



## WORKSHOP ANNOUNCEMENT

### 2<sup>nd</sup> NSF Workshop on Science Education in Computational Thinking October 30 and 31, 2008 Purdue University

The workshop “Science Education in Computational Thinking (SECANT)” will bring together computer scientists and natural scientists who recognize that computing has become indispensable to scientific inquiry and is set to permeate science in a transformative manner. The workshop will address how to make computational thinking a central part of an undergraduate science education through the development of new courses focused on the computational understanding relevant to tomorrow’s scientist.

The workshop will include talks, panel presentations, and round table discussions. The workshop topics will include:

- Creating a dialog between science and computer science
- Relevant computer science topics and concepts for science students
- Teaching in a problem-driven versus programming-driven way
- Use of visualization in understanding computational and scientific processes
- Building a community for sharing resources
- The next generation of scientists in the workforce

More information, including the agenda, a registration link and information about the 2007 workshop are available at <http://secant.cs.purdue.edu/>. The workshop has no registration cost, but registration by October 19 is requested.

#### Workshop Organizers

Susanne Hambruch, Department of Computer Science, Purdue University, [seh@cs.purdue.edu](mailto:seh@cs.purdue.edu)

Mark Haugan, Department of Physics, Purdue University, [mph@physics.purdue.edu](mailto:mph@physics.purdue.edu)

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#### Location

Lawson Computer Science Building, Purdue University, 305 N. University, West Lafayette, IN



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