

Welcome to Gridap Day

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About us

- **Francesc Verdugo, PhD**

- Assistant Professor at **VU Amsterdam**
- Gridap founder and main contributor



- **Eric Neiva, PhD**

- Postdoc at **CIRB (CNRS/UMR7241)**
- Gridap and GridapEmbedded contributor



Schedule

- 10:00-12:30: **Basic usage of Gridap.jl**
 - Overview of Gridap.jl
 - *Tutorials* (from lazy evaluation to nonlinear problems)
- 12:30-14:00: **Lunch break**
- 14:00-17:00: **Advanced usage of Gridap.jl**
 - *Exercises* (coupled/nonlinear/transient problems)
 - Office hour and wrap-up

Survey results (17 answers)

- Everybody knows FEM
- Most of you know Julia
 - *For how long? Why?*
- You also use Python, C++/C and Matlab
- About 1/3 of you know Gridap
- You also work with FreeFEM, FEniCS and deal.II
 - *Why Gridap?*

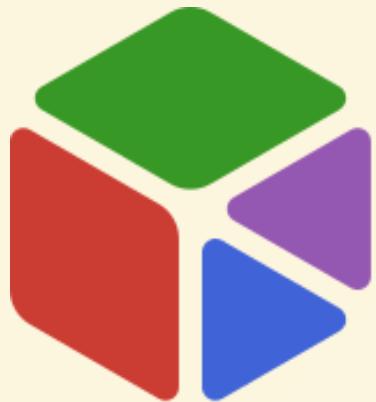
Survey results (17 answers)

- You want to learn about solving
 - Nonlinear, transient and coupled/multiphysics problems
- Also parallelism and Gridap plugins to other SW
- You want to use Gridap for
 - R&D of new FEMs
 - Coupled/multiphysics problems

Tell us about you!

- In the office hour
 - *Is there anything you want to discuss?*

Let's start discovering



Gridap