Credible & Ubiquitous

Anonymity + Privacy

Freedom = Security

Who am I?

Free Speech
Cultural Expression
Empowered Access

What is public is not private

but
it can be anonymous
it can be secure
and
it should be uncensored

Using Tor Daily:
obstacles and perceptions of anonymity
in social spaces
on the internet

Have you heard of Tor?
Have you used Tor?
Do you use Tor?
Do you encrypt your communications?

"Usable Security"
"Always HTTPS Everywhere"

Wiretapping & Surveillance

Data Mining

Data Selling

Defending Free Speech

Defamation
Abuse
Threats

The potential for crime isn't a reason to criminalize

Recent Examples in the News

Google Italy
Cleveland Plain Dealer
Yelp
Wiretapping

Open Wireless Networks
http://bits.blogs.nytimes.com/2010/05/14/google-admits-to-snooping-on-personal-data

Subpoenas

Just Say No?
http://www.slideshare.net/guest70f067f/
saying-no-to-the-government

Providers: Minimal Data Retention
Users: own your hardware, control your network

What is Cyberwar?

Free expression and Security

Centralized power over the individual
necessary according to the
"security" companies
copyright industry

Denial of service – Denial of access

Hidden Services

- available only to Tor clients
- hide the owner and the user
- the content is still available/vulnerable to anyone on the Tor network

No privacy technology can protect you
from yourself – be aware

Measuring Tor

http://metrics.torproject.org/

https://trac.torproject.org/projects/tor/wiki/FourYearRoadmap

https://www.torproject.org/research.html.en

https://translation.torproject.org

Circumvention
10 things to look for (from Roger Dingledine)

1. Diverse users
2. Works everywhere (or at least in your country, but that would counteract #1)
3. Sustained network and development
4. Open design
5. Decentralized - no central repository for information, nothing stored
about users, distributed resources
6. Protection from malicious sites
7. No false promises, e.g., "encrypts everything" --   you and your destination must choose to use SSL
8. Fast
9. Easy to get - multiple distribution strategies
10. No self promotion

https://svn.torproject.org/svn/projects/articles/circumvention-features.html

More Tor!

- faster: new relay projects
- make privacy & anonymity the norm
- enable access for everyone
-encourage informed & safer usage

Computers, Freedom, and Privacy in a Networked Society –
the 20th annual CFP conference

http://www.cfp2010.org

Privacy Activism
http://www.privacyactivism.org

EFF ELECTRONIC FRONTIER FOUNDATION

https://www.eff.org