Università	Institute of
della	Computational
Svizzera	Science
italiana	ICS

## **High Performance Computing**

2018

Student: FULL NAME

Discussed with: FULL NAME

Solution for Assignment 5

Due date: 19 November 2018, 23:55

## Parallel Programming with MPI

This assignment will introduce you to parallel programming using MPI. You will implement simple message exchange, compute a process topology and parallelize computation of the Mandelbrot set.

1. Exchange of the ghost cells

(40 Points)

2. Parallelizing the Mandelbrot Set with MPI

(60 Points)