

POTPOURRI

Web architecture is a conceptual structure. The World Wide Web (WWW, W3, the Web) is an interconnected system of public web pages accessible through the Internet. The Internet is a global network of networks. The following four-part series looks inside a modern web browser.

(Press and hold ctrl and then click any hyperlink to open that link in a new tab)

[Inside look at modern web browser \(part 1\)](#)

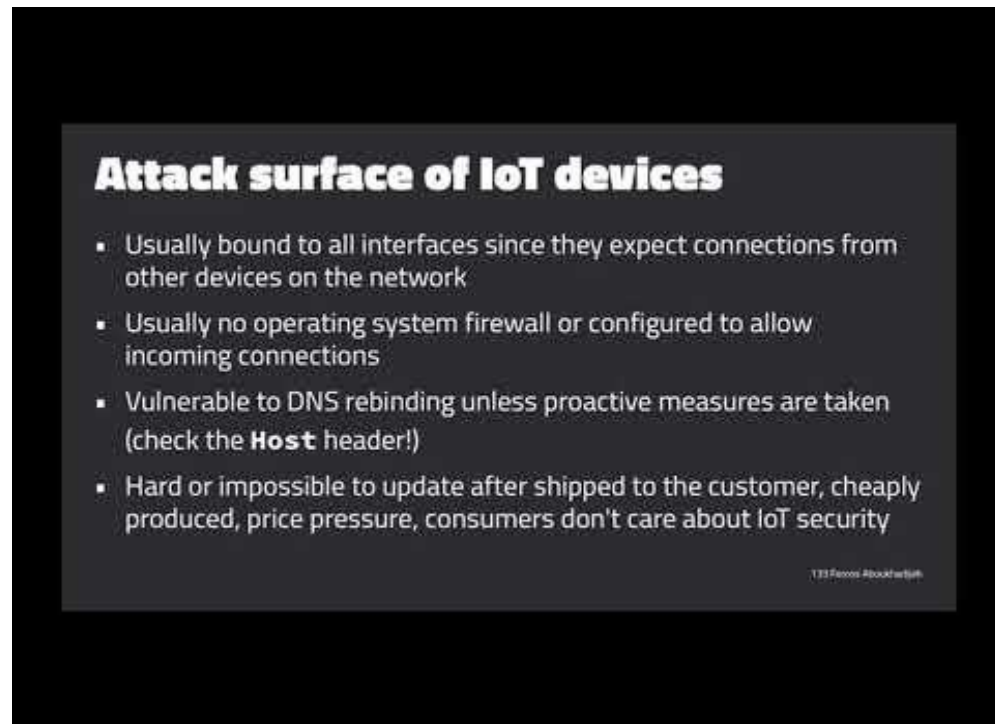
[Inside look at modern web browser \(part 2\)](#)

[Inside look at modern web browser \(part 3\)](#)

[Inside look at modern web browser \(part 4\)](#)

Web Security

Browser architecture, writing secure code.



Attack surface of IoT devices

- Usually bound to all interfaces since they expect connections from other devices on the network
- Usually no operating system firewall or configured to allow incoming connections
- Vulnerable to DNS rebinding unless proactive measures are taken (check the **Host** header!)
- Hard or impossible to update after shipped to the customer, cheaply produced, price pressure, consumers don't care about IoT security

133 Feross #boudhadijeh

(Stanford, Feross Aboukhadijeh)

Statistics

(UC Berkeley, Fletcher Hank Ibser)

Multivariable Calculus

(UC Berkeley, Edward Frenkel)

Physics

Vibrations and Waves.



(MIT, Walter Lewin)

Electronic Feedback Systems

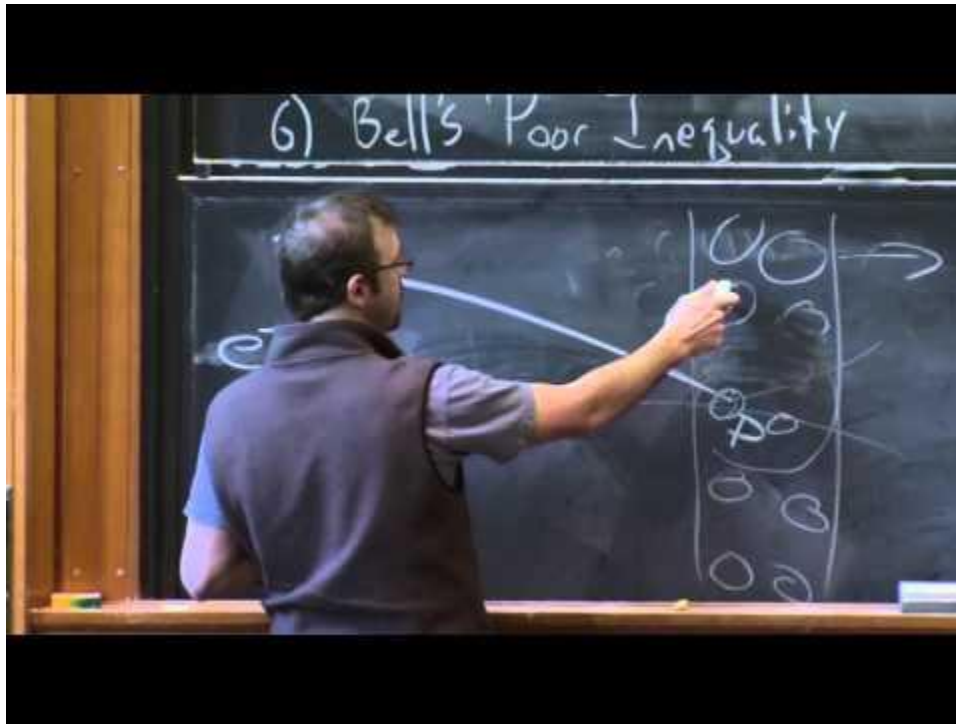
Model Train Speed Control.



(MIT, James K. Roberge)

Quantum Physics

Experimental Facts of Life.



(MIT, Allan Adams)

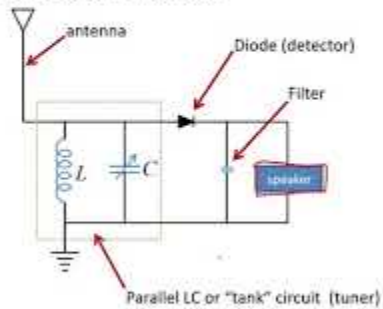
Physics

Basic AM Radio Receiver.



The Simple Radio

A simple AM radio receiver combines an antenna, an adjustable tank circuit, diode, and a speaker to allow the receipt of specific radio carrier frequency.



11



(Cal Maritime, Matthew Fairbanks)