

SC09 Education Summer Workshops

<http://sc-education.org/>

Register Now for Summer 2009

What are the SC Education summer workshops?

The SC Education Program provides week-long, hands-on workshops in computational science and parallel and cluster computing. These workshops focus on integrating high performance computing (HPC) and computational techniques into the curriculum for a wide variety of sciences primarily, but not exclusively, at the undergraduate level. These workshops are mainly designed for undergraduate faculty, who are also welcome to include administrators and students as part of their team.

What is the SC09 Education Program?

The Education Program is a multi-year, year-round program designed to teach primarily undergraduate faculty from a broad range of disciplines about high performance computing and computational methods, and to help them integrate HPC and computational techniques into their classrooms. The program culminates in a week-long offering at the SC09 Conference in November. In addition, the program sponsors three different categories of annual awards, as well as student contest.

Who is the intended audience?

The SC Education Program is open to undergraduate and graduate educators in all fields of science, technology, engineering, mathematics, humanities, arts and social sciences, especially those from minority-serving institutions. The summer workshops are also open to high school teachers collaborating with college faculty. Faculty are encouraged to mentor and support undergraduate and graduate students by including them as part of their team.

What are the workshop topics?

Topics for the 2009 summer workshop series include

- Introduction to Computational Thinking
- Parallel Programming and Cluster Computing
- Computational Biology for Biology Educators
- Computational Chemistry for Chemistry Educators
- Computational Engineering for Engineering Educators
- Computational Physics for Physics Educators
- Computational Thinking in the Grade 6-12 Classroom

What is the cost involved with attending?

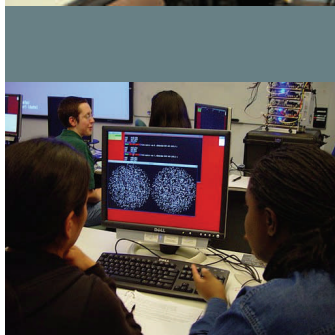
Participants are asked to provide a fully refundable* deposit of \$150 (payable by check or money order) and will be required to cover their own travel expenses. Room, board, all meals except Wednesday lunch and dinner, instructional costs, and other costs associated with the workshop are covered by the SC Education Program.

When and where are the workshops?

See the reverse side for workshop locations and dates.

How do I register?

Visit <http://sc-education.org/workshops/> to register.



SC09 Education Summer Workshops

Register at <http://sc-education.org/workshops/>

→ Introduction to Computational Thinking

Dates

May 25 – 30

July 5 – 11

August 2 – 8

Locations

Calvin College in Grand Rapids, MI

Atlanta University Center in Atlanta, GA

University of Arkansas in Fayetteville, AR

→ Parallel Programming and Cluster Computing

Dates

June 7 – 13

July 5 – 11

August 9 – 15

Locations

Kean University in Union, NJ

Louisiana State University in Baton Rouge, LA

University of Oklahoma in Norman, OK

→ Computational Biology for Biology Educators

Dates

June 7 – 13

Locations

University of California, Merced in Merced, CA

→ Computational Chemistry for Chemistry Educators

Dates

May 17 – 23

Locations

Oklahoma State University in Stillwater, OK

→ Computational Engineering for Engineering Educators

Dates

July 12 – 18

Locations

Ohio Supercomputer Center at OSU in Columbus, OH

→ Computational Physics for Physics Educators

Dates

June 14 – 20

Locations

Widener University in Chester, PA

→ Computational Thinking in the 6-12 Classroom

Dates

July 12 – 18

Locations

University of Florida in Gainesville, FL

This list is subject to change as more workshops are added. See the website at <http://sc-education.org/workshops/> for up-to-date information.

* Deposits will be refunded only after complete attendance at every single day of the workshop and submission of all surveys (pre-survey, all daily surveys, and post-survey), in a timely manner.

Withdrawing from a workshop without demonstrated special circumstances less than 21 calendar days before the official workshop start date may result in a partial or no refund.