



Workshop on analog modeling of tectonic processes May 13-15, Amherst Massachusetts
www.geo.umass.edu/analogworkshop/

Experiments with scaled analogs for crustal materials provide a powerful approach for understanding crustal deformation because we can quantitatively document deformation under controlled conditions. Recent advances in rheologic measurement and data acquisition are revolutionizing analog modeling methodologies and providing insights into tectonic processes. The aim of this workshop is to bring together the tectonic analog modeling community to discuss exciting innovations in analog modeling research, authentic science curriculum materials and future directions for analog modeling. This community includes analog experimentalists, students, instructors who use analog models in their classrooms and researchers who are interested in comparing their observations to analog experiment results. The workshop will include research presentations as well as hands-on experimentation and data analysis. The format of the workshop will allow analog modelers to get 'under the hood' and learn from each other. Discussion topics will include pixel tracking software, rheologic measurements, innovative materials, force data collection and data archiving.

Featured presentations on a wide variety of tectonic processes include:

- Bertrand Maillot, *University of Cergy-Pontoise*
- Karen Leever, *GFZ German Research Centre For Geosciences, Potsdam*
- Chris Kincaid, *University of Rhode Island*
- Guido Schreurs, *University of Bern*
- Danielle Wyrick, *Southwest Research Institute*
- Karen Daniels, *North Carolina State University*
- Tim Dooley, *Bureau of Economic Geology, The University of Texas at Austin*
- Mark Brandon, *Yale University*

Travel Support: Financial support for travel, housing and meals is limited to 30 US participants by application. Preference for support (partial or full) will be given to students, post-docs, early career scientists, those from under-represented groups and participants who present research (analog or not) at the workshop and participants who submit analog modeling curriculum materials to the SERC database prior to the workshop.

Apply by March 31: The on-line application at www.geo.umass.edu/analogworkshop/ calls for Name, position, institution
Either a) abstract of the research that you will present, or
b) a short description of the curriculum materials that you will share, or
c) a statement of your interests in the workshop

Convenors: Michele Cooke, *University of Massachusetts Amherst*, Saad Haq, *Purdue University*
Jacqueline Reber, *University of Texas, Austin*