Search

CENTER FOR COMPUTATION & TECHNOLOGY
Interdisciplinary | Innovative | Inventive

LOUISIANA STATE UNIVERSITY

| Home | About ▼ | Focus Areas ▼ | Research ▼ | Divisions ▼ | Programs ▼ | News ▼ | Events ▼ | Computing Resources ▼ | Jobs | Contact Us | Log In | LSU ▼ |

CCT Computing & Math Saturdays for Middle School Students

Registration is Closed -- Sessions are FULL!

Events

Current Events
Lectures▼
Events Archive▼

The LSU Center for Computation & Technology (CCT) will offer special instruction in computational mathematics to middle school students (Grades 7 and 8).

This program highlights the strong connections between mathematics and programming. It will provide students with a project-based introduction to coding and computer technology in an informal and engaging environment. The activities will reinforce the mathematics children already know by presenting them in the context of computing.

Participants will:

- Be introduced to state of the art functional programming.
- Solve mathematical problems by implementing them in a computer.
- Practice how to communicate mathematical ideas in a precise language.
- Learn how to use software for doing algebra and geometry on a computer.
- Teach mathematics to computers that "forgot" them.

The goal of the program is to promote interests in STEM careers among young children. Engaging talks by faculty affiliated with the LSU Center for Computation & Technology (CCT) will be included every Saturday.

WHO: Any middle school student in grades 7 and 8 who is interested in math and computer technology is eligible for the program. No previous experience with computing is required. Transportation to and from the LSU campus will be the responsibility of parents/guardians or the student's school.

REGISTRATION: $25 registration fee. All materials (including computers) and lunch will be provided. Participants can attend as many of the four Saturday's as they wish for the one-time fee. Note: Cancellations received and post-marked prior to September 28, 2014, will receive a full refund. After September 28, no refunds will be issued. Substitutions will be permitted! Registration Closed -- Sessions are Full!

SCHEDULE: All sessions are 8:30 a.m. to 3:30 p.m. (Each session is different, ideally students should plan to attend all four sessions but this is not mandatory).

- Session I: Saturday, October 4, 2014 [Room #1008B]

- Session 2: Saturday, October 11, 2014 [Room #1008B]

- Session 3: Saturday, November 15, 2014 [Room #1030]

- Session 4: Saturday, December 6, 2014 [Room #1030]

WHERE: Digital Media Center on LSU's Campus (house of the LSU CCT), located at the corner of S. Stadium and East Parker. Map it!

INSTRUCTORS: CCT Saturdays is offered by Louisiana State University and Baton Rouge Community College faculty and staff in collaboration with the LSU Center for Computation & Technology. The workshop will be presented by Fernando Alegre, computer science instructor at the Baton Rouge Community College; Kathy Traxler, LSU CCT's education, outreach and training specialist; and Juana Moreno, physics & astronomy and CCT's faculty at LSU.

SPONSORED BY: LSU Center for Computation & Technology

LA-SiGMA
Louisiana Alliance for Simulation-Guided Materials Applications

Home | About | Research | Programs | News | Events | Resources | Contact Us | Log In | LSU | Feedback | Accessibility