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- Current Events
- Lectures ▼
- Events Archive ▼

CCT Colloquium Series

Sensitive Information in a Networked World

Joan Feigenbaum, Yale University

Professor

Coates Hall 256
April 16, 2010 - 11:00 am

Abstract:

Increasing use of computers and networks in business, government, recreation, and almost all aspects of daily life has led to a proliferation of online sensitive data, i.e., data that, if used improperly, can harm the data subjects. As a result, concern about the ownership, control, privacy, and accuracy of this data has become a top priority. The PORTIA project, now in its seventh and final year, has examined both the technical challenges of handling sensitive data and the policy and legal issues facing data subjects, data owners, and data users. This talk will overview the PORTIA project, give details of a few of the technical results, and present some of the lessons learned.

Speaker's Bio:

Joan Feigenbaum is the Grace Murray Hopper Professor of Computer Science at Yale University. She received a BA in Mathematics from Harvard and a Ph.D. in Computer Science from Stanford. Between finishing her Ph.D. in 1986 and starting at Yale in 2000, she was with AT&T, where she participated very broadly in the company's Information-Sciences research agenda, e.g., by creating a research group in Algorithms and Distributed Data, of which she was the manager in 1998-99. Professor Feigenbaum's research interests include Internet algorithms, computational complexity, security and privacy, and digital copyright. While at Yale, she has been a principal in several high-profile activities, including the NSF-funded PORTIA Project and the ONR-funded SPYCE Project. She currently serves on the Scientific Council of the Web Sciences Research Institute, as Vice Chair of the ACM Special Interest Group on Electronic Commerce (Sigecom), and as a Steering-Committee Member of the NetEcon Workshop. Professor Feigenbaum is a Fellow of the ACM.