



Eidgenössische Technische Hochschule Zürich
Swiss Federal Institute of Technology Zurich

High-Performance Computing Lab for CSE

2024

Student: FULL NAME

Discussed with: FULL NAME

Solution for Project 4

Due date: Monday 29 April 2024, 23:59 (midnight).

1. Ring sum using MPI [10 Points]
2. Cartesian domain decomposition and ghost cells exchange [20 Points]
3. Parallelizing the Mandelbrot set using MPI [30 Points]
4. Parallel matrix-vector multiplication and the power method [40 Points]