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LOUISIANA STATE UNIVERSITY

Programming Challenge for Girls 2013 (PC4G Int'l)

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The LSU Center for Computation & Technology (CCT) and Louisiana Alliance for Simulation-Guided Materials Applications (LA-SiGMA) invites girls 9-10th grade to participate in a one-day educational experience. PC4G wants girls to experience the fun of programming, and engage them before they make their senior high school subject choices. It's designed to be: Approachable, Fun, Educational, and Challenging!

Date: December 7, 2013 (Saturday)

Location: Louisiana State University - Baton Rouge, LA
Digital Media Center, West Lakeshore Drive @ East Parker
Room #1034

Registration: (FREE) Girls may sign up as either a team of two or individually, for which they will be assigned a team member. Grades 9th or 10th only; there is no need for any prior programming knowledge. **CLICK HERE TO REGISTER.**

Scope: Our goal is to engage ninth and tenth grade girls in computer science and introduce them to young women undergraduate and graduate students in STEM disciplines. This event is a fun-filled chance to learn computer programming through storytelling.

The Alice programming language is used because it's:

- 3D and colorful
- Easy to learn. Alice can be learned in 90 minutes, with no prior programming experience.
- Engaging. The Alice environment is fun to work with.
- There are multiple degrees of challenge. Girls are given a framework to code, and can extend or enhance it to any level.
- Educational.

To see an example of a past challenge, click here.

Schedule:

- 9:00 AM - Registration and Introductions
- 9:20 AM - Training
- 10:30 AM - Break
- 10:45 AM - Practice
- Noon - Lunch (included)
- 1:00 PM - Challenge Begins
- 2:45 PM - Pictures @ Mike's Cage then short break
- 3:30 PM - Winner's Announced
- 4:00 PM - Adjourn

For more information, contact Kathy Traxler: ktraxler (at) cct.lsu.edu or 225-279-2540.

Sponsors:

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