

SC08 Austin, TX



SC08 Computational Science Student Team Competition

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The SC08 Education Program announces the 2008 Computational Science Student Team Competition. This event will take place during the SC08 Conference in Austin, Texas, in November 2008. Teams consisting of up to five students will be given problems from various scientific problem domain areas.

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The SC08 Student Competition Program is a competitive programming event. Teams will be given eight to twelve problems from various scientific problem domain areas. The competition will take place onsite at the SC08 conference in Austin, TX.

Program descriptions will be released one week prior to the on-site competition. Full problem descriptions and data sets will only be accessible to the teams the day of the actual event. Students will have the bulk of the day, from 8:30 am until 5:00 pm, to submit code and solutions to as many problems as they choose.

Part of the judging criteria will involve documentation of the team's activities. Each team will keep an engineering journal using provided paper or electronic lab notebooks.

A team consists of up to five students from recognized high school, undergraduate, and/or graduate degree programs. At least one team

member is required to be physically present at SC08 in Austin. There can be no more than three teams per institution. A faculty member may coach no more than one team. Faculty and other coaches are encouraged to mentor students up to, and including, release of the problem descriptions; but should have no involvement with the students on any aspect of the actual competition once the full problem details are released on the day of the event.

Every team will be given an account on a cluster. Compilers, debugging tools and parallel environments will be available on the resource, as well as some scientific software packages. During the event, teams may install their own software provided such installation does not require root privileges.

**For additional information on the
SC08 Student Team Competition,
<http://sc-education.org>**