oneAPI AI Technical Advisory Board

March 08, 2022

Agenda

Duration	Topics
5 min	Welcome & New Members
30 minutes	Interfacing oneAPI and Python – Diptorup Deb
30 minutes	Metagraph Project – Stan Seibert, Anaconda
25 min	Q&A, Opens, Upcoming Topics

2021 Prior Topics:
[oneAPI AI TAB Meeting Minutes](#)

AI Machine Learning Accelerators – Wei Li, Intel
oneDNN on ARM – Kentaro Kawakami, Fujitsu

oneAPI spec update - Sanjiv Shah, Intel
Antares for SYCL - Wei Cui, Microsoft
TensorFlow and oneDNN in Partnership - Penporn Koanantakool, Google
Intel Extension for TensorFlow Demo - Jian Hui Li, Intel
Enable Deep Learning Frameworks at Scale - Dmitry Durnov, Intel

Why oneAPI, DPC++ Kick-off - James Brodman, Intel
oneAPI Threading Building Blocks - Mike Voss, Intel
oneAPI Data Analytics Library (oneDAL) - Nikolay Petrov, Intel

Overview of oneAPI and SYCL: how all the pieces fit together - Andrew Richards, Codeplay
Mapping AI software to SYCL and oneAPI: ONNX, Eigen, TensorFlow - Mehdi Goli, Codeplay
Mapping SYCL to accelerator hardware, using RISC-V as an example - Alastair Murray, Codeplay
Experience of using SYCL and oneAPI with National Labs - Gordon Brown, Codeplay