



A PIIRS Research Community

# GLOBAL SYSTEMIC RISK

The PIIRS Research Community on Global Systemic Risk will pursue a multidisciplinary inquiry focusing on the robustness and fragility of global human-made organizational systems—energy exploration and production, electricity transmission, food and water supplies, and the financial system, among others—to better understand the nature of risk, the structure of increasingly fragile systems, and the ability to anticipate and prevent catastrophic consequences.

## INTERNET RESILIENCE: GLOBAL NETWORK, GLOBAL RISKS

Jennifer Rexford & Nick Feamster

*Sponsored by the Center for Information Technology Policy  
and PIIRS Global Systemic Risk Research Community*

Jennifer Rexford is the Gordon Y.S. Wu Professor of Engineering, and Chair of the Computer Science Department. Before joining Princeton in 2005, she worked for eight years at AT&T Labs—Research. She is a member of the American Academy of Arts and Sciences and the National Academy of Engineering and was the 2004 winner of ACM's Grace Murray Hopper Award for outstanding young computer professional. She is co-author of the book *Web Protocols and Practice* (2001). She received her B.S.E. in electrical engineering from Princeton, and her Ph.D. in electrical engineering and computer science from the University of Michigan.

Nick Feamster is Professor of Computer Science and Acting Director of the Center for Information Technology Policy (CITP) at Princeton. His research focuses on networked computer systems, with a strong emphasis on network operations, network architecture and protocol design, high performance wired and wireless networks, and anti-censorship techniques and systems. The collective goal of these research areas is to help network operators to manage their networks better and enable users of these networks to experience high availability and end-to-end performance. He received both his B.S. in electrical engineering and computer science and his Ph.D. in computer science from MIT.

4:30 PM  
WEDNESDAY, NOVEMBER 30, 2016

*Computer Science 105  
Small Auditorium*

