



## Explore the Next Generation of Scratch

**Mitchel Resnick**, *mres@media.mit.edu*

MIT Media Lab

Millions of young people around the world are using Scratch to create and share interactive stories, games, animations, and simulations. In the process, they are learning to think creatively, reason systematically, and work collaboratively.

In this hands-on workshop, you'll get a chance to try out the next generation of Scratch, called Scratch 2.0, which will be launched later in 2012. Scratch 2.0 brings programming to the "cloud", enabling you to create and edit Scratch projects directly in the web browser, opening up new opportunities for creativity and collaboration.

With Scratch 2.0, you can:

- share sprites and scripts between projects, using the new "backpack" feature
- store "persistent data" in the cloud to create online surveys and high-score lists
- create projects that react to movements in the physical world, using new camera programming blocks
- build new programming blocks and share them with others

Come to the workshop to explore these new features, learn about the ideas underlying Scratch 2.0, and discuss strategies for using it in your educational settings.