

# Ethics in AI

Round table with participation of



Cansu Canca  
Northeastern U. & AI Ethics Lab



Claude Kirchner  
CNPEN/CCNE & Inria



Jeanna Matthews  
Clarkson University

Live at the  
Youtube channel

**CIC UnB**

Department of Computer Science  
Universidade de Brasília

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UnB | IE | CIC



Atuante como sempre,  
necessária como nunca

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# Precooked questions - Regulation vs Education in BRICS

How AI, and related technological products, may be regulated to avoid abuses in BRICS and developing countries?

In other words, how to incorporate the know-how about AI technologies for educating populations and/or avoiding their unregulated commercialisation and application around the world.



2021 The Brazilian legislation allows the use of pesticides that are banned in developed countries. This dangerous flexibility is easily guaranteed after industrial-government lobby. Currently, “from 399 pesticide active substances registered in Brazil the percentage of unauthorized substances according to countries is as follows: 85.7% in Iceland; 84.7% in Norway; 54.5% in Switzerland; 52.6% in India; 45.6% in Turkey; 41.5% in the European Community; 39.6% in Canada; 38.6% in China; 35.8% in Chile; 31.6% in Mexico; 28.6% in Australia; and 25.6% in the United States.”

# Precooked questions - Regulation vs Education in BRICS

**g1**

Brazilian TV report - March 8, 2022 - Brazilian Economy

Ministry regulated the recovery of forgotten resources in Banks (“Dinheiro Esquecido”) through biometric face recognition. The face recognition system is used to upgrade user authentication security in bank accounts (level “prata” and “ouro”). As result many elder and people of colour may have been discriminated.

According to the Ministry of Economy, “there are no flaws in the system”. However, the body said several factors may contribute to this problem. As the image validation occurs by facial biometrics, there may be limitations of the user’s own cell phone; The image may be polluted, impairing the person’s identification. The user may be photographing himself with many objects behind, for example. The ideal is to take the photo with a neutral background.



Nevertheless, concerns over face recognition accuracy and privacy are well-known since a while and have resulted in specialised policy regulations around the world.

2020 Documentary directed by Shalini Kantayya

## Precooked questions - Regulation vs Education in BRICS

Links shared by Jeanna Matthews on this question.

- ▶ [Link](#) to personal resources ACM and IEEE policy councils and committee, and Criminal Justice accountability.
- ▶ [Link](#) to IEEE standards report on Ethically Aligned Design.

# Precooked questions - Digital Ethics and world challenges

Should AI Ethics, Digital Ethics, mitigation of disinformation and misinformation, and related issues be promoted as one of the current human world challenges by international human right and health agencies (UN, WHO)?

Is it not as urgent as other current anthropocene issues (climate change mitigation, global water and food security, grow global health)?



Pointed out by Vincent F. Hendricks - Professor of Formal Philosophy University of Copenhagen.

2019 documentary directed by Jeppe Rønde.

Indeed, “Big Data for Sustainable Development” is included as one of the UN global issues, and, “Infodemics” is included in the health issues of the WHO.

## Precooked questions - Digital Ethics and world challenges

The promotion of mitigation of such problems as one international challenge is more urgent for populations in countries where governments are involved in the generation of disinformation.

In Brazil, disinformation on the coronavirus and deforestation is thriving, causing confusion and risk-taking behaviours. Therefore, people must be instructed to get updated information from authoritative sources only.

In June 2020, after the dismissal of two Ministers and access restriction to Brazilian Health Ministry information about Covid-19, the Brazilian media created a [press consortium](#). It has been sharing data and providing updated information about pandemics.

Researchers of the Brazilian National Institute for Space Research



maintain and publish authoritative scientific information about deforestation ([Amazon in 2021 13.235 km<sup>2</sup>](#)), although dismissal of its Scientific Head in August 2019 with the narrative that “INPE data is a lie”, and “data about deforestation makes campaign against Brazil” ([Scientific American](#)).

## Post-humanistic question - Intelligence versus Wisdom

Isn't time to distinguish between intelligence and wisdom in science & technology?

Maybe much of the confusion is caused by the fact we work on "AI" but believe (and shall) are working on "**artificial wisdom**" ...

Rephrasing Mark Coeckelbergh's book "AI Ethics", MIT 2020:

AI is related to an abstract and cognitive kind of human intelligence.

We need intelligent machines

Wisdom is related to the way we answer political and ethical questions, how to live and how we deal with our environment.

and also smart people

# Intelligence versus wisdom

May AI solve the challenge of deciding which was the “best” soccer world cup goal?



The “hand of god” 1986



James Rodriguez 2014



Pavard 2018

Isn't soccer poetry?

Would IA be able to check all the possibilities?

# Intelligence versus wisdom

May be not!



Martha 2007



Megan Rapinoe 2019

# Intelligence versus wisdom

Link shared by Jeanna Matthews on a nice sci-fi related story and her analysis.

- ▶ “When We Were Patched” A short sci-fi story about officiating in a very cool futuristic sport.  
DEJI BRYCE OLUKOTUN. Future Tense, AUG 27, 2018
- ▶ “Algorithms Could Create an Even Playing Field - if We Insist on It”  
An expert on algorithmic bias responds to Deji Olukotun’s “When We Were Patched.”  
BY JEANNA MATTHEWS. Future Tense AUG 27, 2018