

The Boundaries of Disinformation Workshop 2020 12 02

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- Law: Chris Marsden (University of Sussex)



Boundaries of Disinformation under Digitalization and Hyperconnectivity

...makes content creation and dissemination easy avoiding the traditional <u>gatekeeping mechanisms of publishers</u>, (<u>predefined</u>) <u>media</u>, (<u>existing</u>) <u>institutions</u>, <u>universities and governments</u>.

(Joshua Bronson and Susanne Stenberg)

CAN WE ESTABLISH NEW GATEKEEPERS

WHO WOULD

- tell the difference between managing disinformation and censoring
- establish relationship between facts and disinformation?
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Phenomenon of Disinformation is Old and Omnipresent

Historical examples of disinformation are many:

https://blogs.scientificamerican.com/anthropology-in-practice/three-historicalexamples-of-fake-news/ Three Historical Examples of "Fake News"

War- and political propaganda and counterpropaganda.

We meet information and disinformation on a daily basis on both micro- meso- and macro- (global) scales.

What is new?

Content production out of control

"The idea that different people can get a piece of paper that states the same thing is powerful. It's equalizing. It's easy to trust the information in this case because accepting that a huge group of people are being misled is, well, unbelievable. There isn't a way to prevent fake news entirely but it starts with critical reading and conversations."

Parallels to "direct democracy"?

Not only general public /"ordinary people" have got voice that can reach around the globe, but also politicians can directly tweet to their followers circumventing democratic goalkeepers.

Phenomenon of "informational bubbles"

Social networks, electronic web-based media, digital platforms, web bots – provide dangerous ways for disinformation to uncontrollably develop.

Automated means and AI for fighting disinformation bring their own challenges

https://www.europarl.europa.eu/RegData/etudes/STUD/2019/624278/EPRS_S TU(2019)624278_EN.pdf Automated tackling of disinformation

FIRSTDRAFT

7 TYPES OF MIS- AND DISINFORMATION



Figure 3: 7 Categories of Information Disorder (Credit: Claire Wardle, First Draft)

TYPES OF INFORMATION DISORDER

FALSENESS INTENT TO HARM

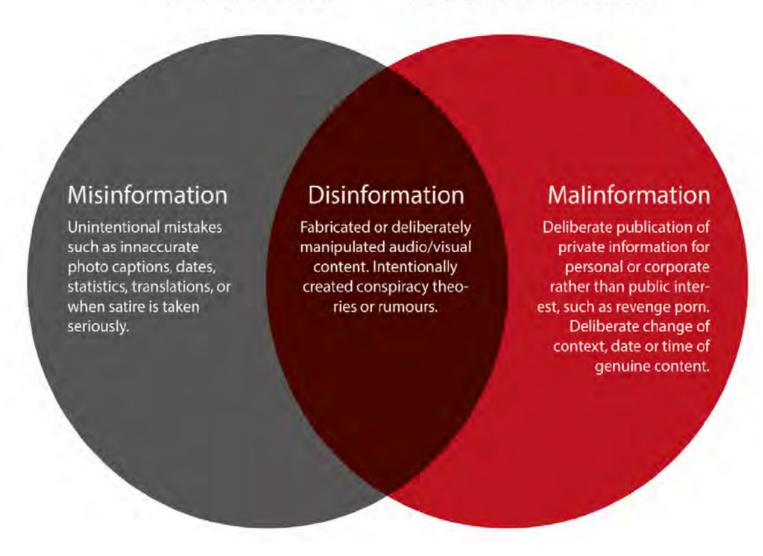


Figure 5: The Three Elements of Information Disorder



ETHICAL ASPECTS OF DISINFORMATION

We can think in terms of classical ethical theories

Utilitarianism

Disinformation as way of communication is detrimental for society at large, gains only those who control it.

Kantian ethics (deontology)

Disinformation goes against Categorical Imperative: Act according to the maxim that you would wish all other people to follow, as if it were a universal law.

Virtue ethics

Falsehood and intent to harm are vices.

Value-based human-centric ethics

Desinformation shows lack of: respect for human dignity and human rights, freedom, democracy, equality and the rule of law, transparency, fairness,, etc.

ETHICAL ASPECTS OF DISINFORMATION

Each of classical ethical theories reveal different types of problems with disinformation, but here is one modern approach which is especially apt for analysis, modelling and practical approaches to disinformation and that is INFORMATION ETHICS.

What is Information Ethics?

Microsoft Research Laboratory - PhD students summer school 2006

Cambridge 6 July, 2006

luciano.floridi@philosophy.oxford.ac.uk www.wolfson.ox.ac.uk/~floridi/

Luciano Floridi

Dipartimento di Scienze Filosofiche Università degli Studi di Bari

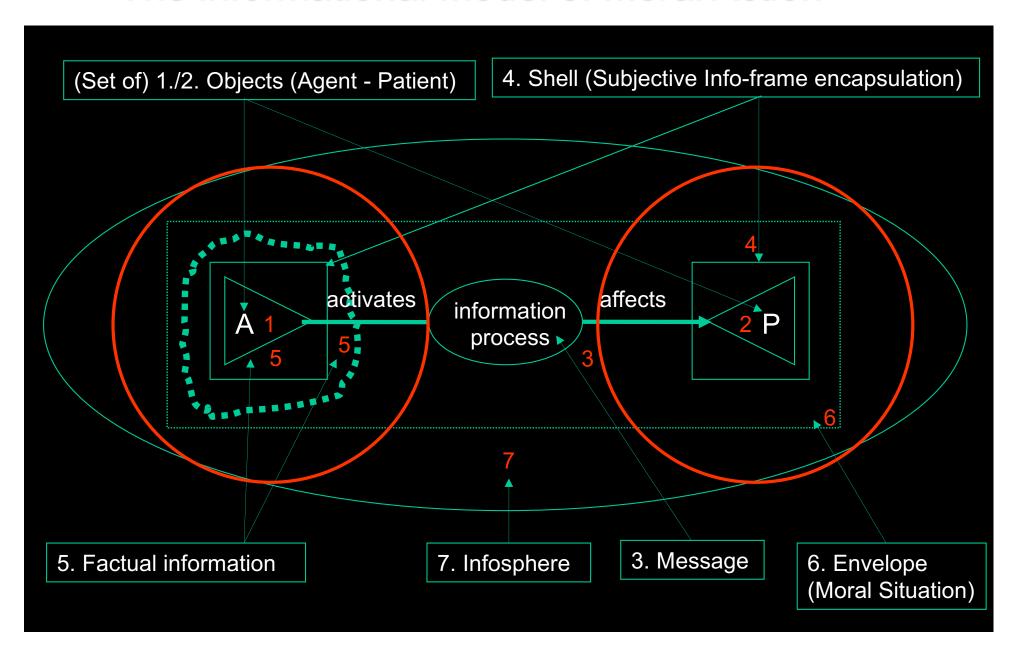
Faculty of Philosophy & IEG – Computing Laboratory University of Oxford





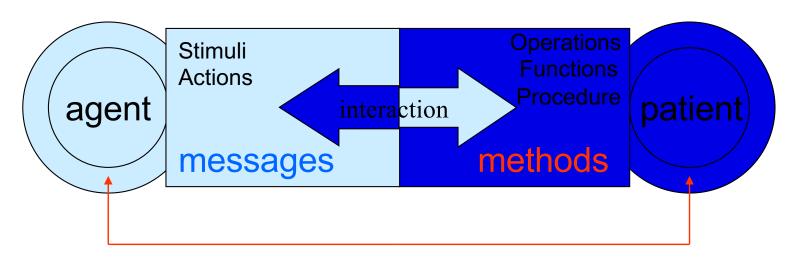


The informational Model of Moral Action



Informational Entities

Moral action = information process



data structures constituting the nature of the entity in question (state of the object, its unique identity, and attributes)

Floridi, L. A defence of informational structural realism. Synthese 161, 219–253 (2008). https://doi.org/10.1007/s11229-007-9163-z

Floridi's informational structural realist basis for info-computational modelling of cognizing agents. Gordana Dodig-Crnkovic Journal of Experimental & Theoretical Artificial Intelligence
Volume 27, 2015 - Issue 1: Inforgs and the Infosphere: Themes from Luciano Floridi's Philosophy of Artificial Intelligence

ETHICS AS NEWORK OF INFORMATION PROCESSES

Floridi's Information Ethics (IE) is a new theoretical foundation of Ethics. For IE, moral action is an information processing pattern. IE addresses the fundamentally informational character of our interaction with the world, including interactions with other agents. According to Floridi, ICTs create our new informational habitat. "Infosphere denotes the informational environment constituted by all informational entities (including informational agents, their properties, interactions, processes and mutual relations)." Our increasingly informational environment is an abstract equivalent of an eco-system.

Dodig-Crnkovic G. (2012) Floridi's Information Ethics as Macro-ethics and Infocomputational Agent-Based Models. In: Demir H. (eds) Luciano Floridi's Philosophy of Technology. Philosophy of Engineering and Technology, vol 8. Springer, Dordrecht. https://doi.org/10.1007/978-94-007-4292-5_1

ETHICS AS NEWORK OF INFORMATION PROCESSES

Unlike majority of classical ethical theories which are typically micro-ethics, Information Ethics is macro-ethics. Instead of being exclusively interested in individual subjects, it is rather focused on the level of social systems and their interplay with lower organizational levels.

Moral judgments vitally depend on the information about what is the case and what is understood as the desirable state of affairs. Moral responsibility increases for an agent who gets progressively more informed. Information streams in the Infosphere can both enrich and pollute the informational environment.

As a macroethics, IE can help us see general patterns and processes and understand their workings. That understanding of mechanisms will hopefully improve our skills in understanding the dangers and the benefits of ICT-enhanced societies.

INFORMATION COMES IN DIFFERENT TYPES, NOT ALL CAN BE CHARACTERIZED AS TRUE/FALSE

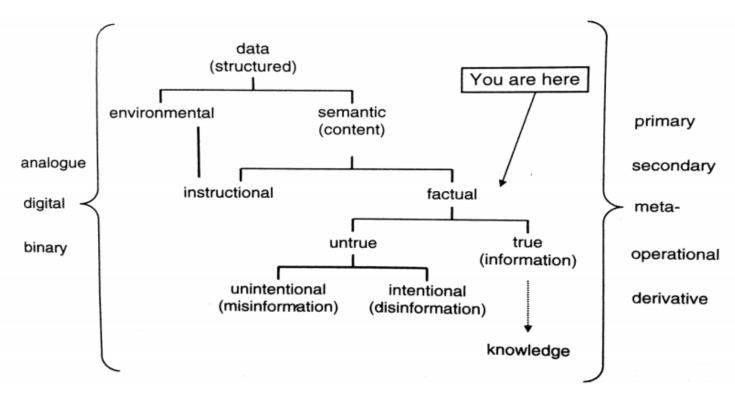
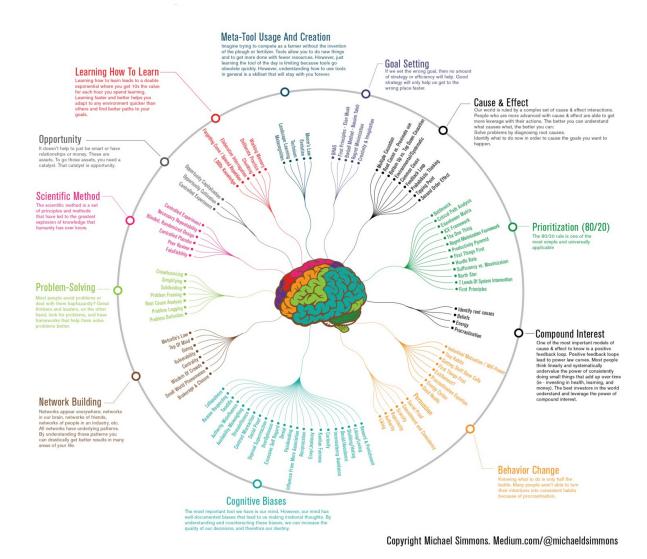


Figure 1. Map of information concepts Source: Floridi (2010: 49)

COGNITIVELY, WE ALL HAVE BIASES

IN SEARCH FOR INTERSUBJECTIVE



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Boundaries of Disinformation

WHO DECIDES WHAT IS "THE CASE"? ("THE FACT"/"TRUTH")

WHAT IS "AUTORITATIVE INFORMATION"?

WHO ARE AUTORITIES AND FOR WHAT?

THE NEED FOR BOUNDARY/BALANCE BETWEEN INDIVIDUAL FREEDOM AND SOCIETAL INSTITUTIONALIZED THINKING

AUTHORITY VS. FREEDOM

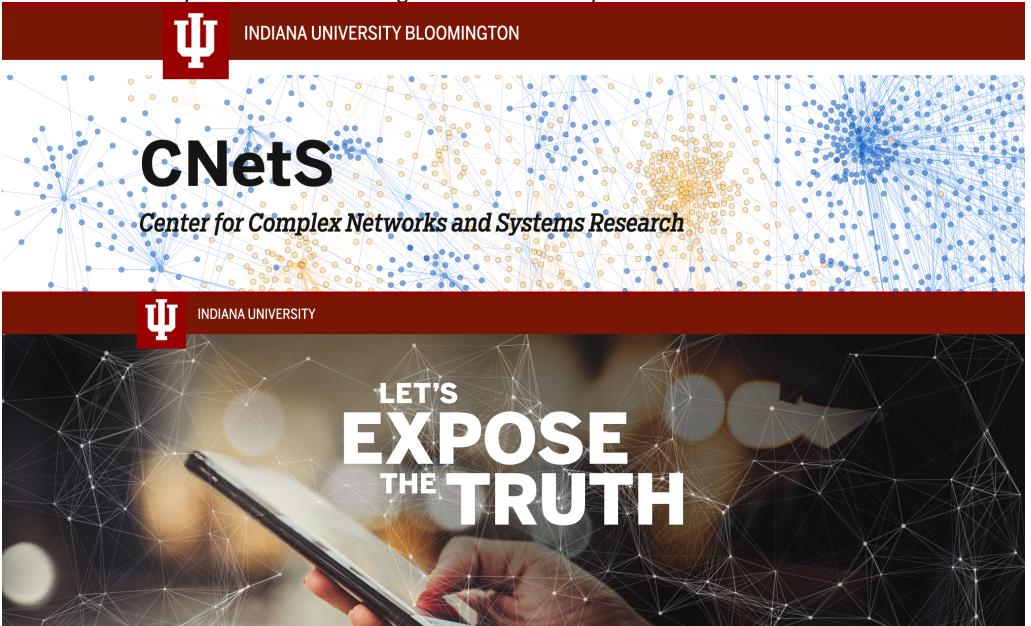
MOVING TOWARDS MORE TRUTH-BASED SOCIETY IS ABOUT NOT ONLY HOW (AI, MEDIA LITERACY, ETC)
BUT ALSO WHY (PHILOSOPHY, ETHICS, LAW, CRITICAL THINKING, ETC) WHICH IS A QUESTION FOR DEMOCRACIES TO DECIDE*.

^{*}In sciences we have a related question of SCIENCE vs. PSEUDOSCIENCE

EXTRA MATERIALS

People have already addressed this question

University of Indiana Bloomington: Tools to study and counter disinformation





https://cyber.harvard.edu/publications

Publications

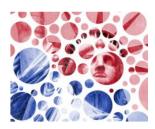
BERKMAN KLEIN CENTER

FOR INTERNET & SOCIETY AT HARVARD UNIVERSITY

Polarization and the Pandemic: American Political Discourse

Tracking political discourse in the U.S. for March, April, and May of 2020

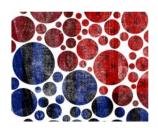
OCT 29, 2020



Partisanship, Impeachment, and the Democratic Primaries: American Political Discourse

Tracking political discourse in the U.S. for January and February of 2020 $\,$

OCT 22, 2020



US Elections Disinformation Tabletop Exercise Package

Publication provides the intelligence community, social media companies, state election officials, and news media a resource to plan for the election.

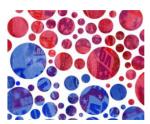
OCT 6, 2020



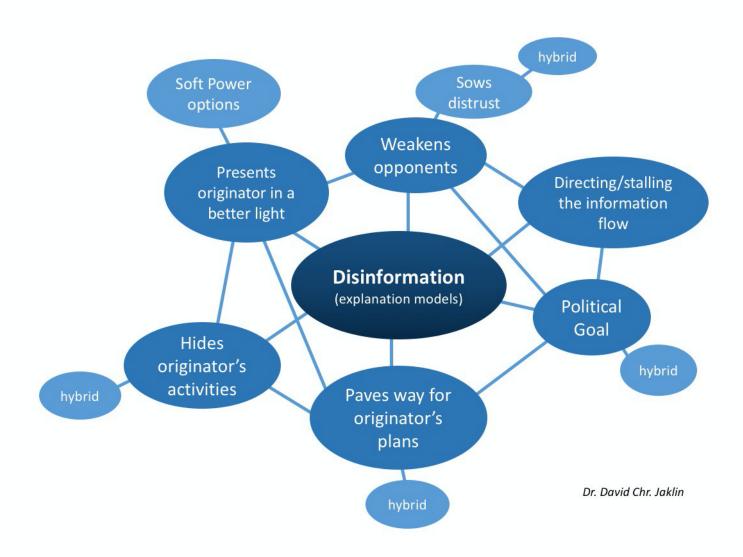
Mail-In Voter Fraud: Anatomy of a Disinformation Campaign

Working paper explores disinformation campaign about mail-in voter fraud $\,$

OCT 1, 2020



DISINFORMATION-CONCEPT MAP



DISINFORMATION-CONCEPT MAP

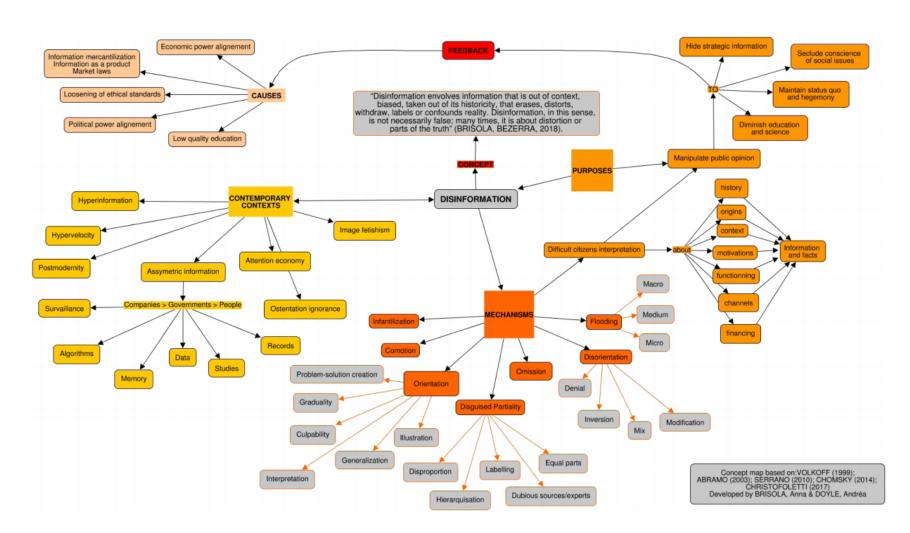


Figure 1. Disinformation concept map