

CIG Software Releases

- **Gale release 1.1.1** - Gale is an Arbitrary Lagrangian Eulerian code for the long term tectonics community. The code solves problems related to orogenesis, rifting, and subduction with coupling to surface erosion models. This latest release features a number of bug fixes and includes visualizations of the cookbook examples in the documentation. Gale is a joint effort between CIG, Victorian Partnership for Advanced Computing (VPAC), and Monash University. See Gale for binaries, source code, and manual.
- **MAG 1.0.1** - MAG is a serial version of a rotating spherical convection/magnetoconvection/dynamo code that solves the non-dimensional Boussinesq equations for time-dependent thermal convection in a rotating spherical shell filled with an electrically conducting fluid. The latest release includes three MAG examples, offers a movie output option and the IDL script to generate the movie, and fixes a bug in the spherical harmonic coefficient file. See MAG for source code and manual.


Upcoming Meetings/Training Sessions

- **CIG Training Session, EarthScope** - At EarthScope on March 27, 2007, in Monterey, CA, CIG will conduct a training session in the use of the Gale and CitComS software packages. Financial support is available, with priority given to graduate students and post-docs who wish to attend. See Training Session on Gale and Citcom at Earthscope 2007 for details and to register or request financial support.
- **Community Finite Element Models for Fault Systems and Tectonic Studies 2007 Workshop** - The next CFEM workshop will be held from June 25-29, 2007, in Golden, Colorado on the campus of the Colorado School of Mines. Limited reimbursement is available for all participants, for a portion of costs incurred. There are no registration fees. More information will be posted when received.
- **Joint CIG/SPICE/IRIS Computational Seismology Workshop** - A joint workshop between SPICE (Seismic wave Propagation and Imaging in Complex media: a European network), IRIS (Incorporated Research Institutions for Seismology), and the CIG Seismology Working Group is planned for October 9-11th, 2007, in Jackson, NH, at the Eagle Mountain House. It will be a joint meeting between European and American Seismologists to discuss current "hot topics": algorithm development, imaging developments, and the future goals of a united American-European scientific community. Funding will hopefully be available to support up to 100 participants who will examine the current and future possibilities for computational seismology. Stay tuned for details.

Nominations for New EC Seat Solicited

- In December 2006 at the CIG Business Meeting, representatives of the member institutions voted to expand the membership of the Executive Committee from four to five. A detailed description of the duties of the EC can be found in the recently updated CIG By-laws (PDF). E-mail your nominations, suggestions, and other recommendations to the Nominating Committee, which consists of Brad Hager (Massachusetts Institute of Technology), Laurent Montesi (Woods Hole Oceanographic Institution), and Magali Billen (University of California, Davis).

Committees, Staff, Etc.


CIG Administration, contracts, travel, etc.: Ariel Shores, (626) 395-1699, 

Equation solvers (PETSc) and PyLith development: Matt Knepley, 


SVN software repository and GALE development: Walter Landry, (626) 395-4621, 


Benchmark problems, visualization, and CitCom: Luis Armendariz, (626) 395-1695, 

Build procedure and computational seismology: Leif Strand, (626) 395-1697, 

Mantle convection codes and benchmarks: Eh Tan, (626) 395-1693, 

Website and user manuals: Sue Kientz, (626) 395-1694, 

Geodynamo and systems administration: Wei Mi, (626) 395-1692, 

Software architecture and Pyre framework: Michael Aivazis, (626) 395-1696, 

Administration: Mike Gurnis, (626) 395-1698, 

Science Steering Committee: contact Chairman Peter Olson (Johns Hopkins), 

Executive Committee: contact Chairman Mark Richards (Berkeley) 