The Web and its Publics

Tommaso Venturini

La démocratie Internet

Dominique Cardon Seuil (2010)

On a beaucoup souligné les origines militaires d'Internet... Mais la chose est désormais établie: Internet est surtout né de la rencontre entre la contre-culture américaine et l'esprit méritocratie du monde de la recherche (p. 1).

Chercheurs, artistes, militants, passionnés et freaks de toutes espèces, les premier publics de l'Internet, y ont fait proliférer des utopies futuristes, des expérimentations esthétiques, des provocations et des gestes politiques d'un nouveau genre (p. 2).



The Web and its Publics

In the talk, I will discuss the social and political consequences of the organization of digital media. I will consider the limits of a simplistic reading of the power-law distribution of online visibility and the hopes raised by the thematic clustering and the dynamism of the Web.

I will also touch on the risks that these dynamics entail exploring the causes of the recent proliferation of 'junk news'.

Le Web et ses publics

Dans le rencontre, nous discuterons des conséquences sociales et politiques de l'organisation des médias numériques. Nous considérerons les limites d'une lecture simpliste de la distribution en loi de puissance de la visibilité en ligne et les espoirs soulevés par la clusterisation thématique et le dynamisme du Web.

Nous nous pencherons aussi sur les risques que ces dynamiques comportent, en explorant les causes de la récente prolifération des 'junk news'.

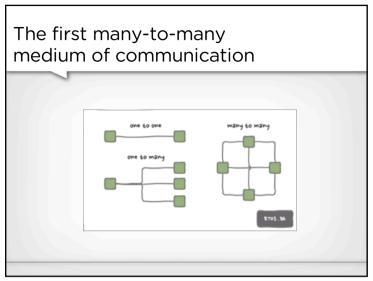
The Internet Imaginaire

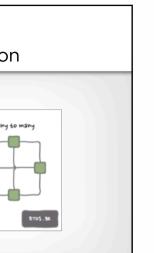
Patrice Flichy 2007, MIT Press

The founding utopias of computer communication not only guided the initial Arpanet project but also constantly interacted with its technical realization (p. 65).

[For hackers the use and future of IT] was not only an intellectual tool for academics but also a device to put into everyone's hands, capable of building not only new invisible colleges but also a new society (p. 67)







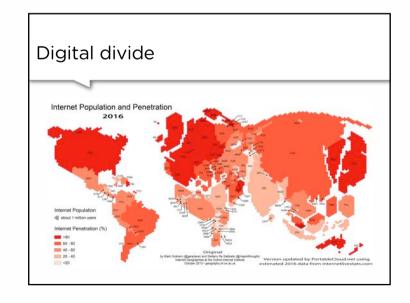
Buenos Aires, 21 March 1994 "In a sense, the Global Information Infrastructure will be a metaphor for democracy itself... it will in fact promote the functioning of democracy

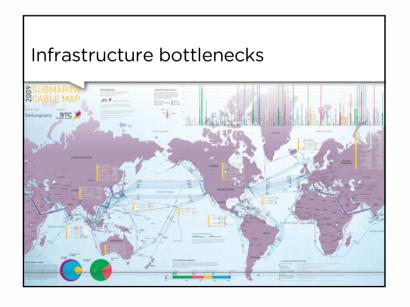
A new Athens

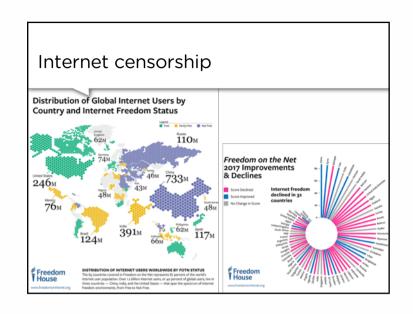
by greatly enhancing the participation of citizens in decision-making. And it will greatly promote the ability of nations to cooperate with each other.

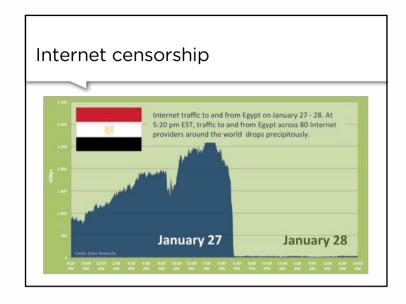
Remarks at International Telecom Union

I see a new Athenian Age of democracy forged in the fora the Global Information Infrastructure will create."



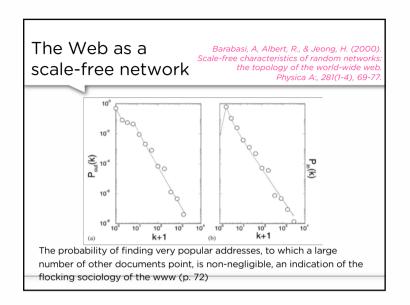


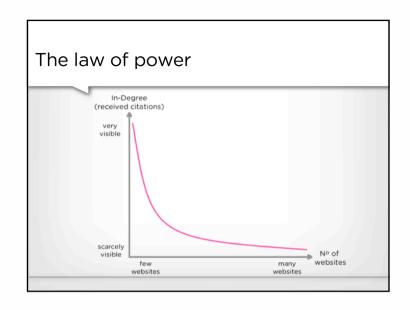


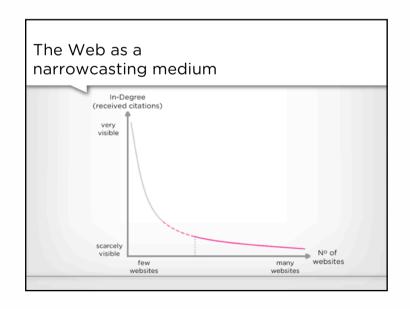


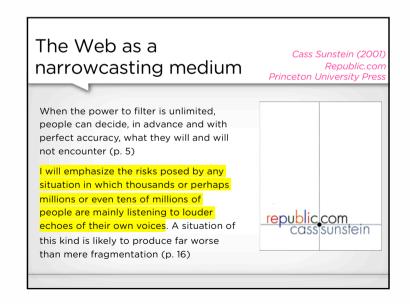


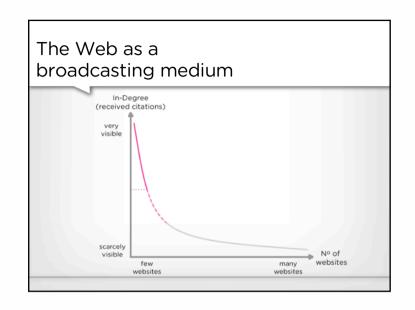


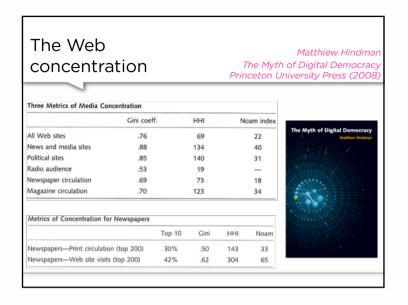


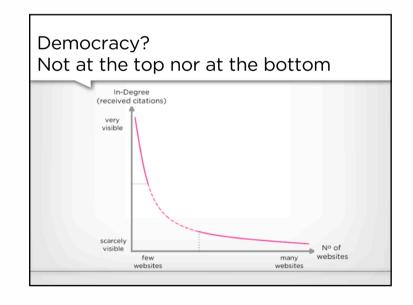


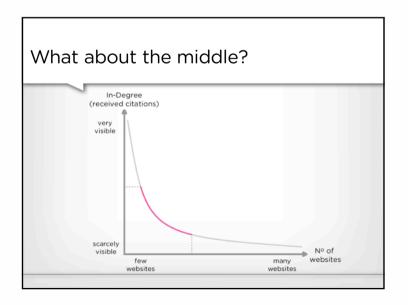


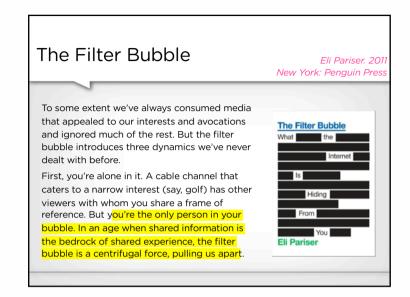


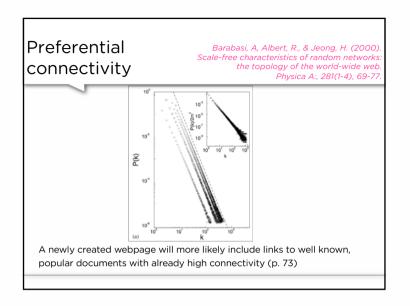


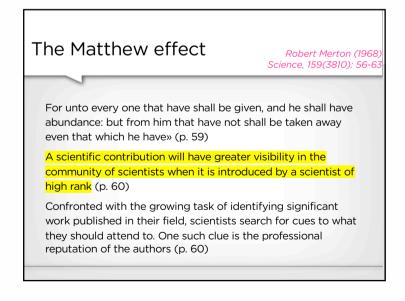


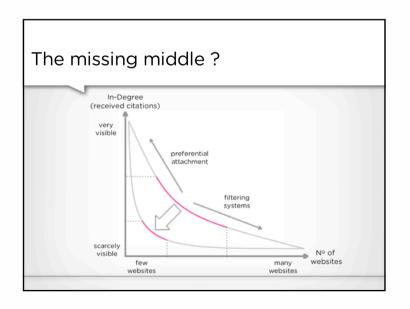


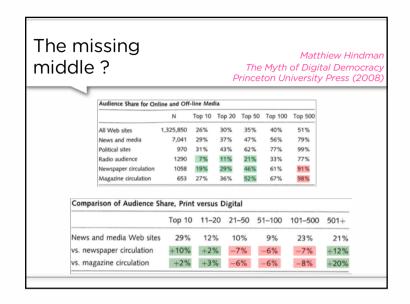






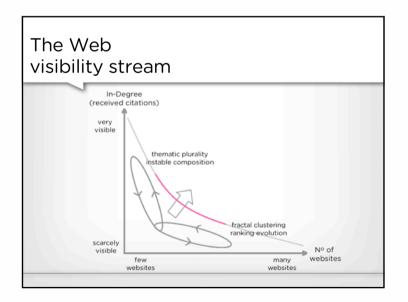






1. Semantic hyperlinks are embedded in texts that influence the decision to follow a link 2. Time hyperlinks are created successively and more recent links are more relevant

4 stirring mechanisms From the Bottom to the middle 1. (S) The Web is not just clustered, it is fractally clustered 2. (T) Ranking within clusters can change rapidly From to top to the middle 3. (S) Winner takes all, but different clusters have different winners 4. (T) Stable distribution but unstable composition



"We are not intellectual lemmings"

Yochai Benkler The Wealth of Networks Yale University Press (2006)

It turns out that we are not intellectual lemmings. We do not use the freedom that the network has made possible to plunge into the abyss of incoherent babble.

Instead, through iterative processes of cooperative filtering and "transmission" through the high visibility nodes, the low-end thin tail turns out to be a peer-produced filter and transmission medium for a vastly larger number of speakers than was imaginable in the mass-media model (p. 255)

and yet...

Public Data Lab The Public Data Lab



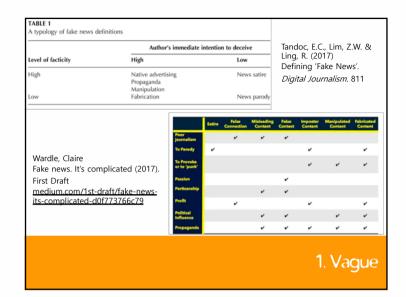
according to the literature, the notion of fake news is

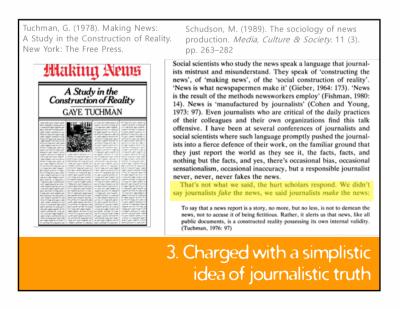
- 1. Vague
- 2. Undistinguishable from past forms of misinformation
- 3. Charged with a simplistic idea of journalistic truth
- 4. Politically dangerous

4 reasons to stay clear of "fake news"

from past misinformation





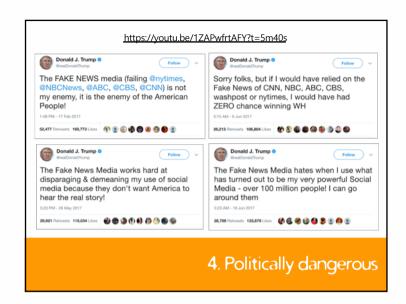


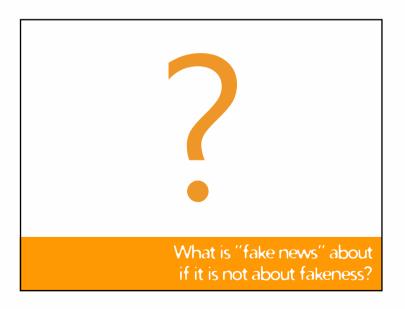
Claire, W. & Derakhshan, H. (2017). Information Disorder: Toward an interdisciplinary framework for research and policymaking (Report to the Council of Europe).

The term "fake news" has also begun to be appropriated by politicians around the world to describe news organisations whose coverage they find disagreeable. In this way, it's becoming a mechanism by which the powerful can clamp down upon, restrict, undermine and circumvent the free press. It's also worth noting that the term and its visual derivatives (e.g., the red 'FAKE' stamp) have been even more widely appropriated by websites, organisations and political figures identified as untrustworthy by fact-checkers to undermine opposing reporting and news organizations" (p.16)

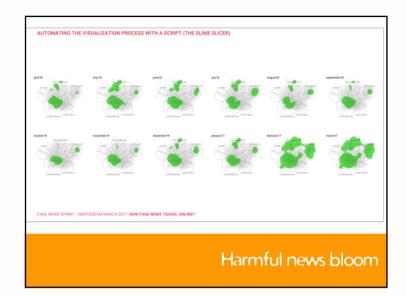
4. Politically dangerous

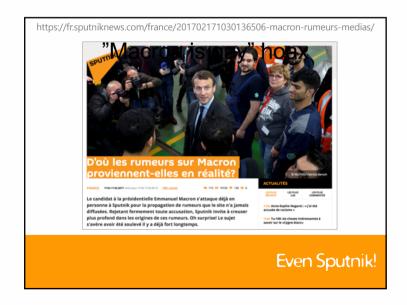






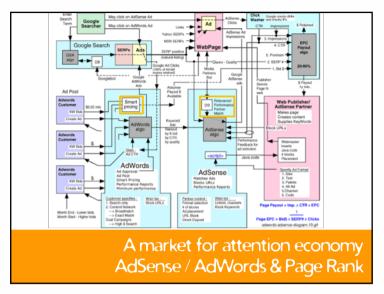


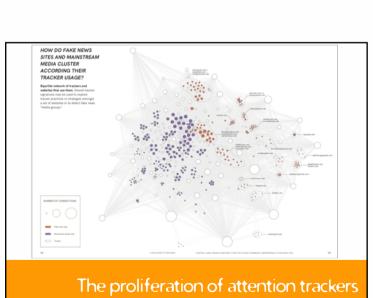




- Economy (automatization of the online attention market)
- Communication (socialization of a 'prosumer' audience)
- Technology (behavioral algorithms and spreading bots)
- Culture (virality-oriented subcultures)
- Politics (trolling warefare)

5 modes of junk news production

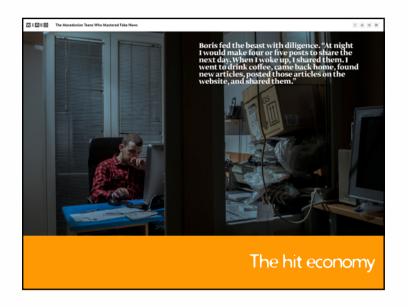




Google's success came from an understanding of what Chris Anderson refers to as "the long tail," the collective power of the small sites that make up the bulk of the web's content... The Web 2.0 lesson: leverage customer self-service and algorithmic data management to reach out to the entire web, to the edges and not just the center, to the long tail and not just the head (p.21) O'Reilly, Tim. 2005. "What Is Web 2.0 - O'Reilly Media." http://oreilly.com/web2/archive/what-is-web-20.html.

Google Ad Network and the birth of the Web 2.0





"When looking at just the titles of fake and real news articles, I find an even stronger dissimilarity between the two, with high consistency between the data sets and high statistical significance in the differences. Precisely, I find that fake news titles are longer than real news titles and contain simpler words in both length and technicality. Fake titles also used more all capitalized words, significantly more proper nouns, but fewer nouns overall, and fewer stop-words...

When adding in satire articles to the analysis, I find that the majority of our features distributions are common between satire and fake. Specifically, both satire and fake use smaller, fewer technical, and fewer analytic words, as well as, fewer quotes, fewer punctuation, more adverbs, and fewer nouns than real articles. Further, fake and satire use significantly more lexical redundancy

Horne, Benjamin D., and Sibel Adali. 2017.

"This Just In: Fake News Packs a Lot in Title, Uses Simpler, Repetitive Content in Text Body, More Similar to Satire than Real News."

Detecting fake news is not the name of the game

"The young Macedonians who run these sites say they don't care about Donald Trump. They are responding to straightforward economic incentives... Several teens and young men who run these sites told BuzzFeed News that they learned the best way to generate traffic is to get their politics stories to spread on Facebook — and the best way to generate shares on Facebook is to publish sensationalist and often false content that caters to Trump supporters."

Silverman, Craig, and Lawrence Alexander. 2016.

"How Teens In The Balkans Are Duping Trump Supporters With Fake News." BuzzFeedNews, November.

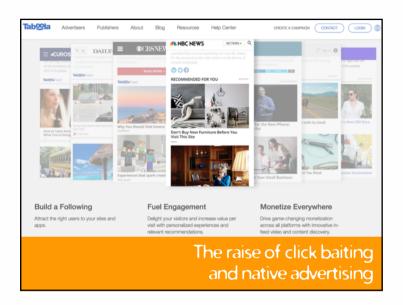
https://www.buzzfeed.com/craigsilverman/how-macedonia-became-a-global-hub-for-pro-trump-misinfo?utm_term=_cro1E9mve#_bemMKOgmV

Using politics to influence virality (not the other way around)

"I can't help but laugh at the irony of folks screaming up and down about fake news and pointing to the story about how the Pope backs Trump. The reason so many progressives know this story is because it was spread wildly among liberal circles who were citing it as appalling and fake. From what I can gather, it seems as though liberals were far more likely to spread this story than conservatives. What more could you want if you ran a fake news site whose goal was to make money by getting people to spread misinformation? Getting doubters to click on clickbait is far more profitable than getting believers because they're far more likely to spread the content in an effort to dispel the content. Win!"a

Danah Boyd (2017). Did Media Literacy Backfire? https://points.datasociety.net/did-media-literacy-backfire-7418c084d88d.

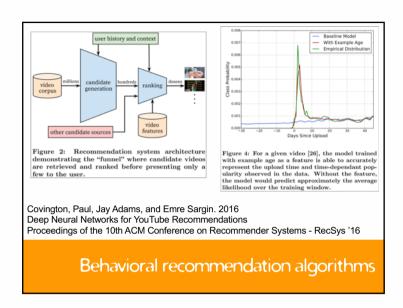
Debunking fake news is not the name of the game



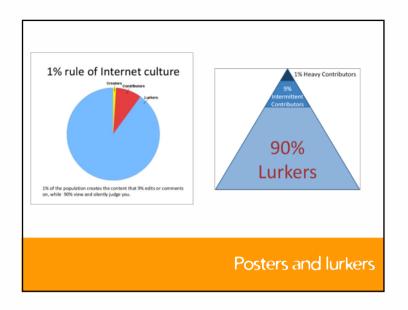




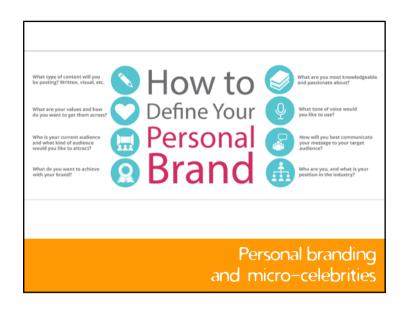


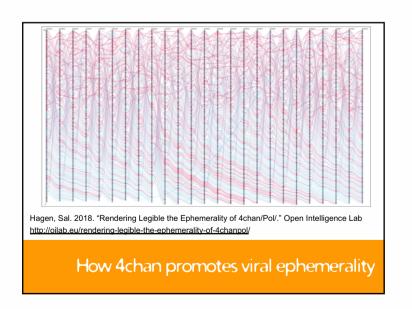


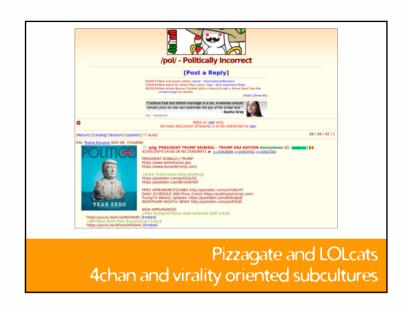


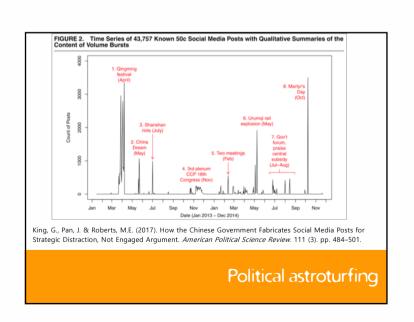










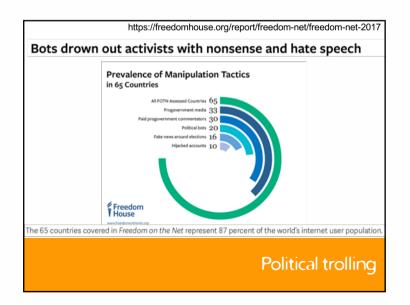


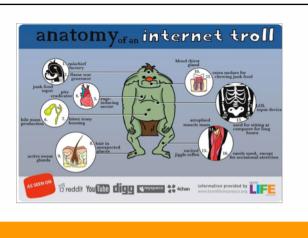
"the team doing this research... fail[s] to understand the legitimacy of "public opinion guidance" within the Chinese system...

traditional public opinion guidance systems don't seem to be pulling their weight when it comes to overcoming these problems. The Internet media space has an infinite capacity but its borders and its core are unclear, so some grassroots social issues are always able to suddenly attract the attention of the entire Internet, creating one hot button issue after another"

translation in King, G., Pan, J. & Roberts, M.E. (2017). How the Chinese Government Fabricates Social Media Posts for Strategic Distraction, Not Engaged Argument. *American Political Science Review*. 111 (3). pp. 484–501.

Political astroturfing





Internet trolling

Thank you!

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