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**Title:** Technology that Educators of Computing Hail (TECH)

**Abstract:** The judicious use of technology in computing education (in and out of the classroom) can be empowering and transformative. However, it is very difficult to discover what tools are available and how effective they have been. The ACM Education Council hopes to address this with a new website, "Technology that Educators of Computing Hail (TECH)", that will serve to provide a central, organized collection of links to teaching resources. It will feature search, rating, tagging and commentary. The goal of this BOF is to collect "experience reports" from educators who have used technology for teaching computing – with success or not!

**Significance and Relevance of the Topic:** The early feedback we have received is that this collection of resources, if implemented properly and maintained, could be an important contribution. Computing educators junior and senior could use this to decide whether to adopt a new technology or tool into their teaching, based on first-hand recommendation of others.

It is critical to work tightly with potential users of the system when embarking on such an initiative. Last year's BOF was very successful in providing feedback on the general approach such a community resource should take and the features it should encompass. The purpose of this year's BOF is to solicit content, share first-hand reports of usage, elicit testimonials for particular tools and recruit enthusiasts as moderators for particular content areas.

To give a feeling of the content of the site, all resources fall into one of two categories, **in class** and **outside of class**. Here are the current "in class" categories: *Basics, Presentation Software, Tablets for Presentation, Classroom Response "Clickers", Program Visualization and Algorithm Animation, Sans-Computer Activities, Video Lectures & Podcasts, Free Web Videoconferencing Software, Understanding the Limitations of Technology*

Here are the "outside of class" categories: *Course Management Systems, Grades and Submissions Management, Integrated Development Environments (IDEs), Curriculum Repositories, Introductory Programming Instruction, Project Inspiration, Utility Computing for Virtual Labs, Anti-Plagiarism Software, Robots, Other Technology and Tools Resources*

**Expected Audience:** Our expected audience is computing educators at all levels that wish to contribute to this initiative by sharing their experiences and volunteering to participate in this community endeavor, as commentators, content-providers or section moderators.

**Discussion Leader(s):** Dan Garcia will lead, with the help of Don Bailes and Sally Fincher.

**Expertise of Discussion Leader(s):** Dan, Don and Sally are members of the ACM Education Council *Technology & Tools* task force working on the TECH website.

**Special Requirements, if any:** We wish to have a projector to display the TECH website.