Announcing: Intel® AI Interplanetary Challenge

Join Bill Nye and Robert Picardo, your navigators on a journey through the future of space exploration and AI. Take this challenge for a chance to win prizes and rub elbows with stars.

Get Started

Artificial Intelligence (AI)

Deep Learning Training on Intel® Xeon® Processors Using Transfer Learning

Find out how existing deep learning models can be easily and flexibly customized to solve new problems.

Build a Basic Neural Network Model with BigDL

See how to build a simple model and use a sample dataset to train your model.

Read it

View video
INTERNET OF THINGS (IOT)

Intel Global IoT DevFest III: Register Now

Join us for two days of professional growth and inspiration as the worldwide developer community converges to explore all things IoT during the Intel Global IoT DevFest III.

Accelerate AI From Edge-to-Cloud – New OpenVINO™ toolkit!

Computer vision & deep learning are the big thing driving AI. Streamline building powerful applications with OpenVINO™ (Open Visual Inference & Neural Network Optimization) toolkit.

VIRTUAL REALITY (VR)

Enable Extreme Megatasking with Intel® Core™ i9 Processor-based Systems

The raw compute power of new Intel® Core™ i9 processor-based systems enable extreme megatasking through the use of double-digit cores in a single CPU.

One Door VR: The First Proof of Concept on Untethered VR Using MSI* Backpack PC

Intel® Software Innovators Corey Warning and Will Lewis came up with an innovative idea that could only be possible with an untethered VR setup.
DATA CENTER

Lightweight Virtualized Containers for Network Function Virtualization
Find out how components of container management systems work and how they interact with VMs in systems such as Intel® Clear Containers and the new Kata Containers* project.

Create a Persistent Memory-Aware Queue Using the PMDK
Prevent corruption of persistent memory during queue operations by making them transactional with the Persistent Memory Development Kit (PMDK). The article includes sample code.

Will Persistent Memory Solve My Performance Problem?
Persistent memory is a new tier that fits between DRAM and SSD storage in the memory hierarchy. Analyze your application to learn if it will benefit from persistent memory.

GAME DEV

Megatasking: Making Mixed-Reality Magic Work for Your Virtual Reality Game
Showing off the experience of a 3D game in a 2D video is challenging as simple recording of what the player sees offers only part of the story. One way to solve this is mixed reality.

Unreal Engine*: Blueprint CPU Optimizations for Cloth Simulations
Realistic cloth movement can bring a great amount of visual immersion into a game. Using PhysX Clothing is one way to do this without the need of hand animating.
What's New: Intel® Quartus® Prime Design Software v18.0 for FPGA

Providing shorter design cycles, faster compile times, smarter analysis and improved usability, the latest release of Intel® Quartus® Prime Design Software v18.0 is optimized for FPGA designers.

Supercharge your Apps with Intel® Distribution for Python*

Satisfy your need for speed. Accelerate compute-intensive Python* computational packages like NumPy, SciPy and scikit-learn with Intel® Distribution for Python.

Intel® AI DevCon 2018

May 23 - 24, 2018
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European HPC Summit Week 2018

May 28 - June 1, 2018
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Find out

Intel Global IoT DevFest III

June 19 - 20, 2018
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