

# Parallel and Distributed Computation

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General Informations

Student data

Course projects

## General Informations

# Course Syllabus

<https://github.com/cvdlab-courses/pdc>

# Course Schedule and materials

schedule

# Course ToolBox

- ▶ [Git](#) & [Github](#)
- ▶ [Julia](#) (language)
- ▶ [Weave](#), [Pandoc](#), [Latex](#) (documentation)
- ▶ [Python](#), [Pyplasm](#), [Larlib](#) (Graphics)

Student data

## email me your data

- ▶ To: `paoluzzi@dia.uniroma3.it`
- ▶ Subject: `[pdc]` student data
- ▶ Contents:
  - ▶ Family name
  - ▶ First name
  - ▶ Student ID
  - ▶ Other CS courses taken
  - ▶ Other CS courses to take

send it just NOW !



# Final Evaluation

- ▶ 50% Final Programming Test (written exam)
- ▶ 50% Personal project (to submit via GitHub)

# Programming test

- ▶ In the **CVDLAB** (Via della Vasca navale, 79)
- ▶ Code must run (under penalty of exclusion)
- ▶ Code must be documented (using Weave.jl)

## Course projects

# Depending on the enrolment

Two major programming arenas

1. Simulation models of earthquakes
2. Parallelization of LAR topological scheme (application to images)