News Release

Embedded Vision Alliance Announces Keynote Speakers for 2018 Embedded Vision Summit

Industry Leading Event Showcases Computer Vision Innovations at the Edge and in the Cloud

WALNUT CREEK, Calif. – February 28, 2018 – The Embedded Vision Alliance® today announced the keynote speakers for the 2018 Embedded Vision Summit, which will take place May 22-24, in Santa Clara, California. Legendary inventor Dean Kamen and globally renowned computer vision expert Dr. Takeo Kanade will take the stage at the 8th annual Embedded Vision Summit, which is the industry's only event focused exclusively on deploying computer vision in systems, applications and devices.

More than 1,200 computer vision professionals are expected to attend the three-day event, which attracts a global audience of companies developing vision-enabled products, both at the edge and in the cloud. The event features industry innovators, top technologists and engineers who are creating "machines that see" for a wide range of industries including automotive, entertainment, healthcare, manufacturing, retail, robotics and security.

"Computer vision is becoming one of the most important technologies of our era, enabling products that are safer, more capable, easier to use and more autonomous, in applications that impact virtually every industry," said Jeff Bier, founder of the Embedded Vision Alliance. "The Embedded Vision Summit is designed to inspire and empower developers to incorporate visual intelligence into all types of systems. I am delighted to welcome two of the world's leading innovators, Dr. Takeo Kanade and Dean Kamen, as keynote speakers for the 2018 Embedded Vision Summit, and look forward to hearing their unique perspectives on how computer vision is being used to transform lives and industries."

Keynote Presentations

- **Tuesday, May 22, 2018**
  Think Like an Amateur, Do as an Expert: Lessons from a Career in Computer Vision
  Dr. Takeo Kanade, U.A. and Helen Whitaker Professor, Carnegie Mellon University
  Most researchers, when asked their fondest desire, respond that they want to do good research. If further queried as to what constitutes "good research," they often find it difficult to give a clear answer. For computer vision pioneer Dr. Takeo Kanade, good research derives from solving real-world problems, thus delivering useful results to society. "Think like an amateur, do as an expert" is his research motto: When conceptualizing a problem and its possible solution, think simply and openly, as a novice in that field, without preconceived notions. When implementing a solution, on the other hand, do so thoroughly, meticulously and with expert skill. In his presentation, Dr. Kanade will share his experiences in developing a vast range of computer vision systems and autonomous robots, including face recognition, autonomously-driven cars, computer-assisted surgical robots, robot helicopters, biological live cell tracking and a system used for sports broadcasts.

- **Wednesday, May 23, 2018**
  From Mobility to Medicine: Vision Enables the Next Generation of Innovation
  Dean Kamen, Founder, DEKA Research and Development
  Legendary inventor Dean Kamen believes the time is right for computer vision to be used everywhere and in his view, computer vision has advanced to the point where it can serve as a ubiquitous, versatile sensor enabling feedback control in countless applications. In his presentation, Kamen will share what he's learned from the introduction of computer vision into the FIRST Robotics competition, and he'll present his company's work on its next-generation agile wheelchair, which will use computer vision to enable autonomous navigation. In addition, Kamen will explain how his newest project will use computer vision in the large-scale manufacturing of engineered tissues and tissue-related technologies, with the eventual goal of mass-producing replacement organs for humans.

About the 2018 Embedded Vision Summit

The 8th annual Embedded Vision Summit is being held May 22-24, 2018, at the Santa Clara Convention Center. The Summit is the only event focused exclusively on deployable computer vision, attracting a global audience of companies developing vision-enabled products, both at the edge and in the cloud. The 2018 Embedded Vision Summit is expected to attract more than 1,200 attendees, feature more than 80 presentations and showcase more than 100 technology demos, as well as host a variety of technical workshops and training classes. The sponsors announced to date for the 2018 Summit are Aimotive, Allied Vision Technologies, ARM, BDTI, Cadence Design Systems, Lattice Semiconductor, Nextchip, Novumind, NXP Semiconductors and Synopsys. For the latest updates on the Embedded Vision Summit, follow @EmbVisionSummit on Twitter.

About The Embedded Vision Alliance®

The Embedded Vision Alliance is a worldwide industry partnership bringing together technology providers and end product companies who are enabling innovative and practical applications for computer vision for a range of market segments and applications, including automotive, consumer electronics, gaming, imaging, and more. Membership is open to any company that supplies or uses technology for computer vision systems and applications. For more information on the Alliance, visit https://www.embedded-vision.com.

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