May 23–25, 2006, 9 a.m.
Louisiana State University
338 Johnston Hall

To register, send an e-mail to Erik Schnetter at schnetter@cct.lsu.edu by May 19.

Walking through the thorns of Cactus:
## A workshop on the CactusEinstein software package

Cactus

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The first day of the workshop will focus on general uses of Cactus and the last two days will focus on numerical relativity applications.

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The LSU Center for Computation & Technology presents a workshop to introduce astronomy, computer science, electrical engineering and physics graduate students and post-doctoral scholars to CactusEinstein. Among the topics that will be covered in the workshop and lab sessions are:

- Cactus' basic functionality and simulation and visualization of a scalar wave equation,
- the CactusEinstein infrastructure and simple simulations using the AEI BSSN code,
- the Carpet mesh refinement package, and
- visualizing mesh refinement simulations
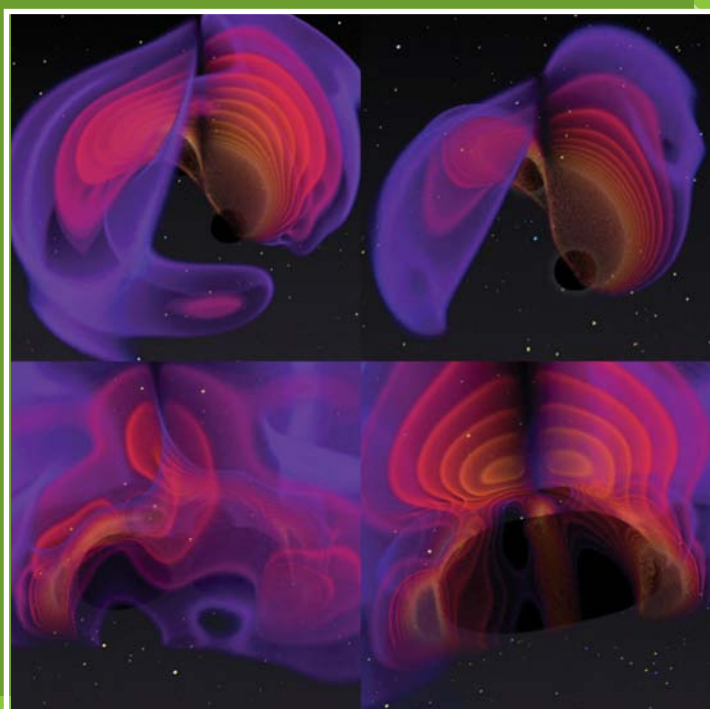
About Cactus

Cactus is an open source problem solving environment designed for scientists and engineers. Its modular structure easily enables parallel computation across different architectures and collaborative code development between different groups.

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Advanced lab sessions on starting your own Cactus project will be offered the day after the workshop concludes. For complete information on Cactus or the CactusEinstein workshop program, visit www.cactuscode.org.

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