



SONIC WORKSHOP

OVERVIEW

State-of-the-art cloud computing and 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.

During a weeklong workshop, participants will understand cloud computing starting from the bottom of the networking stack from photons of lambda (fiber-optic) networks to the Internet Protocol to application performance. Participants will take away an appreciation for cloud computing and network research with Cornell faculty and a taste to do research with state-of-the-art facilities at a top institution like Cornell University.

The primary goal of this workshops is to increase exposure and enhanced research capabilities for participants, especially underrepresented minorities.

LOGISTICS

Workshop participants will:

Conduct network research with a faculty research mentor

Give a short oral presentation and/or written report at the end of the workshop that may lead to a publication

Participate in exit interviews and surveys to improve the curriculum

(Travel, food and lodging will be fully funded)

WHEN

June 17-21, 2019

Cornell University
Ithaca, NY

HOW TO APPLY

Apply now at:

www.cs.cornell.edu/content/workshop/sonic

Application Deadline: March 22, 2019

CONTACT

email us at

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