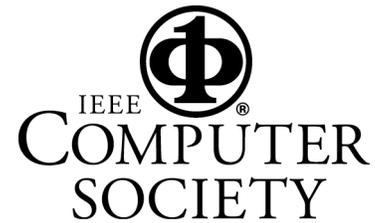


PRINCETON ACM / IEEE-CS CHAPTERS
DECEMBER 2014 JOINT MEETING



Contexts of Computing Education: Graphics, Robots, Data, Information

The following “computer science in education” talk is part of our celebration of Computer Science Education Week (December 8-14, <http://csedweek.org>).

Computer Science departments constantly struggle with issues of enrollments (whether on the way up or down), diversity, and broadening participation in their curricula. Much time and energy has been devoted to the design of introductory courses that serve as entry points into the programs. Beyond the enrollment and diversity issues, the community has experimented with different programming languages, platforms, and environments in the quest for designing courses that would help broaden participation and present a rigorous syllabus that prepares students for advanced study in computing disciplines. For the past several years, my colleagues and I have experimented with several different contexts to bring the learning of computing to students. These include the use of **personal robots, graphics, data** and **information-centric** approaches. In this presentation, using the backdrop of different contexts, I will reflect upon the bigger picture of the challenges of introducing computing to students of all ages.

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Date:	Thursday, December 11, 2014, 8:00 pm. (Refreshments and networking at 7:30 pm.)
Place:	Small Auditorium, Room CS 105 Computer Science Building, Princeton University
Information:	Dennis Mancl (908) 582-7086
On-line info:	http://PrincetonACM.acm.org

All Princeton ACM / IEEE-CS meetings are open to the public. Students and their parents are welcome. There is no admission charge, and refreshments are served.

A pre-meeting dinner is held at 6:00 p.m. at Ruby Tuesday’s Restaurant on Route 1. Please send email to princetonacm@acm.org in advance if you plan to attend the dinner.