

alpaka Parallel Programming – Online Tutorial

Recap of Lecture 20



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Recap of Lecture 20

- 1D work division
 - Obtaining Thread index from alpaka's API
 - Thread index calculation
- 2D work division
 - Obtaining Thread indices (as vector) from alpaka's API
 - Thread indices calculation
- Computing π
 - Passing parameters
 - Accessing memory inside the Kernel
 - Device-side math functions
 - Host-side memory management
 - Launching Kernels



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