Holcombe Department of Electrical and Computer Engineering
Seminar Series

Software-Defined Networking (SDN) and OpenFlow

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Abstract
Software-Defined Networking (SDN) and OpenFlow are quickly emerging as powerful trends in the networking industry. By separating the control and data planes, these technologies are accelerating the innovation cycle and creating opportunities for new application research and development. This talk will provide an overview of SDN and OpenFlow and introduce Floodlight, an Apache-licensed OpenFlow controller. Floodlight is driven by a community of developers including Big Switch Networks and was designed to offer a fast, easy-to-use programming environment, a rich set of development tools, an interoperability with a wide array of networking devices. The talk will also discuss other useful SDN development tools and highlight active areas for research and development.

Biography of Speaker
Mike Cohen is a product manager at Big Switch Networks. He was previously an early engineer on VMware’s hypervisor team and a search infrastructure product manager at Google. Mike holds a B.S.E in Electrical Engineering from Princeton and Masters from Harvard.

Alex Reimers is a member of the technical staff at Big Switch Networks, leading open source engineering for the Floodlight controller project. Alex previously worked at Cisco and holds a B.S in Computer Science from Georgia Tech.