

# Call For Participation

## NSF-Sponsored Workshop On The Use Of SDN In Large Enterprise Networks

### Motivation

*Software Defined Networking (SDN)* has become a leading topic in the networking research community. Meanwhile, the networking industry has not waited for researchers to explore fundamental questions. Instead, a set of SDN vendors that includes both startups and established networking equipment companies has created SDN products, and corporations with large private networks have begun deploying SDN technologies in their enterprise networks.

Some of the early SDN deployments have produced benefits, such as lowering capital and operation expenses. However, as one might expect in a nascent industry, the use of SDN has uncovered some unexpected problems. This workshop will provide the opportunity for the research community to hear from individuals who are deploying SDN in large, private (enterprise) networks, to learn about both successes and the problems encountered, and to identify important underlying research problems that must be solved to achieve the full potential of SDN.

### Date And Location

The workshop will be held November 3-4 on the NYU campus in New York City.

### Industrial Participants

The workshop will be held in conjunction with a meeting of the *Open Network Users Group (ONUG)*, a group of companies that meet to exchange information about their current networking challenges, approaches for solving the problems, and best practices. ONUG member companies include financial institutions as well as other companies with large enterprise networks, including: Bank of America, Cigna, Citigroup, Credit Suisse, FedEx, Fidelity, Gap Inc., JPMorgan Chase, Pfizer, Symantec, UBS, and ADP. Some of the ONUG members will participate in the workshop, sharing details of their (amazing) network scale, special requirements, use of SDN, and problems encountered.

### To Participate

To participate in the workshop, please submit a 2-paragraph writeup by August 31<sup>st</sup> that describes your background, your interest in SDN, and a statement of what you will add to the workshop discussions. For information on submission, see

<http://noise.cs.princeton.edu/events/nsf-sdn2015/>

Submissions will be reviewed by an organizing committee consisting of:

Douglas Comer, Purdue  
Chip Elliott, BBN  
Nick Feamster, Princeton  
Bryan Larish, NSA  
Dave Meyer, Brocade

### Travel Support

Travel expenses for researchers (in the U.S.) and meals during the workshop will be supported by NSF. In addition, NSF will support participation by up to 7 PhD students (depending on workshop expenses); preference will be given to women and under-represented minorities.