Friday March 22
Knott Hall 309
3-4PM

Dr. Tim Wood
Timothy Wood is an assistant professor in the Department of Computer Science at George Washington University. He studies how cloud computing platforms can be built from massive data centers containing thousands of servers and storage devices. His students recently voted him CS Professor of the Year, and he has been awarded an NSF CAREER grant.

Loyola Science Seminar

Cloud Computing:

A Million Computers in the sky?

Come find out!
Food will be provided!

Cloud Computing has changed the way we interact with software and each other by enabling applications such as Facebook and Wikipedia to reach their massive size... but where are these systems and how do they actually work? The convenience of having our data and applications accessible anywhere often makes us forget that it takes real, physical resources to run these applications. For example, a popular web site might require tens of thousands of computers that together draw as much power as a small city. This talk will investigate the computing infrastructure behind popular web applications, and explore the challenges they face to provide high performance and reliability at low cost. We will discuss both the technologies that run current cloud platforms, and the ongoing research efforts to improve their efficiency, security, and dependability.