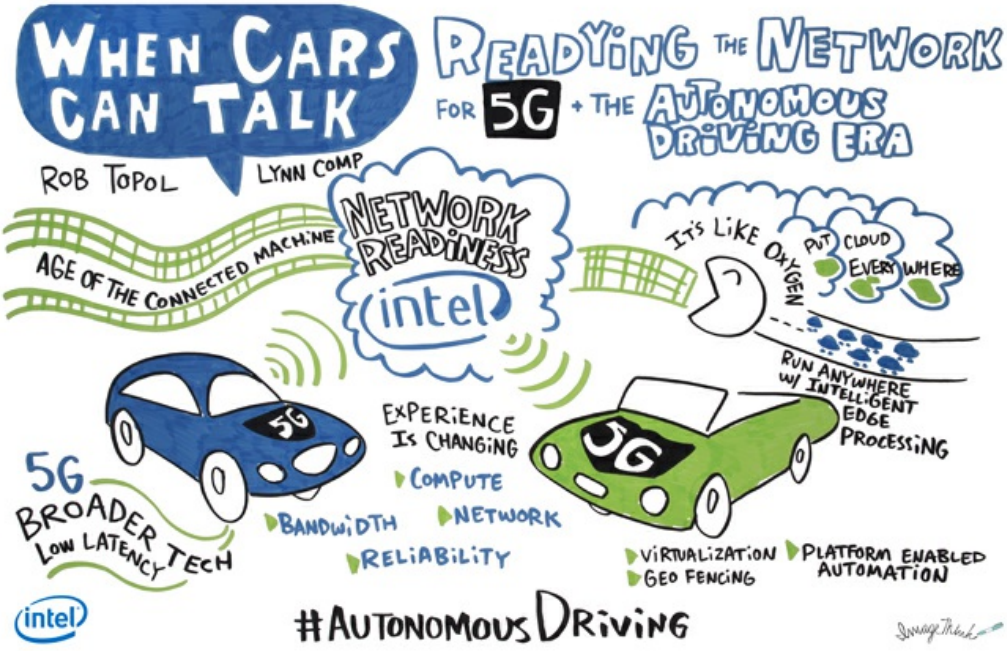
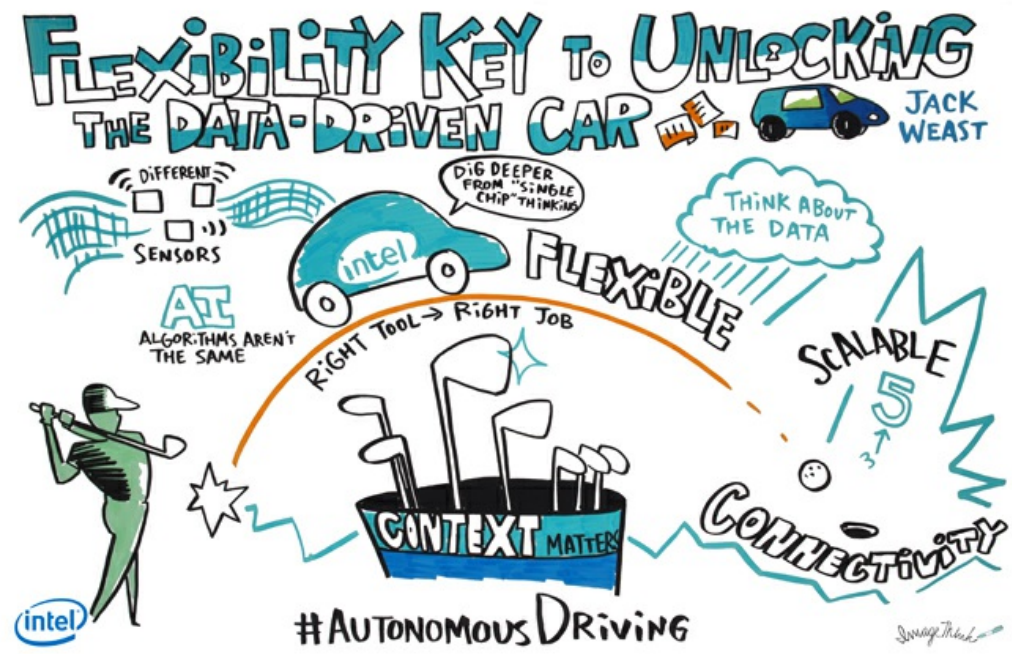

THE DNA OF DATA
DRIVING THE DIGITAL TRANSFORMATION
IN THE DATA CENTER
JASON WAXMAN
DATA CENTER
TRAINS CARS
CENTRAL NERVOUS SYSTEM
RAW DATA
LABEL DATA
FUSED DATA
AFFORD THE REQUIREMENTS FOR STORAGE + USE WITH INTEL PLATFORM
1 TAG DATA
2 DATA PREP + ANALYTICS
3 RELATIVE INTELLIGENCE
4 APP DEVELOPMENT
5 SIMULATION
REAL TIME
DELIVER
CAN'T TREAT ALL DATA THE SAME
intel
#AUTONOMOUS DRIVING


Teaching Software to Drive
JEFF MCVEIGH
A MILLION-MILE CHALLENGE
ZERO DRIVERS DISTRACTED
intel GO AUTOMOTIVE SOFTWARE DEVELOPMENT KIT
END TO END SOLUTION
AUTOMATE
DATA CENTER
REMEMBER WHEN WE USED TO TEACH OUR CHILDREN TO DRIVE?
VEHICLE SIMULATION
AI
REAL WORLD W/ SIMULATED DATA
OPTIMIZATION
RESPONSIBLE PROCESS TO ESTABLISH KNOWLEDGE
intel
#AUTONOMOUS DRIVING


WHEN CARS CAN TALK
READYING THE NETWORK FOR 5G + THE AUTONOMOUS DRIVING ERA
ROB TOPOL
LYNN COMP
AGE OF THE CONNECTED MACHINE
NETWORK READINESS
intel
IT'S LIKE OXYGEN
PUT CLOUD EVERY WHERE
RUN ANYWHERE W/ INTELLIGENT EDGE PROCESSING
5G
5G BROADER LOW LATENCY TECH
EXPERIENCE IS CHANGING
COMPUTE
BANDWIDTH
NETWORK
RELIABILITY
VIRTUALIZATION
GEO FENCING
PLATFORM ENABLED AUTOMATION
intel
#AUTONOMOUS DRIVING


FLEXIBILITY KEY TO UNLOCKING THE DATA-DRIVEN CAR
JACK WEAST
DIFFERENT SENSORS
DIG DEEPER FROM "SINGLE CHIP" THINKING
THINK ABOUT THE DATA
intel
FLEXIBLE
AI
ALGORITHMS AREN'T THE SAME
RIGHT TOOL → RIGHT JOB
SCALABLE
5
3
CONTEXT MATTERS
CONNECTIVITY
intel
#AUTONOMOUS DRIVING

intel
AUTONOMOUS DRIVING
GARAGE
SILICON VALLEY
ROAD CONDITIONS

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INTEL® GO™ AUTOMOTIVE SDK
AMAZING
POWERED BY INTEL

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AUTONOMOUS DRIVING WORKSHOP
Teaching Software to Drive
A Million-Mile Challenge
Jeff McVeigh
#AutonomousDriving

AUTONOMOUS DRIVING WORKSHOP

Lynn Comp
Intel

Jason Waxman
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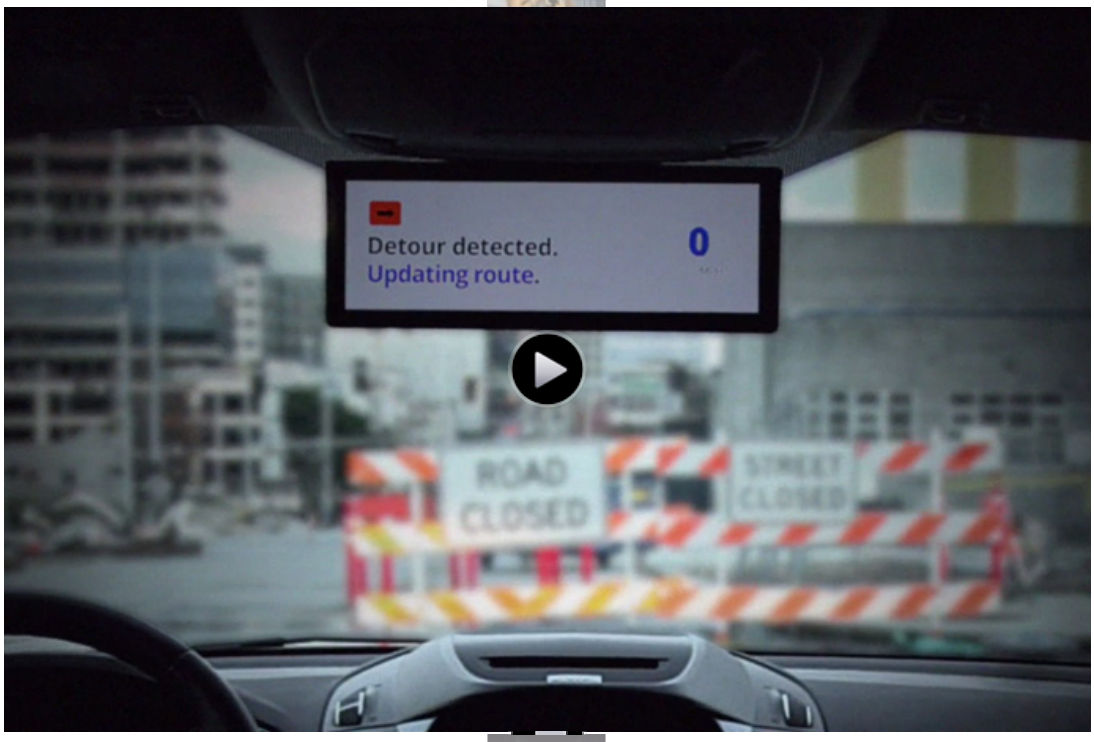

» Download video: “Intel’s 2017 Autonomous Driving Workshop (B-roll)”

» Download video: “Visualizing 5G for Autonomous Vehicles (B-roll)”

» Download video: “Building Passenger Trust with Human-Machine Interfaces”

Demo Fact Sheets

- Visualizing 5G for Autonomous Cars
- BMW 7 Series Highly Automated Driving Test Vehicle
- Building Passenger Trust with HMI
- HERE HD Live Map Makes the Invisible Visible
- Intel GO Automotive Software Development Kit
- Power-Efficient OpenCL-based Deep-Learning Algorithm
- Navigating the Smart City
- Wind River Helix CarSync

More on Autonomous Driving

- Autonomous Driving Press Kit
- Intel Autonomous Driving Workshop (Chalk Talks)
- Autonomous Driving Glossary (PDF)
- The 5G-Autonomous Driving Connection (Fact Sheet)

Tags: 5G, Autonomous Driving, Data

Other News

Autonomous Driving / Mobileye

Mobileye and Udelv Ink Deal for Autonomous Delivery

SD Supercomputer Center Selects Habana, Intel for Efficient AI

Press Kit Contents

- 2017 Autonomous Driving Workshop
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Categories

5G & Wireless Communications, Artificial Intelligence, Automotive, Data Center, Internet of Things, Programmable Solutions Group