

JULIA HIGH PERFORMANCE

Cineca Bologna February 28th-29th March 1st, 2024

AGENDA

DAY1 (Renato Assante, Moreno Guernelli):

9:00-12:30 14:00-17:00

- Why Julia?
- Setup and installation
- Julia basics
- Functions
- Control Flow

DAY2 (Renato Assante, Moreno Guernelli, Francesco Cola):

9:00-12:30 14:00-17:00

- Input/Output
- Plots and visualization
- Basics of parallel computing Julia
- parallel

DAY3 (Alessandro Romeo, Matteo Angelinelli):

9:00-12:30 14:00-17:00

- Basics of accelerated computing
- Julia GPU
- Applied Julia: an example with Machine Learning

