

## CUDA and Python with Numba

*Thursday 8 July 2021 14:00 (30 minutes)*

Numba is a Just-in-Time (JIT) compiler for making Python code run faster on CPUs and NVIDIA GPUs. This talk gives an introduction to Numba, the CUDA programming model, and hardware. The aim is to provide a brief overview of:

- What Numba is,
- Who uses it,
- Whether you should use it in your application,
- How to use it, and
- Some different ways to get access to CUDA hardware.

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