# Computer Ethics (English)
## Spring 2014
BLG412E
## Week 11: Internet

**Contents of today's lecture**

- **Upcoming dates.**

- **Theoretical issues.**

- **Domain names.**

  - Distribution & arbitration

  - Similar domain names.

- **Freedom of speech.**

  - Exceptions.

  - Protest websites.

- **Democracy.**

  - Pros and cons of internet.

- **Net neutrality.**

Lecturer:      Damien Jade Duff.
Office:        EEF 2316.
Office hour:   http://djduff.net/my-schedule

# Upcoming dates

| Date | Time | Event |
| --- | --- | --- |
| Today | 12.30-13.30 | Normal lecture. |
| April 28 | 10:00am | <u>Term Paper Submission.</u> |
| May 01 | All day | May day – **no lecture.** |
| May 08 | 12.30-13.30 | Guest lecture (legal expert): *Bilişim Suçlar (in Turkish).* **Room 6309.** |
| May 15 | 12.30-13.30 | Normal lecture. |
| May 15 | 16.30-17.30 | <u>Final exam.</u> |

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# Nature of the internet: conceptual muddles?

- Space or medium?
  - Public or private spaces?
- Kinds of media:
  - Publisher.
  - Broadcast.
  - Distributor.
  - Common Carrier.

# Kinds of regulation
## (Larry Lessig)

- Legal regulation.

- Social norms.

- Market pressures.

- Architectural.

  - Electronic infrastructure.

  - Software infrastructure.

  - Available software.

# Problems with regulation by code

- Pre-empts ethical debates.
- Often gives power to powerful.
    - Corporations.
    - Governments.


- e.g. DRM at OS level.
- e.g. The Cloud: information centralised, scannable.
- e.g. Secure encryption: secure communication (anonymity?) guaranteed (?).

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# Domain name distribution & arbitration

- Till 1998: NSF.
    - First come first served.
    - "Cybersquatting" tolerated.
- After 1998: ICANN.
    - Internet Corporation for Assigned Names and Numbers.
    - UDRP: Uniform Domain-name dispute Resolution Policy via WIPO.
    - Protect trade-marks.

# Glossary

| | |
|---|---|
| **NSF** | National Science Foundation. |
| **ICANN** | Internet Corporation for Assigned Names and Numbers. |
| **WIPO** | World Intellectual Property Organisation. |
| **UDRP** | Uniform Domain-name Resolution Policy. |
| **IANA** | Internet Assigned Names Authority |

# Domain names originally not regulated

*whitehouse.com* registered by pornography website first.

# ICANN: not entirely neutral

Dominated by business interests.

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Mobile    Broadband

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http://www.theregister.co.uk/2012/03/19/icann_president_calls_out_his_own_board_over_conflicts_of_interest/

# ICANN prez calls out own board over conflicts of interest

## Departing chief accused of risking the net

# Infrastructure also headed toward privatisation



**BBC**

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23 April 2014 Last updated at 09:20 GMT

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## Future of the internet debated at NetMundial in Brazil

By Leo Kelion
Technology desk editor

President Rousseff first announced plans for the meeting last October

A meeting to determine how the internet should be governed is under way in Sao Paulo, Brazil.

Related Stories

- US gov. runs IANA.

- Plans to make ICANN-like body.

- Russia, China prefer UN.

http://www.bbc.com/news/technology-27108869

# Criteria for UDRP domain-name transfer

1. Similar to trade-mark / personal name.

2. No similar rights/legitimate interests for domain name holder.

3. Bad faith use.

# You can trademark your name

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BUSINESS > FINANCIAL NEWS

## Gooooal! Ronaldinho scores his own domain name

### Open and shut case this one

By Kieren McCarthy, 17 Dec 2004   Follow  2,030 followers

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## Rooney scores!

### Sadly only his domain name

By Kieren McCarthy, 13 Oct 2006   Follow  2,030 followers

BUSINESS > MEDIA

## Tom Cruise wins TomCruise.com

### Decision exposes systemic flaws

By Kieren McCarthy, 23 Jul 2006   Follow  2,030 followers

http://www.theregister.co.uk/2006/10/13/rooney_wins_dotcom/
http://www.theregister.co.uk/2006/07/23/tom_cruise_dotcom_win
http://www.theregister.co.uk/2004/12/17/ronaldinho_scores_own_domain_name/

# Arbitration failures decided in court

- Gmail → googlemail (UK, Germany).

**BBC NEWS**

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News Front Page

Last Updated: Wednesday, 19 October 2005, 14:28 GMT 15:28 UK

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## Google drops Gmail address in UK

By Tim Weber
Business Editor, BBC News website

Africa
Americas
Asia-Pacific

Gmail, the free e-mail

# Trademarks trump small businesses

- **Milka** trademarked by Kraft.
- Milka Couture small enterprise.
- milka.fr ordered to Kraft.



**BBC NEWS**

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ews Front Page

Last Updated: Monday, 14 March, 2005, 16:50 GMT

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## French designer to lose milka.fr

A French court has ordered fashion designer Milka

Africa

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# Similar domain names

- **mikerowesoft.com:**
  - Microsoft started legal proceedings with 17 year old in US.

- **mocosoft.com**
  - Microsoft took mocosoft to court in Spain.
    - Lost.

# "Typosquatting"

## Goggle.com:

**ThankYou**
from Goggle.com

April 24, 2014

### Tebrikler!

Yıllık ziyaretçi ankete katılmak için Istanbul seçilmiştir.

Bu anket sadece 30 saniyenizi alacak olup kullanıcı deneyiminizi geliştirilecektir. Anketi

tamamladıktan sonra kazanma şansına sahip olabilirsiniz bir **Galaxy Tab**®, bir **iPad**®, ya da bir

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## Google loses battle for goggle.com

http://www.theregister.co.uk/2005/07/11/google_ruling/
http://www.theregister.co.uk/2011/10/12/google_v_goggle/

# Typosquatting is an industry

- Google adwords served on many typosquatting websites.

- Large revenue for google.



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12 Stocks to BUY for 2014

**Peter Cohan**, Contributor
I write from near Boston about startups and political economy
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TECH | 11/08/2013 @ 10:13AM | 17,814 views

# Harvard Professor Sees Google's Illegal Revenue Over $1 Billion

+ Comment Now    + Follow Comments

http://www.theregister.co.uk/2008/10/23/google_and_typosquatting/

http://www.forbes.com/sites/petercohan/2013/11/08/harvard-professor-sees-googles-illegal-revenue-over-1-billion/

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# Common exceptions to freedom of expression

- Libel.

- Hate speech.

- Incitement/encouragement to violence.

- Child pornography.

# Impacts of online pornography

- Easy flow of money & material.
- Incentivises criminal behaviour.
- "Industry" around generation of material.

The Japan Times

## NEWS

ASIA PACIFIC / CRIME | FOCUS

## Online child porn ring shocks Cebu

Remote village colluded to force kids to perform live sex acts

BY JASON GUTIERREZ

AFP-JIJI

# Legal aspects of child pornography



- Punishments for viewing child pornography enforced.
- But limited.

# Youtube comments
# - hate speech tolerated?

**Rehaan Saeed** 1 week ago (edited)

██████ you ██████████████████ s who are swearing to Muhammad. Swear to Allah and you shall feel the ████████████████████████████ ...

Reply 👍 👎

**View all 9 replies** ⌄

**dave jones** 16 hours ago
**+Ano Nime** ISLAM IS ██████, MUSLIMS ARE ██████████
████████████████████████ , NOW GO ██████████████

Reply 👍 👎

You Tube

# Censorship of Weibo



**BBC NEWS CHINA**

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27 March 2013 Last updated at 00:23 GMT

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## The astonishing speed of Chinese censorship

Sina Weibo has 300 million users and 100 million messages are sent daily

You have written something politically sensitive on one of China's "weibo" microblogging sites. So how much time passes before it gets deleted? And what does it reveal about how Chinese censors work? Computer scientists Jed Crandall and Dan Wallach explain the findings of a study they conducted.

**Related Stories**

**Has Weibo really changed China?**

- '...a post could be deleted as quickly as five minutes after being put online...'

- Posts being checked: '*server data synchronisation*'.

- Camouflaged posts: Appears posted to user.

http://www.bbc.com/news/world-asia-china-21743499

# Self-censorship

The structure of corporate journalism profession, internet, contribute to "self-censorship".



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## 'Self-censored UK media' frightened to show true outrage with global spying
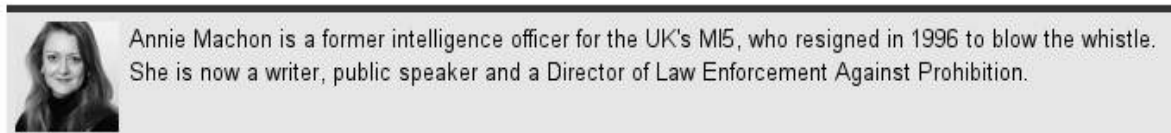
Annie Machon is a former intelligence officer for the UK's MI5, who resigned in 1996 to blow the whistle. She is now a writer, public speaker and a Director of Law Enforcement Against Prohibition.

Published time: October 27, 2013 01:14

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http://rt.com/op-edge/global-spying-uk-media-792/

http://medialens.org/index.php/alerts/alert-archive/2014/755-bias-towards-power-is-corporate-media-objectivity-journalism-floods-and-climate-silence.html

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# UDRP & protest websites

- Walmart v. walmartuksucks.com.
  - Walmart wins UDRP:
    - Too similar.
    - Attempt at extortion.
- Calvin Klein v. ****CalvinKlein.com
  - ****CalvinKlein.com wins.
    - Not too similar!!!
    - Not in use: no profit.

http://www.casesofinterest.com/tiki/Wal-Mart+Stores,+Inc.+v.+Walsucks

http://www.thedomains.com/2014/04/16/calvin-klein-loses-udrp-to-a-take-fckcalvinklein-com-away-from-fat-bald-domain-owner/

# UDRP v. courts

- National courts often side with protest sites.
  - Freedom of expression.
- UDRP unpredictable.



**The Register**

Hardware    Software    **Music & Media**    Networks    Security    Cloud    Pul

Print    Tweet

US Appeals Court clarifies protest website law
WIPO pseudo-law sucks.com
By Kieren McCarthy · Get more from this author

http://www.theregister.co.uk/2009/07/28/wipo_free_speech/
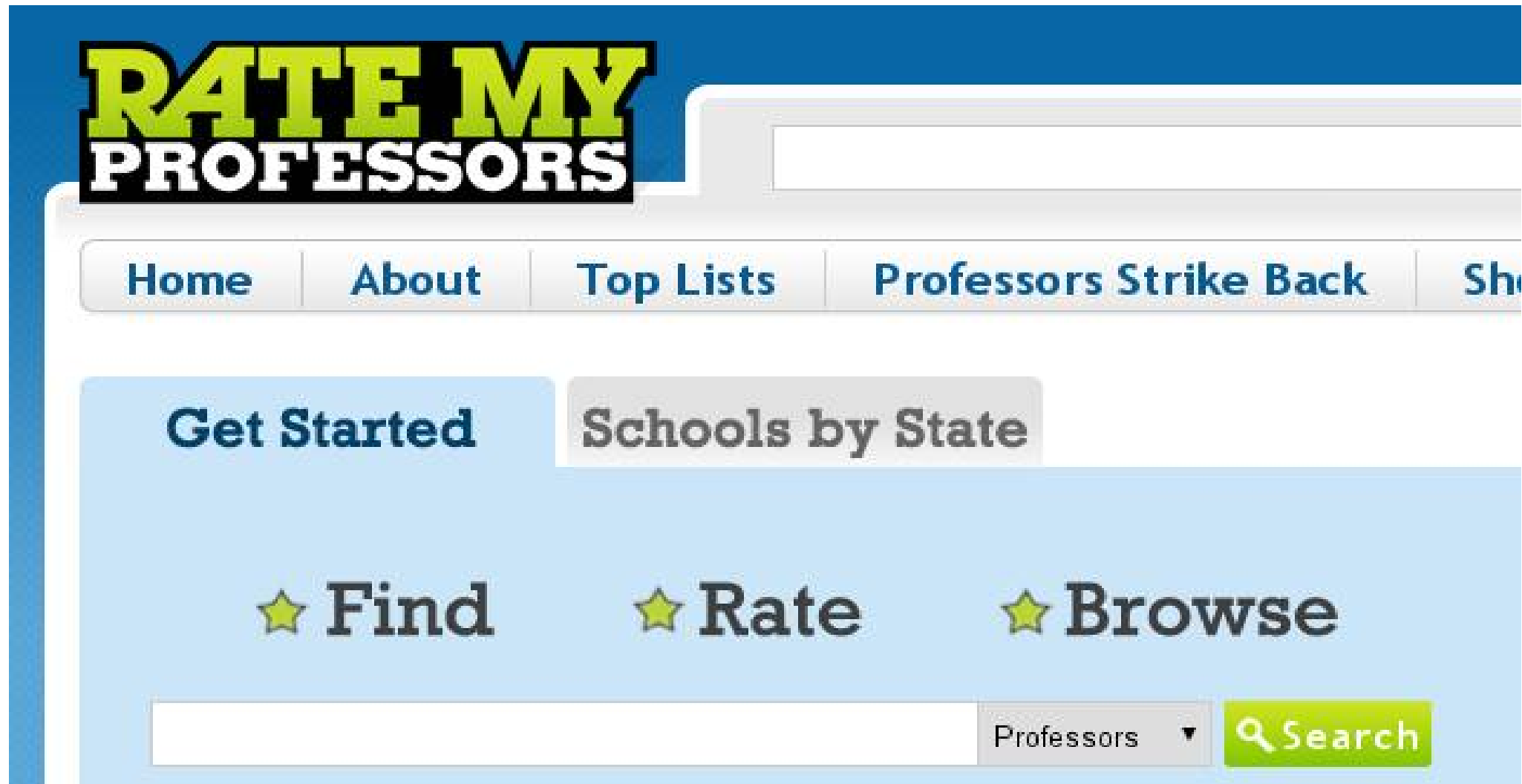
http://www.theregister.co.uk/2006/12/29/wipo_rules_against_ryanair/

http://www.theregister.co.uk/2005/04/05/bosley_case_appeal/

# Defamation & criticism websites.

- Critical individuals need deep pockets.

- Role of ISPs:

    - Common carrier?

    - Publisher?

        - Editorial control = defamation.

- Criticism websites exist.

    - e.g Ripoff Report.

# Defamation & criticism websites.

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# Internet & democracy

- A democratic medium?

- Serving democracy?

  - Necessarily so?
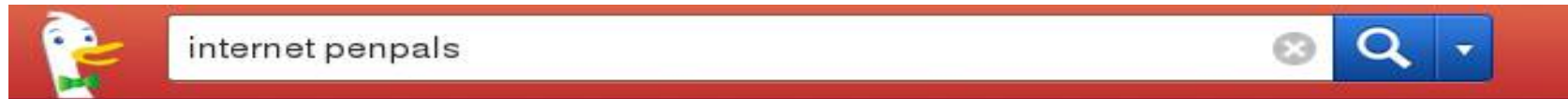
# Access to information?

* Yes!
  * Easy access to info.



* But!
  * Much of it wrong.

# Reducing extremism?

- Yes!
  - Different backgrounds mixing.
  - Reduce prejudice through exposure.



- But!
  - Like ideas attract like.
  - Extremist websites.
  - Single sources of news / filters.

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# ObamaCare's premium grace period may end up costing doctors, hospitals

**A 90-DAY** grace period for people who have purchased health plans through the ObamaCare exchanges could cost doctors and hospitals thousands because insurance companies are only required to cover the first 30 days.

- VIDEO: What happens when people stop paying ObamaCare premiums? 📷
- 38 GOP lawmakers join lawsuit against ObamaCare subsidies

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les **hit by strong euro** 6 minutes ago   **FROM AP: German business confidence rebounds in April** 9 minutes ago   FROM A

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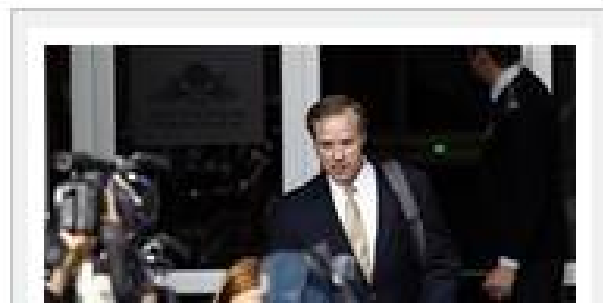# BAILS ON NET NEUTRALITY

Sub Categories: » HOMEPAGE / TURKEY/ RIGHTS

# Turkey denies plans to leave World Wide Web for 'alla turca' Internet

ANKARA

Turkish authorities have denied that they are considering abandoning the World Wide Web to establish their own web alla turca with a "ttt" protocol instead of the conventional "www" amid the government's efforts to rein in global websites, including Twitter and YouTube.

# Increasing participation?

- **Yes!**
  - A channel for suppressed groups.
  - Internet democracy tools.

- **But!**
  - Many voices.
  - To get heard, need time/money.
  - Power creates power.

# Power over participation: twitter sock puppets

- Twitter "sock puppets".
- Controlled by powerful entities?

**How the Military Uses Twitter Sock Puppets to Control Debate and Suppress Dissent**

Is Your New Little Friend on Twitter an NSA analyst?

J.M. Porup in cybering redux

In 2011, activists claiming to belong to Anonymous hacked private intelligence contractor HBGary. The resulting treasure trove of leaked documents, among other things, proved the US military had ordered persona management software -- sometimes called "Metal Gear" -- that would allow, per installation, fifty people to control up to 500 fake Twitter

https://medium.com/p/a4ccba1e6f05
http://www.theguardian.com/technology/2011/mar/17/us-spy-operation-social-networks
http://www.nbcnews.com/tech/internet/1-10-twitter-accounts-fake-say-researchers-f2D11655362

# Role of search engines

Google v. China controversy.

- Google refused to censor.
- Google banned, reason for ban banned.

theguardian

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## We're staying in China, says Microsoft, as free speech row with Google grows

Most big internet corporations, including household names such as Yahoo and MySpace, follow Microsoft's lead

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# Net neutrality

- Equality of access across internet.

- Examples:

  - Restriction of bandwidth.

  - Prioritisation.

  - By service/protocol (e.g. VOIP, torrents).



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Verizon, AT&T in talks with Netflix for faster download

# Net neutrality: principles

- Users:

  - Access content equally.

  - Use desired applications/services.

  - Connect whatever device they want.

  - Benefit from competition.

  (as long as legal, not damaging to internet)

- Carriers:

  - No discrimination by app/service.

  - Be open about net management.

# Arguments against net neutrality

- Restrict carrier's freedom to offer efficiencies.

- Pushed by big players like google.

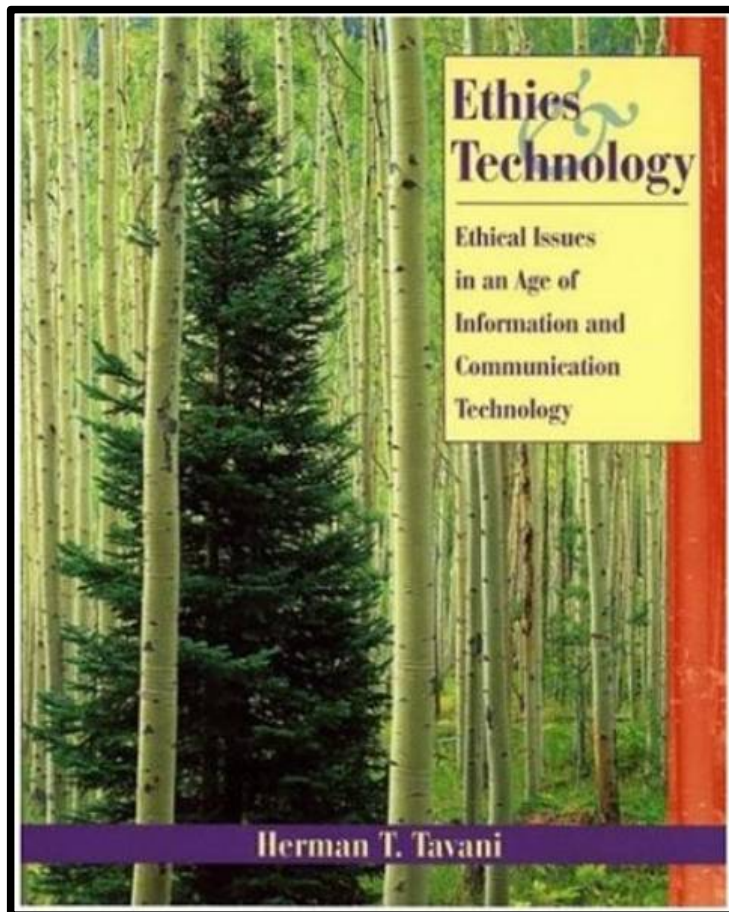  (debate between powerful groups)

# Net Neutrality now law in EU.



- Net neutrality adopted as a principle in EU.
- Concerns about limiting ISP self-censoring (e.g. child-pornograbhy)
- US does not have net neutrality – netflix paying for preferential.

http://www.bbc.com/news/technology-26865869

# Reading:

Tavani Chapter 9: Regulating Commerce & Speech in Cyberspace
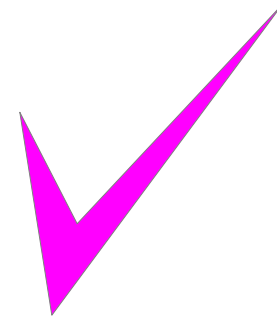Tavani Chapter 11: Community & Identity in Cyberspace. Sections 11.1 & 11.2.

Ethics & Technology

Ethical Issues in an Age of Information and Communication Technology

Herman T. Tavani

10
11.1
11.2

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# Lecture delivery

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|---|---|
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