How Social Computing Impacts Society

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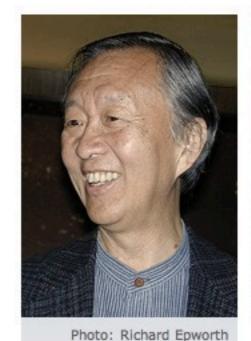
Sand from Centuries Past Send Future Voices Fast



The Nobel Prize in Physics 2009

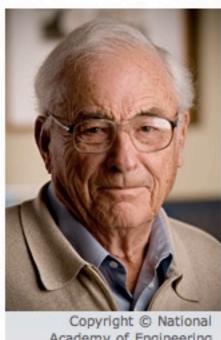
"for groundbreaking achievements concerning the transmission of light in fibers for optical communication" "for the invention of an imaging semiconductor circuit – the CCD sensor"





Prioto. Richard Epworth

Charles K. Kao



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Willard S. Boyle

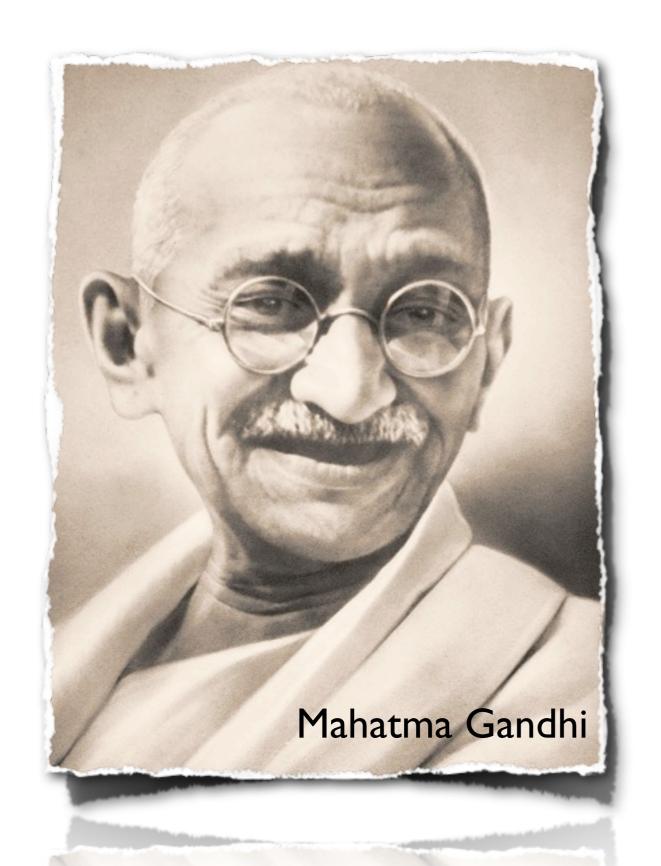


Academy of Engineering

George E. Smith





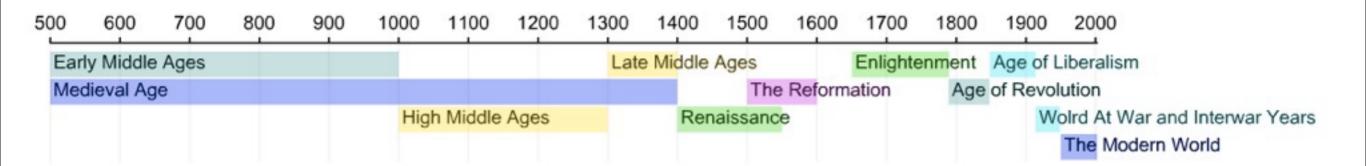


Interdependence is and ought to be as much the ideal of man as self-sufficiency.

Man is a social being.

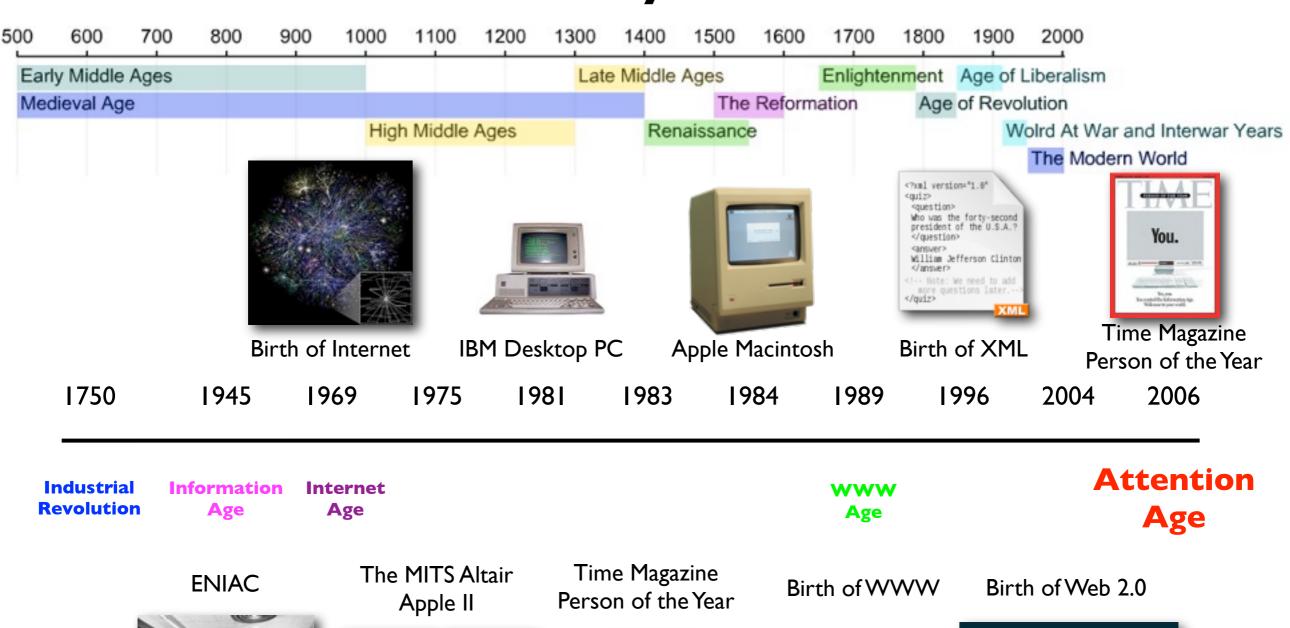


A Brief History of the World





A Brief History of the World





Web 2.0

Popular Electronics





Billionaires' Shuffle











2008 at **23** and **\$1.5** billion later...





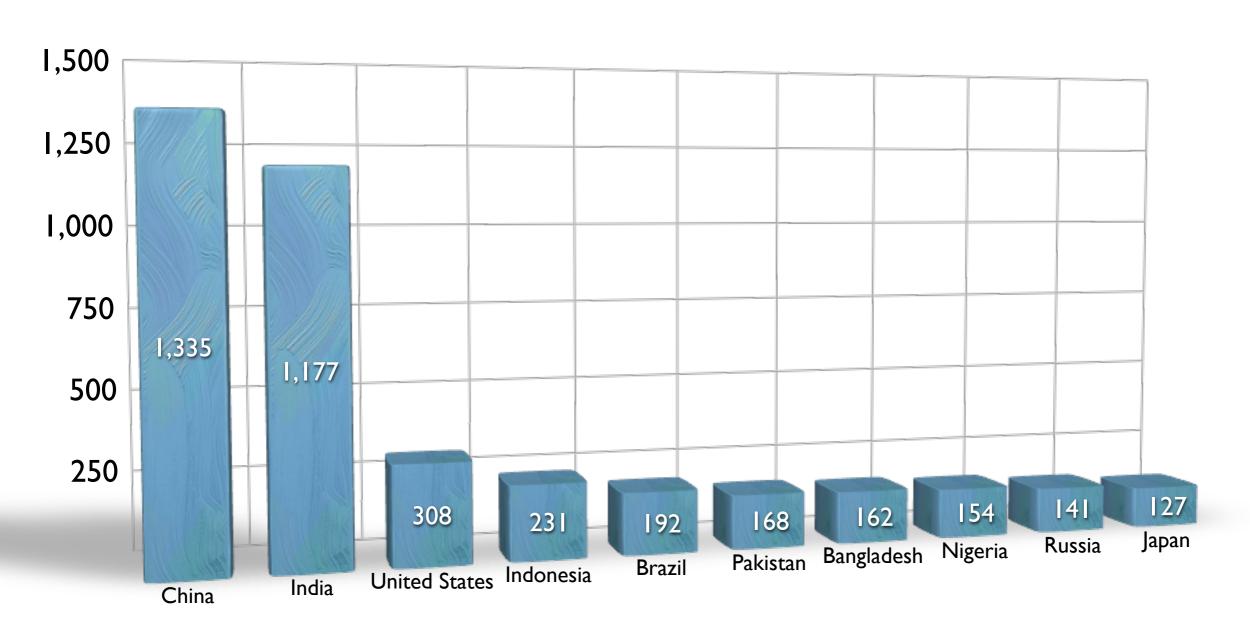
2008



How Social Computing Impacts Society, Irwin King, Asia Society, March 11, 2010, Hong Kong

Top 10 Most Populated Countries

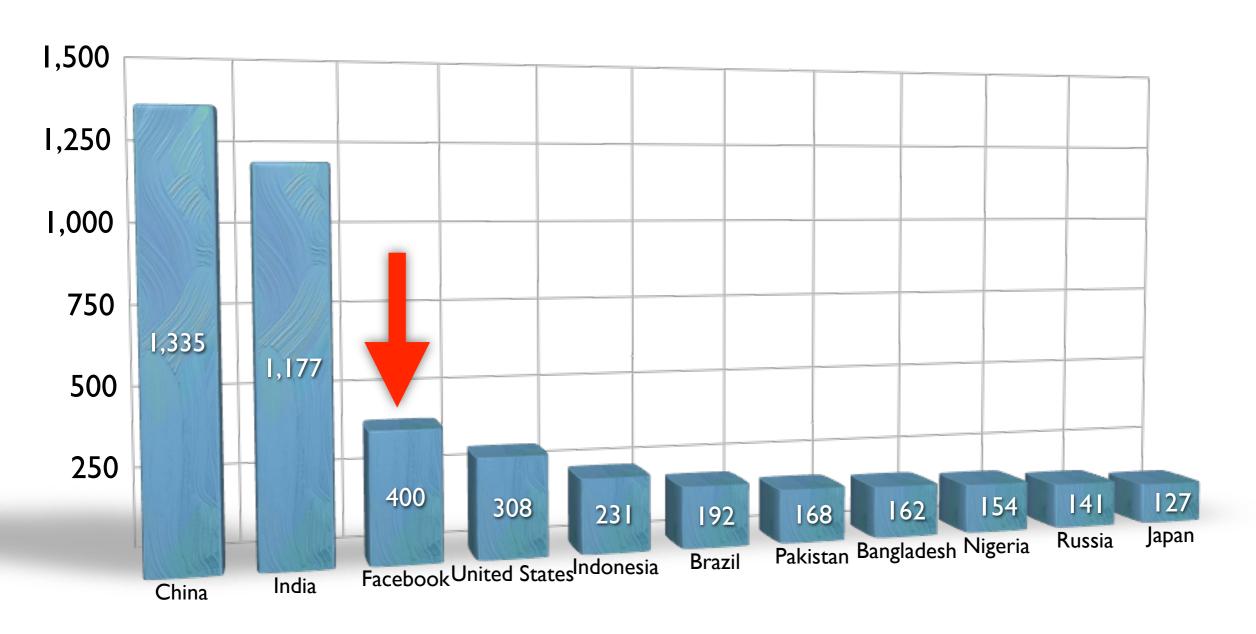
as of July 2009





Top 10 Most Populated Countries

as of February 2010



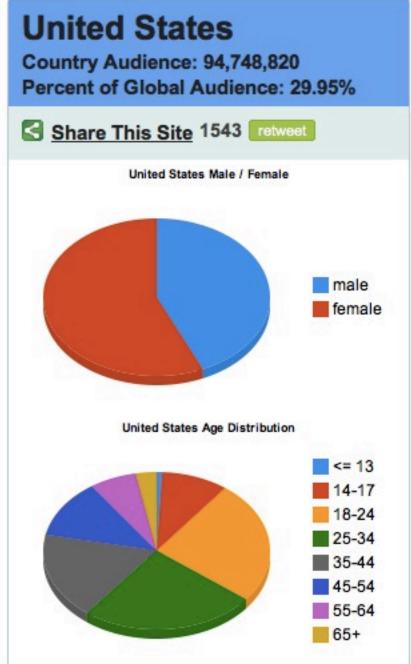


Facebook's Global Audience

Global Audience: 316,402,840

Data for 11/03/2009







Facebook's Growth Stats

Statistics

Company Figures More than 400 million active users

50% of our active users log on to Facebook in any given day

More than 35 million users update their status each day

More than 60 million status updates posted each day

More than 3 billion photos uploaded to the site each month

More than 5 billion pieces of content (web links, news stories, blog posts, notes, photo albums, etc.) shared each week

10 Largest Countries				10 Fastest Growing Over Past Week			
1.	United States	94,748,820	1.	Poland	12.46 %	137,900	
2.	United Kingdom	22,261,080	2.	Thailand	10.96 %	161,300	
3.	Turkey	14,215,880	3.	Portugal	9.81 %	80,040	
4.	France	13,396,760	4.	South Africa	9.25 %	189,080	
5.	Canada	13,228,380	5.	Taiwan	7.82 %	367,400	
6.	Italy	12,581,060	6.	Romania	7.65 %	28,060	
7.	Indonesia	11,759,980	7.	Germany	7.54 %	350,240	
8.	Spain	7,313,160	8.	Malaysia	7.43 %	236,840	
9.	Australia	7,176,640	9.	Indonesia	6.84 %	752,640	
10.	Philippines	6,991,040	10.	Iraq	6.72 %	6,380	



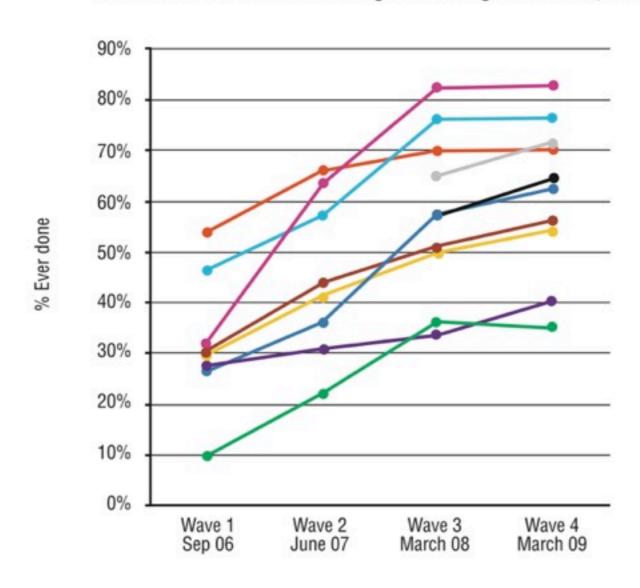
Global Internet Traffic

Alexa as of May 2009	China	USA	Japan	India	Brazil	Global
J	Baidu	Google	Yahoo.jp	Google.in	Google	Google
2	QQ	Yahoo	FC2	Google	Orkut.br	Yahoo
3	Sina	Facebook	Google.jp	Yahoo	Windows Live	YouTube
4	Google.cn	YouTube	YouTube	Orkut.in	Universo Online	Facebook
5	Taobao	Myspace	Rakuten	YouTube	YouTube	Windows Live
6	163	MSN	Livedoor	Blogger	Globo	MSN
7	Google	Windows Live	Ameblo.jp	Rediff	MSN	Wikipedia
8	Sohu	Wikipedia	mixi	Facebook	Google	Blogger
9	Youku	Craigslist	Wikipedia	Wikipedia	Yahoo	Baidu
10	Yahoo	EBay	Google	Windows Live	Terra	Myspace

EU Commission on Social Computing

Figure 2: The growth in active usage of social computing applications

Active internet users: "Thinking about using the internet, which of the following have you ever done?"

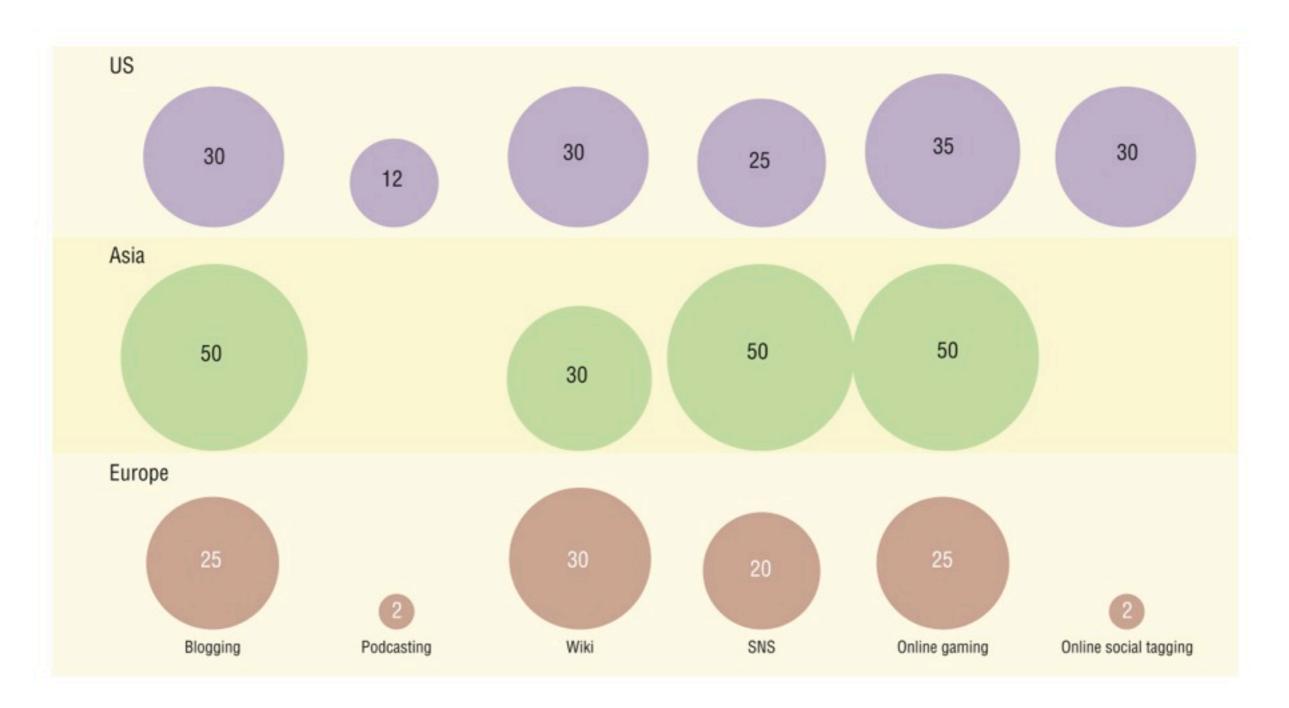


- Watch video clips online
- Listen to live radio/audio online
- Visit a friend's social network page
- Read blogs
- Manage a profile on a social network
- Create a profile on a social network
- Leave a comment on a blog site
- Upload my photos to a photo sharing site
- Start my own blog/weblog
- Upload a video clip to a video sharing site



EU Commission on Social Computing

Figure 1: Adoption of Social Computing





Social Computing with Web 2.0

- Web as a medium vs. Web as a platform
- Read-Only Web vs. Read-and-Write Web
- Static vs. **Dynamic**
- Restrictive vs. **Freedom & Empowerment**
- Technology-centric vs. User-centric
- Limited vs. Rich User Experience
- Individualistic vs. **Group/Collective Behavior**
- Consumer vs. **Producer**
- Transactional vs. **Relational**
- Top-down vs. **Bottom-up**
- People-to-Machine vs. People-to-People
- Search & browse vs. Publish & Subscribe
- Closed application vs. Service-oriented
 Services
- Functionality vs. Utility
- Data vs. Value



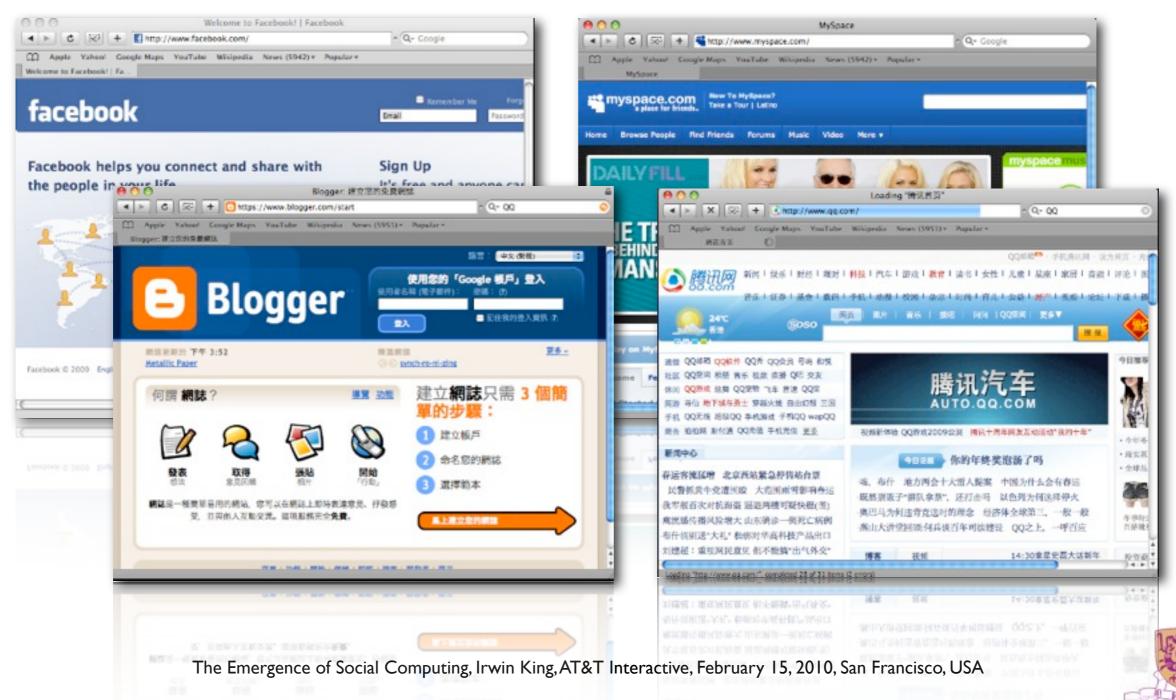
The Brave New Words





Social Networking Sites

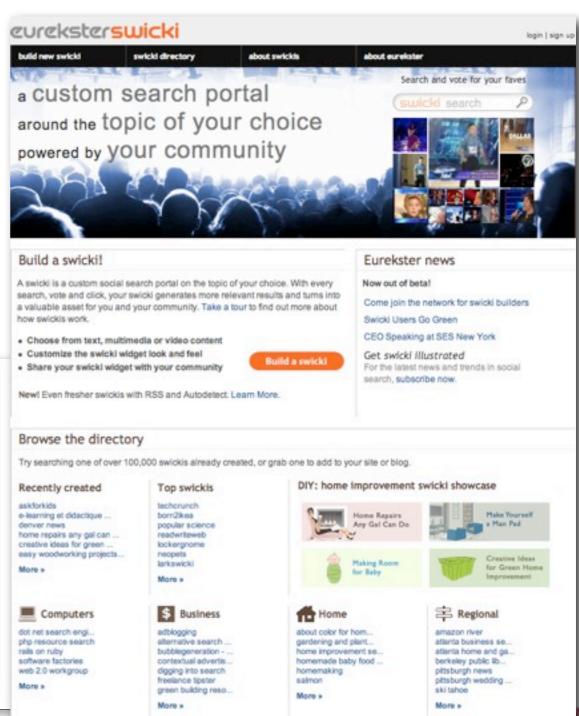
 Example of Social Networking Sites: FaceBook, MySpace, Blogger, QQ, etc.



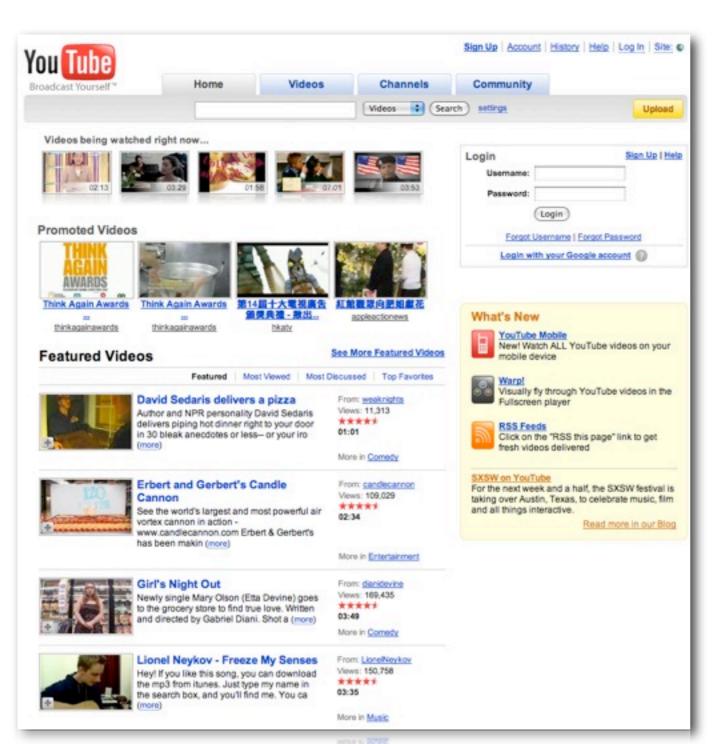
Social Search

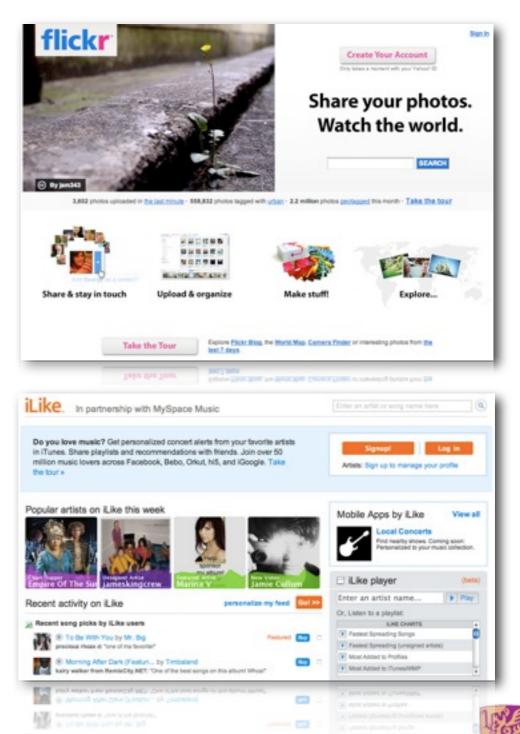
- Social Search Engine
- Leveraging your social networks for searching





Social Media

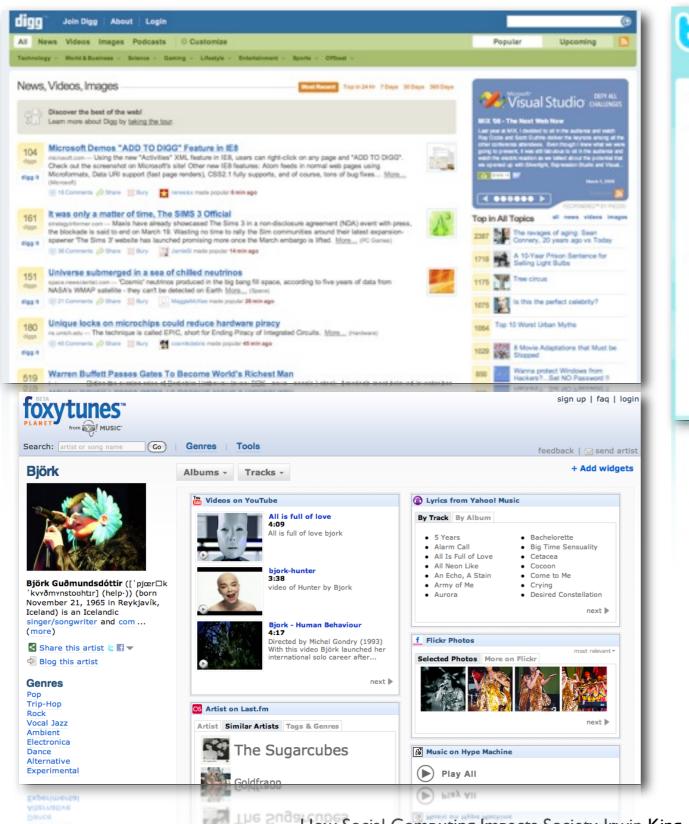






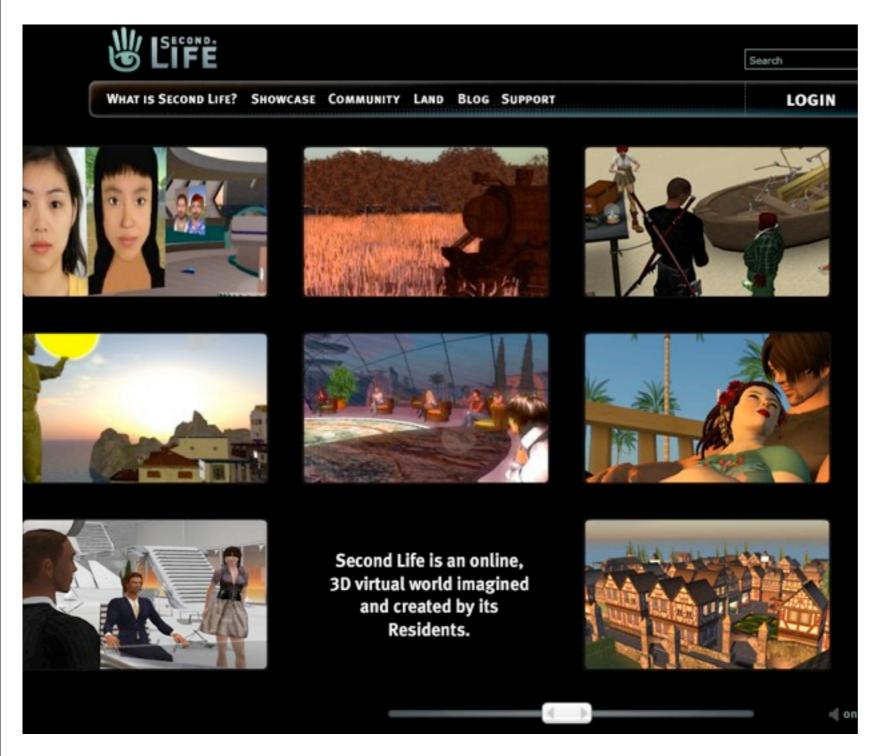
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Social News/Mash Up





On-line Games and Virtual Communities

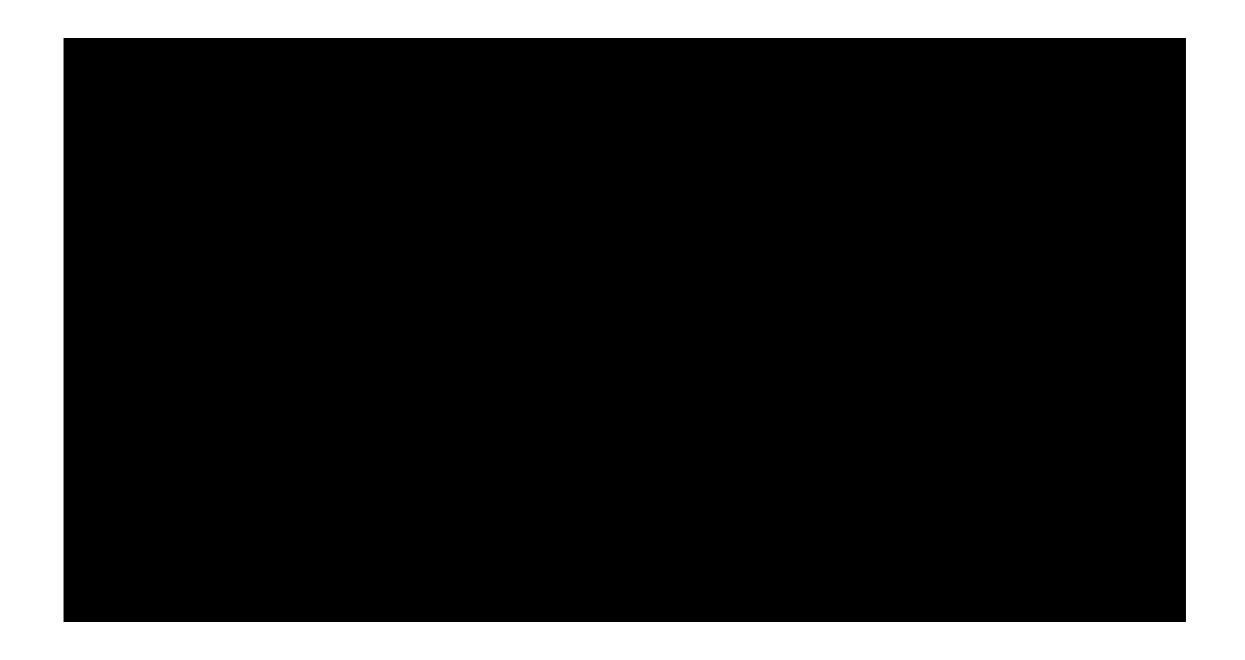






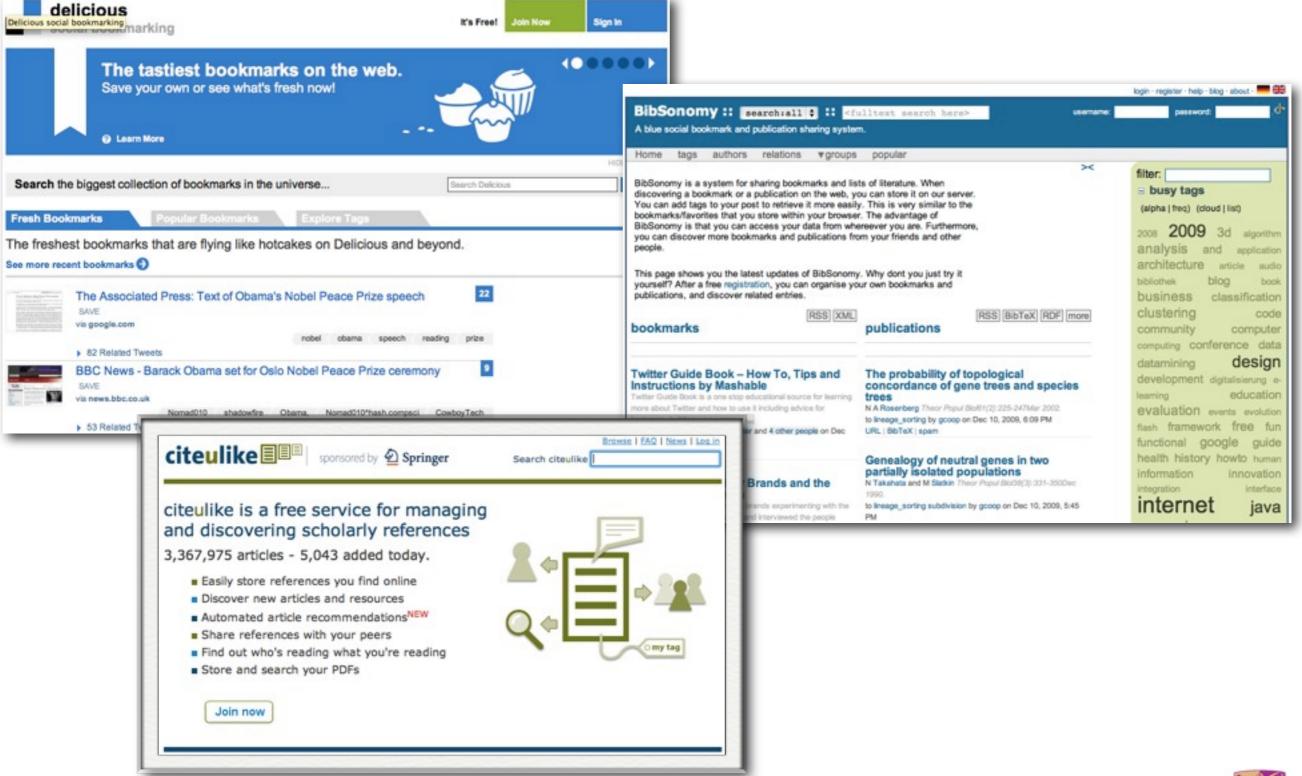


Second Life

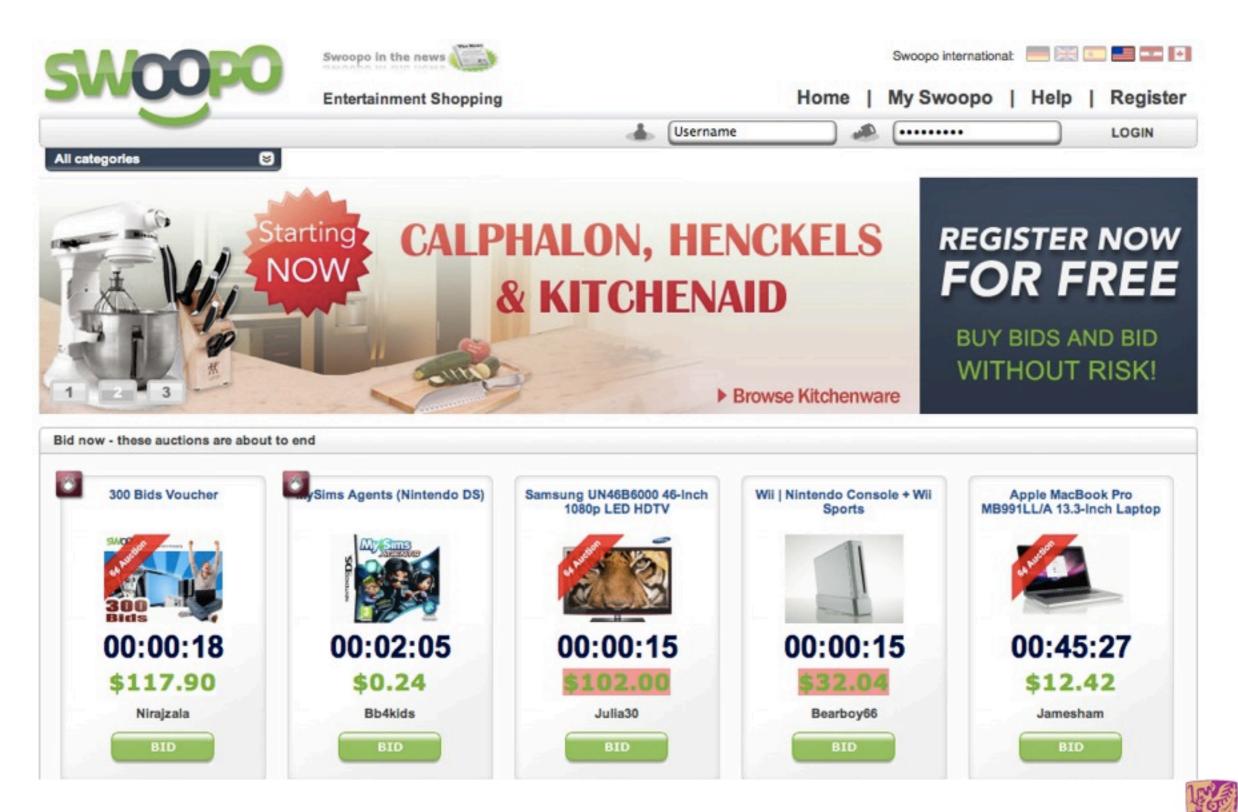




Social Bookmarking



Social Entertainment



Social Recommendations

Genius Recommendations for Apps ===

There are tens of thousands of apps in the App Store, with more added every day. A new feature of iPod touch makes finding cool new apps even easier. It's Genius for apps, and it works just like Genius for your music. Tap the Genius icon and get recommendations for apps that you might like based on apps you and others have downloaded.







Genius Playlists

Say you're listening to a song you really like and want to hear other tracks that go great with it. The Genius feature finds other songs on your iPod touch that sound great with the one you were listening to and makes a Genius playlist for you. Listen to the playlist right away, save it for later, or even refresh it and give it another go. Count on Genius to create a mix you wouldn't have thought of yourself.



Now the Genius feature is even more powerful. Introducing Genius Mixes. All you do is sync iPod touch to iTunes, and Genius automatically searches your library to find songs that sound great together. Then it creates multiple mixes you'll love. These mixes are like channels programmed entirely with your music.







Social Knowledge Sharing







CONTrol each knol is owned by you, the author

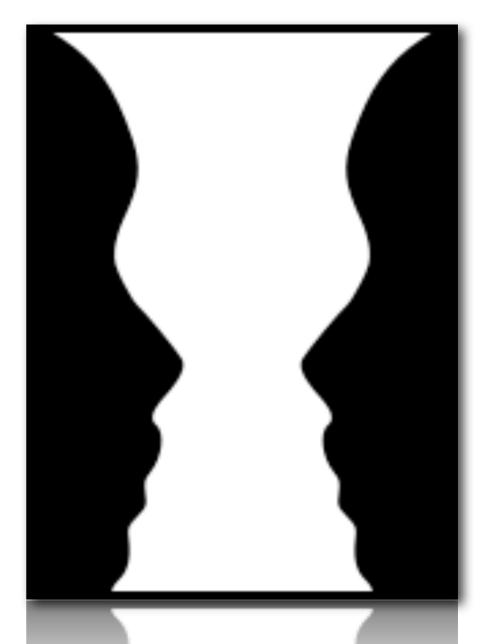
search - suche - rechercher - szukaj - 读案 - ricerca - zoeken - busc buscar - sök - поиск - 提案 - sek - haku - suk - cerca - căutare - ara

easy to write and manage



Social Computing Revolution

Connectivity
Collaboration
Communities





Social Analytics/Informatics

Social Informatics









Search

Advanced search

Login

e-mail

New user Lost password

Contact: Slovenian: FDV

SOCIAL INFORMATICS

STUDY PROGRAMS

RESEARCH CENTRES

BIBLIOGRAPHY

Introduction

- Concept
- History

Relevant Fields

- Social Informatics
- Web Content Structure
- Survey Methodology
- Marketing Research
- Social Science Methods
- Applied Statistics
- Official Statistics
- Data Collection
- Library Science
- Information Society
- HC Interaction
- Information Systems
- Social ICT Applications
- Data Modeling & Simulations
- Media & Communication
- Science & Technology
- Arts & Informatics

The notion of social informatics relates to the interaction between society and ICT (information-communication technologies). In its broadest sense it covers:

- the social consequences of ICT at micro (e.g. social aspects of ICT applications at personal and organisational level) as well as at macro level (e.g. information society studies);
- the application of ICT in the area of social sciences and social/public sector;
- the use of ICT as a tool for studying social phenomena (within social science methodology).

Graphical presentation is here>>

News

07.12.09	Information Society Free Virtual Library
02.12.09	Job offer: Professor in Social Informatics
01.12.09	Call for papers to "New technologies and data
	collection in social sciences"
09.11.09	Call for Papers "IASSIST 2010"

Department of Social Informatics

Job offer: Associate Professor Position -

archive

27.10.09

Blogs

- Social Informatics by Michael Tyworth
- Social Informatics a knol by Per Arne Godejord
- Pixelcharmer Field Notes: Social Informatics
- · Journal of Social Informatics Blog
- Social Informatic International Blog

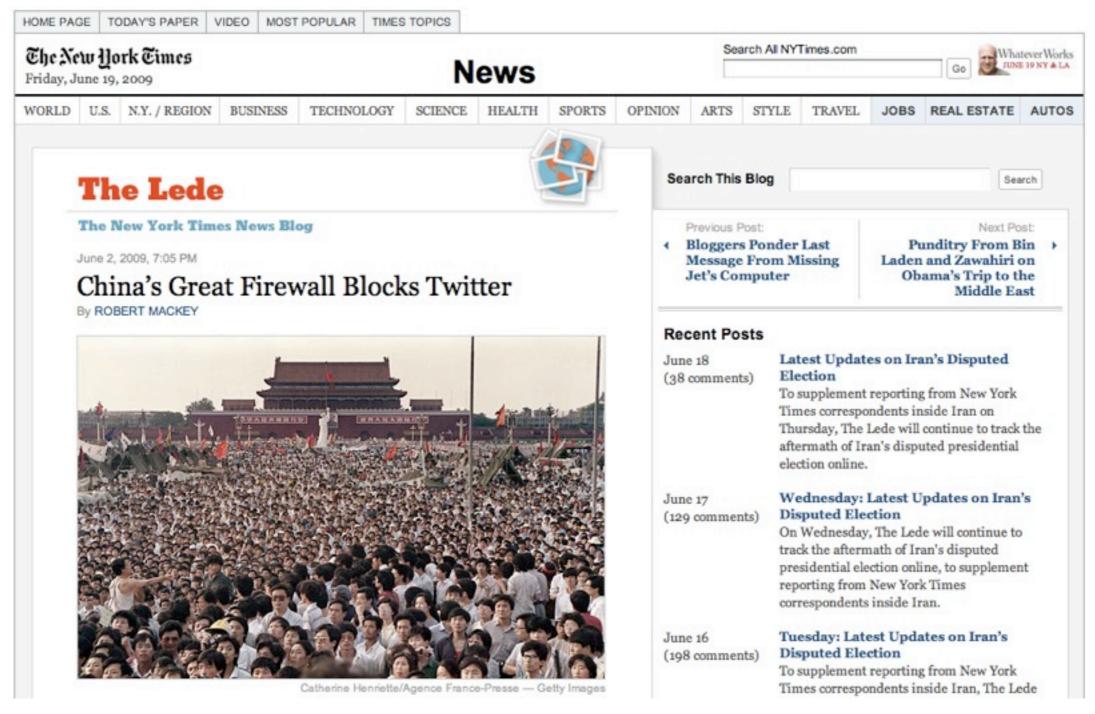
more

Associations

- The European Survey Research Association
- Council of American Survey
 Research Organizations (CASRO)
- · Marketing Research Association
- International Communications



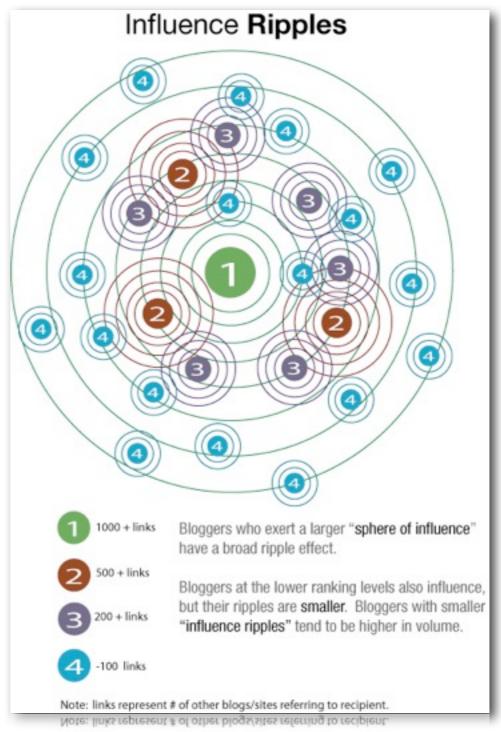
Politics





Commerce

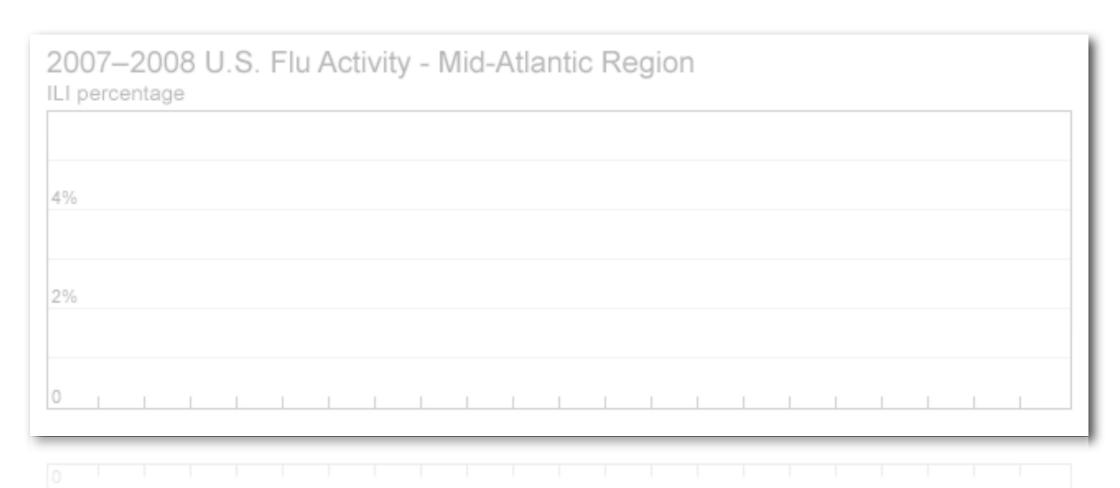
- Social marketing
- Who are the brokers?
- Who can exert the most influence on buying/selling?
- How much should one advertise?





Public Health

- People's behavior can be monitored
- What is on people's mind translates to search queries
- Google predicts flu trends...





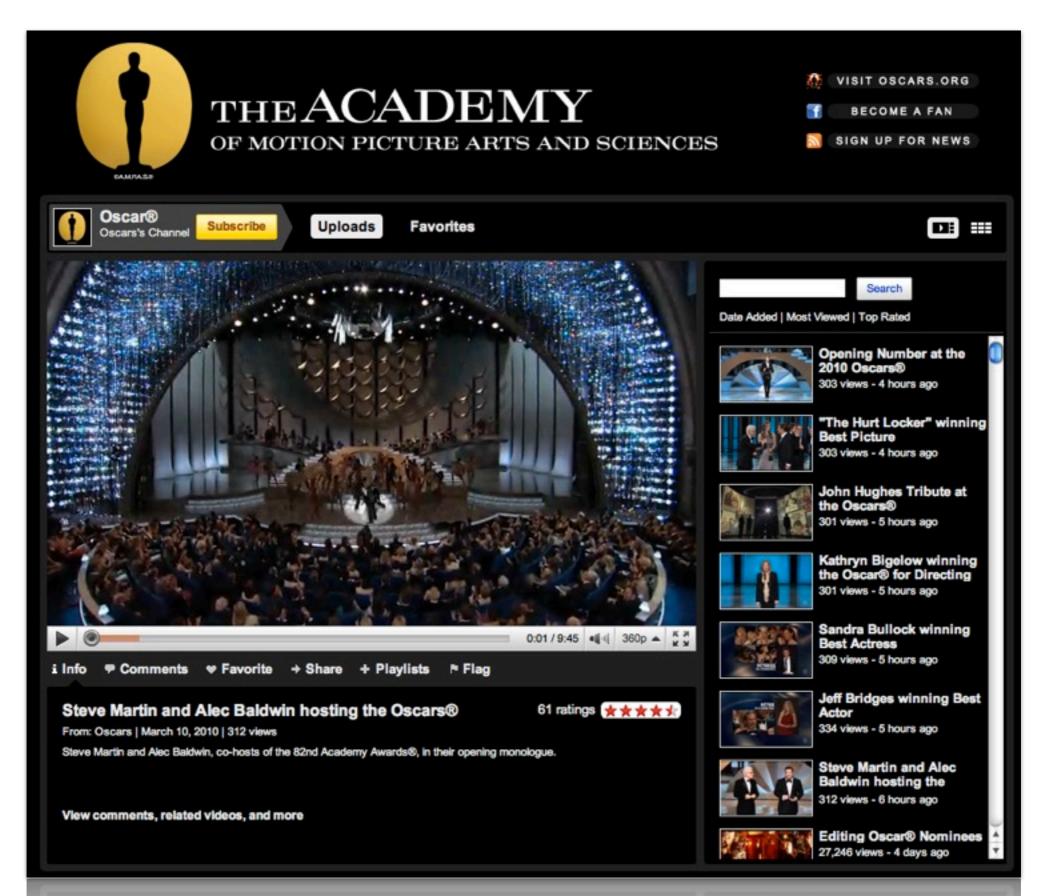
Twitter Pop Culture

- Twisdom: Twitter Wisdom
 - A Philosopher Ponders Life in 140 Characters or Less
 - "I don't know the key to success, but the key to failure is trying to please everybody." Bill Cosby Do what you know in your soul is right!
 - It is a miserable state of mind to have few things to desire, and many things to fear. – Francis Bacon
- The Longest Poem In the World-the awesome twitter poem! 956,644 verses this morning and ~4,000 a day!





The YouTube Generation





The Age of FaceBook





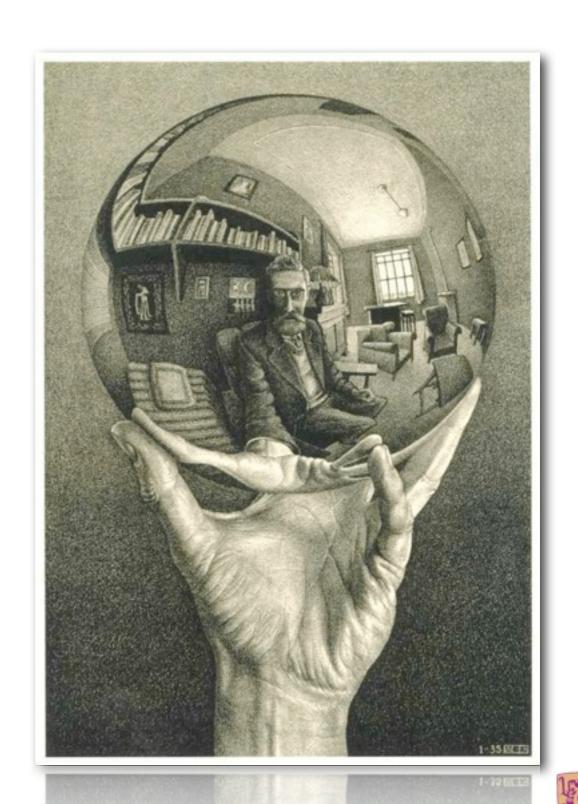
Social Media vs. Anti-Social Media?

- Being on-line vs. being face-to-face
- Being superficial in relating vs. creating a rich experience of relationship
- Being disrupted vs. being in command of your personal space
- Being educated on-line vs. being mentored in person



The Future of Social Computing

- Technologies and social media will continue to advance at a very rapid pace...
- Social Computing impacts significantly to culture, commerce, humanities, ...
- Join the flow or be left behind?



Q&A

