

Name: **Fred B. Schneider**

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University Activities

- Member, University Committee on Academic Programs and Policies (thru June 30, 2012)
- Member, CS Department New Building Committee.
- Member, CS Department Faculty Recruiting Committee.

Professional Activities

- Chief Scientist, NSF TRUST Science and Technology Center.
- Editorial: *Distributed Computing*, *IEEE Security and Privacy* (Associate Editor-in-Chief), *Springer-Verlag Texts and Monographs in Computer Science* (co-managing editor).
- Industrial Advisory: Fast Search and Transfer; Fortify Software; Lockheed Martin Corp; Microsoft Trustworthy Computing Academic Advisory Board (co-chair).
- Other Advisory Committees: PCAST Technical Advisory Group on Networking and Information Technology; Department of Commerce, Information Security and Privacy Advisory Board; Board of Directors, Computing Research Association; Defense Science Board; Computing Community Consortium Council.

Publications

- Network Neutrality versus Internet Trustworthiness. Editorial. *IEEE Security and Privacy* 6, 4 (July/August 2008), 3–4
- Device driver safety through a reference validation mechanism. *Proceedings of the 8th USENIX Symposium on Operating Systems Design and Implementation OSDI '08*, (San Diego, CA, December 2008), 241–254. With Dan Williams, Patrick Reynolds, Kevin Walsh, and Emin Gun Sirer.
- The monoculture risk put into context. *IEEE Security and Privacy* 7, 1 (January/February 2009), 14–17. And Ken Birman.
- Security is not a commodity: The road forward for cybersecurity research. Computing Research Initiatives for the 21st Century, Computing Community Consortium. February 2009. With Stefan Savage. <http://www.cra.org/ccc/initiatives>
- Accountability for Perfection. Editorial. *IEEE Security and Privacy* 7, 2 (March/April 2009), 3–4.
- The PC Overload Problem. *Communications of the ACM*, 53, 5 (May 2009). With Ken Birman.

Lectures

- The Ratings Game: Should CRA Join? CRA Board Meeting. Snowbird, Utah. July 2008.
- Nexus Project: Current Status. NICAR PI meeting. Washington, DC. September 2008.
- Learning to Love a Monoculture. Keynote talk. I3P meeting. Ithaca, NY. October 2008.

- Living with and Loving a Monoculture. CS Department Brown Bag Seminar. Cornell University. Ithaca, NY. November 2008.
- A Map for Security Science. Keynote speaker. NSF/IARPA/NSA Workshop on the Science of Security. Oakland, California. November 2008.
- Learning to Love a Monoculture. CERT Seminar Series Commemorating CERT's 20th Year. Carnegie Mellon University, Pittsburgh, PA. February 2009.
- TRUST Center Scientific Agenda. National Science Foundation Site Visit, Berkeley, CA. February 2009.
- A Map for Security Science. Keynote speaker. NY-Area Security Day. Rutgers University, New Brunswick, NJ. May 2009.
- Monoculture risks. AFOSR Principle Investigators Meeting. Washington DC. June 2009.

New Honors

- Appointed Samuel B. Eckert Professor of Computer Science, Feb. 1, 2009.