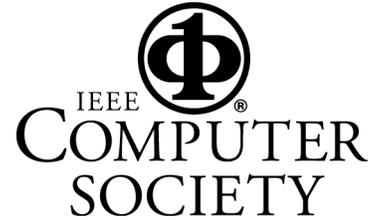


PRINCETON ACM / IEEE-CS CHAPTERS
NOVEMBER 2009 JOINT MEETING

COMPUTERS, VOTING AND ELECTION AUDITS

Andrew W. Appel



New Jersey has been involved in a lengthy voting machine lawsuit, *Gusciora v. Corzine* (formerly *v. McGreevey*) in which the plaintiffs argue that paperless direct-recording electronic voting machines are unconstitutional in the State. This talk will describe the litigation history from the point of an expert witness in this lawsuit, including technical findings about the vulnerabilities of the AVC Advantage voting machines used here. I will also discuss issues related to election auditing and detection of precinct-level fraud, when paper ballots are available for hand counting.

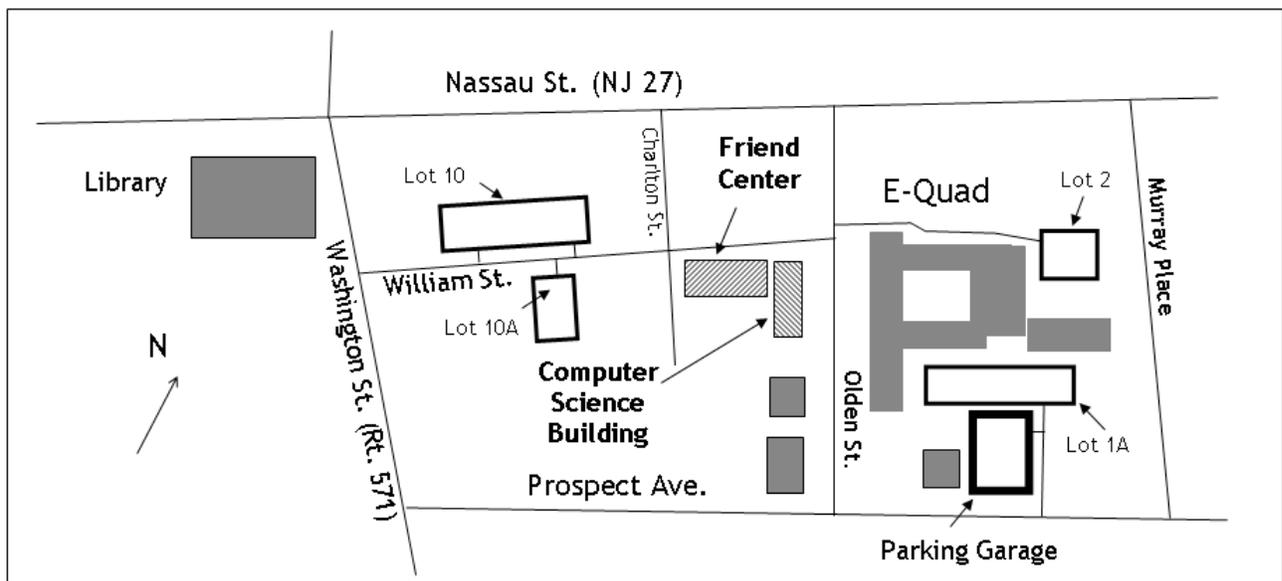
Andrew W. Appel is Chair of the Department of Computer Science at Princeton University, and a member of Princeton's Center for Information Technology Policy. His research is on computer security, programming languages and compilers, automated theorem proving, and technology policy. He received his A.B. summa cum laude in physics from Princeton in 1981, and his Ph.D. in computer science from Carnegie Mellon University in 1985. He has been Editor in Chief of ACM Transactions on Programming Languages and Systems and is a Fellow of the ACM.

Date:	Thursday, November 19, 2009, 8:00 pm. (Refreshments and networking at 7:30 pm.)
Place:	Computer Science Building, Princeton University Olden St. between William St. and Prospect Ave. 40.3502,-74.6522
Information:	Dennis Mancl (908) 582-7086, Jan Buzydlowski (610) 902-8343

NOTE: Our Princeton ACM / IEEE-CS meetings have moved to the Princeton University campus this year. Check back on the chapter website for more information on the meeting locations.

All ACM / IEEE-CS meetings are open to the public. Students and their parents are welcome. There is no admission charge, and refreshments are served.

A pre-meeting dinner with the speaker is held at 6:00 p.m. at Ruby Tuesday's Restaurant on Route 1. Please send email to princetonacm@acm.org in advance if you plan to attend the dinner.



Parking: After 5pm on weekdays, public parking is permitted in most of the university parking lots near the Friend Center and the Computer Science Building. (Lots 10 and 10A are closest to the Friend Center). See <http://www.princeton.edu/transportation/visitors.html> for a summary of Princeton's parking policies.