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(CANCELED) LSU Beowulf Boot Camp

July 6-10, 2020

Digital Media Center, Louisiana State University

****Canceled****

The [LSU Center for Computation & Technology \(CCT\)](#) will host the [Beowulf](#) Boot Camp, July 6-10 on the LSU campus. This exciting course offers students a unique opportunity to work with advanced research technology not usually available in a typical classroom setting.

During Beowulf Boot Camp, students will work hands-on with a number of LSU professors as they learn how to build and use supercomputers. Regular participants include: [Dr. Steven Brandt](#), a computational scientist in the CCT who specializes in programming; [Dr. Peter Diener](#), who uses supercomputers to simulate colliding black holes; and others who specialize in diverse areas such as coastal science, and materials science.

Students will engage in the following activities:

- building a computer cluster from scratch
- installing the Linux operating system on the computer they've built
- connecting computers put together by their peers to make a mini-supercomputer
- learning how to program a mini-supercomputer in parallel with Python
- interactive activities to help understand how Parallel computing works in Supercomputing

Who:

Junior and High School Students (entering 7th-12th including graduating 12th graders)

This camp is introductory so students do not need a strong computational science background to participate. Some knowledge of programming a plus.

For more information on the Beowulf Boot Camp and its curriculum.

[Registration & Cost:](#)

\$105.00 pp. Supplies, lunches and snacks are provided during the camp. Participants are responsible for arranging their own transportation to and from LSU's campus. CCT will accept participants on a first-come, first-serve basis. Limited seats available so register early.

Where:

Louisiana State University, Digital Media Center, 340 East Parker Street, Baton Rouge, LA 70803. [Map it!](#)

Schedule:

9:00 AM - 3:30 PM, with an optional high-performance camp family night on Friday evening, 5:00 PM - 6:30 PM. [Sample Schedule.](#)

SPONSORS:



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For questions or special needs, contact Karen Jones at kjones@cct.lsu.edu.

For all LSU Center for Computation & Technology summer camp information, visit <https://www.cct.lsu.edu/cct-events>.

