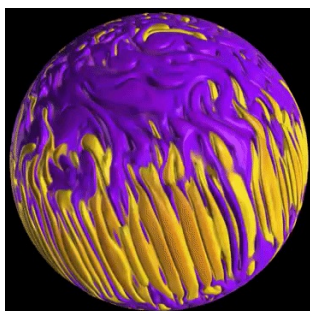# CIG '16

CIG'16 is just weeks away. This community-wide meeting, *Interdisciplinary Directions in Computational Geophysics,* will be held on the campus of **UC Davis.** Plenary sessions will be held from **June 20-22** with tutorials before, during and after. Remember to check the website for the latest logistics, tutorial instructions, as well as the schedule of events. List your poster and sign up for a lightning talk here.
Use **#CIG16UCD** on Twitter for up-to-date news and announcements during the meeting.

Research Highlight

Get the latest news for CIG'16
#CIG16UCD @UCDgeodynamics

THE SPECTRAL AMPLITUDE OF STELLAR CONVECTION AND ITS SCALING IN THE HIGH-RAYLEIGH-NUMBER REGIME

In spring of 2013, CIG initiated code development of *Rayleigh,* a new HPC pseudospectral code for studying spherical dynamos such as those that occur in the planetary and stellar interiors. This effort is lead by Nick Featherstone with CIG's Geodynamo Working Group. **Featherstone and Hindman (2016)** present the first results from*Rayleigh* with a series of three-dimensional stellar convection simulations designed to examine how the amplitude and spectral distribution of convective flows are established within a star's interior... *read full article*. N. Featherstone ...

Rotation Convection using Raleigh

New Publications Database

Searching for a publication using CIG hosted software just got easier with our implementation of refbase. Search for publications by software title, year, author and more. See Publications. Don't forget to submit your own publications for inclusion... *more Refbase info*.

CIG III to begin!

WEBINARS

May 12 - Resolution analysis by random probing
More info
Connect to webinar

MEETINGS

Jun 17-19: PyLith Tutorial
Jun 19: Rayleigh Tutorial
Jun 20-22: CIG ' 16 Interdisciplinary Directions in Computational Geophysics
Jun 23-24: Tutorials in Seismology
Jun 23: Underworld II
Jun 23-July 3: ASPECT Hackathon

NEW RELEASES

VQ x.x.1

ALLOCATIONS

Stampede:1,040,676.99 SUs
Ranch: 7,000.0 GB
Maverick: 15,000.0 SUs

QUICK LINKS

Submit Publications
Software

CONTACT US

contact@geodynamics.org

I am pleased to announce that CIG-III will be supported by the NSF's Geoinformatics program, with support from Advanced Cyberinfrastructure. Over the last decade our geodynamics community has grown and developed, pushed the scientific and computational frontiers of geophysics, and become a model for other scientific communities... continue reading - *Louise Kellogg*

Governance

Welcome to our new member institutions and member representatives: University of Memphis, Eunseo Choi and Portland State University, Maxwell Rudolph. CIG is 76 members strong.

2016 XSEDE Allocation Awarded

CIG was recently awarded resources on XSEDE for high-end computational resources, visualization, and storage. The resources are available through our community allocations from 2016-04-01 through 2017-03-31. CIG maintains community allocations for researchers to perform small-scale research tests and benchmarks with the goal of helping researchers obtain their own XSEDE allocations. See our website to request an account ... *XSEDE*.

GSA 2016 Denver, CO - Short Course

525. Intro. to Numerical Modeling of Lithospheric Deformation in Matlab
Sat., 24 Sept. 2016, 9am–5pm (E. Mittelstaedt, J.A. Olive, and J. Nabiloff)

A one-day course designed to introduce geoscientists with a range of specialties to the concepts of numerical simulation, through a hands-on experience using a modern, research capable numerical code (SiStER – Simple Stokes with Exotic Rheologies)... *short course info* ... *Registration*.