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CIS RESEARCH SEMINAR

Thursdays 3-4

3 PM

Sept. 15

Wu & & Chen

Dr. Matt Blaze

Title:

Eavesdropping can be Confusing

Abstract:

Most of network security research is from the perspective of the defender, seeking, for example, techniques that can assure that a given system is free of eavesdroppers.

Invariably, we take a conservative approach and focus on end-to-end techniques (such as encryption) that provide strong guarantees of security properties.

This is useful for the defender, but less satisfying for the attacker -- it does not follow that failure to provide end-to-end security automatically makes a system vulnerable to interception. This talk will explore new research in Internet security that takes the eavesdropper's point of view, and will raise the heretical possibility that end-to-end encryption may not be the only way to defeat surreptitious surveillance.

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