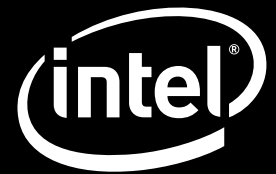


INTEL® SOFTWARE DEVELOPER WORKSHOP PARIS 2020



Agenda*

- 09:00 Keynote: Accelerate your AI journey from data to insights**
Hear how you can use the latest Intel AI portfolio to transform huge amounts of data into valuable insights that can be applied in your journey to AI success.
- 09:30 Up Up and Away: How to use the latest Intel® Xeon® processors to give your AI applications a significant boost.**
In this session we show how you can use the latest Intel® Xeon® processors - the Intel® Xeon® scalable processor 2nd generation – to give a significant boost to your AI applications; lower your cloud costs; and benefit from the resulting improved *power-performance* ratio.
- 10:00 Up Up and Away: Hands-on lab - Part 1**
In this hands-on lab we look at the topic of 'Model Quantization' and how the latest Intel processors are designed for mixed precision model inference. After converting a Computer Vision (or NLP) model to lower precision model (FP16/Int8) using Intel Software tools; we deploy the lower precision model on the latest Intel® Xeon® processors leveraging the Intel® DL Boost feature to gain a performance advantage.
- 10:30 Break**
- 11:00 Up Up and Away: Hands-on lab - Part 2**
Continuation from Part 1 of the lab.
- 12:30 Lunch**
- 13:30 Guest Talk: tbd**
- 14:15 The new Intel® Parallel Studio 2020: Its significance for Data Scientists and Machine Learning developers.**
Now in its 12th year, the Intel® Parallel Studio is a suite of 10+ best-in-class tools and performance libraries which helps developers optimize code for the latest multicore and many core Intel® Architecture. Learn how you can leverage the power of this toolsuite in your AI / ML projects.
- 14:45 The new Intel® Parallel Studio 2020: Hands-on lab - Part 1**
Learn how to use optimized Python** and Libraries, such as ScikitLearn, and the Intel® pyDAAL library to produce optimized classical Machine Learning code that run efficiently on Intel® Architecture. We also show how you can generate your own optimized Python** libraries to give spectacular performance.
- 15:15 Break**
- 15:45 The new Intel® Parallel Studio 2020: Hands-on lab - Part 2**
Continuation from Part 1 of the lab.
- 16:45 AI Research at Intel:**
"Intel AI Research is pushing the limits of artificial intelligence and computing at every level, from atomic physics to data-center orchestration. We make big bets and take a systems view of AI: our research spans foundational work in machine learning algorithms and computer architecture to applied research in computer vision, autonomous driving, and distributed learning systems"
- 17:30 Networking**

*Agenda is subject to change.

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