RAYLEIGH TUTORIAL

OVERVIEW

CIG
COMPUTATIONAL INFRASTRUCTURE
for GEODYNAMICS
WHY ARE WE HERE?

This tutorial will cover everything you need to begin producing scientific results with the Rayleigh code.

If you have additional questions, please do not hesitate to contact me at:

feathern@colorado.edu
WHAT THIS TUTORIAL WILL COVER:

• Overview of the Rayleigh Code
• Building the code
• Running the code
• Controlling Physics
• Ensemble Mode
• Generating Output
• Plotting Output
• Custom Diagnostics
WHAT THIS TUTORIAL WILL NOT COVER:

- Modifying code physics
- Porting to specific machines (contact me)
- 3-D Visualization (contact me)
- Python...
QUICK NOTE ON THE LICENSE

The Rayleigh paper will be submitted soon.

Following acceptance, it will be made available online via github.

Please do not distribute the code in the meantime, but contact me if you know someone who wants/needs it sooner:

feathern@colorado.edu