Sex, Gambling, (Rock and Roll) Online

  - Where is gambling legal? Why?
  - Is online gambling legal? Where?
  - What about the world?

  - COPA, COPPA, and CIPA

COPA, COPPA, CIPA, CDA

- **Communications Decency Act (1996)**
  - Attempt to regulate porn, struck down
  - Section 230 still in force, immunity for ISPs

- **COPA (1998)**
  - Never took effect, first and fifth amendments

- **COPPA: children's online privacy protection**
  - 1998/2000, about privacy and 13-year old rule
  - FTC regulation, non-profit exemption

- **CIPA: Children's Internet Protection Act**
  - Internet filters required-schools/libraries (ereate)

Academic Porn Research

*The intricacies of the elaborate system of traffic arbitrage that have grown up around the world of porn traffic direction on the web are way beyond the scope of this blog post, but it's possible that the rest of the media world could learn a thing or two from the way that for-pay adult sites have created a seething ecosystem of traffic affiliates constantly skimming clicks and pennies off of one another.*


Ethics of analyzing adult content

- **Hosted adult content**
  - Is this an ethical problem?
  - What about money?
  - What about tracking users?

- **Web-crawling of adult sites**
  - DOS attack? Gathering data?
  - Vector of malware attacks?
  - Understanding *typo-squatting*, other avenues
Gambling and the web

  - How did this work? What was the idea?

- Online Poker is a "giant Ponzi scheme"
  - pokerstars.net compared to pokerstars.com?
  - http://ind.pn/uzThEy

- How does payment work, technical issues?
  - How do credit cards work?

Internet Poker takedown

- How does pokerstars.com go offline?
  - How does FBI take down site?
  - Is it really down? Where is the money?

- What about UIGEA
  - Unlawful Internet Gambling Enforcement Act
  - History and future
  - Interstate vs. Intrastate
  - Lotteries etc.

Trustworthy Software

- Hacking pacemakers and smart cards
  - Security analysis
  - RFID and encryption

- ICD: implantable cardioverter defibrillator
  - reprogram no surgery
  - But, consequences?

More on trustworthy software

- Reliability, safety, security, availability, maintainability
  - Trusted to satisfy requirements (what are they?)
  - What about embedded systems

- How to make software trustworthy
  - Specify outcomes not technology
  - Collect data on software in devices
  - Encourage research

- From Therac-25 to implanted devices
  - Nancy Leveson "invents" software-safety