



# SoNIC Summer 2013 Research Workshop

<http://www.cs.cornell.edu/workshop/sonic/#signup>

## Workshop Overview

State-of-the-art networks require state-of-the-art methodologies to understand and secure them, and use them efficiently. Our SoNIC-enabled (software defined network interface) networks are a crucial enabling step. With SoNIC-enabled networks we can control the entire networking stack in software that allows us a view into today's high-speed networks that connect modern cloud computing data centers and the Internet itself. Over the weeklong workshop, participants will understand the networking stack from photons of lambda (fiber-optic) networks to the Internet Protocol to application performance. Participants will take away an appreciation for network research with Cornell faculty and a taste to do research with state-of-the-art facilities at a top institution like Cornell University.

### Eligibility

Sophomore, Junior, Senior, or Masters student in Computer Science (CS), Electrical and Computer Engineering (ECE), Physics, or Math.

Costs Fully Covered (Travel, Lodging, Meals)

### Schedule

When: June 9 - June 15, 2013

Where: Cornell University

Cost: Fully Covered (Travel, Lodging, Meals, etc)

### Important Dates

Application Deadline: Monday, February 18, 2013

Notification of Participation: Monday, March 11, 2013

SoNIC Workshop: June 9 - June 15, 2013