



# Workshop: Scaling CUDA C++ Applications to Multiple Nodes

## Friday 13 September 2024

**Halo Exchanges with NVSHMEM: (Practice common coding motifs like halo exchanges and domain decomposition using NVSHMEM, and work on the assessment: – Write an NVSHMEM implementation of a Laplace equation Jacobi solver. – Refactor a single GPU 1D wave equation solver with NVSHMEM.) (14:45 - 16:30)**