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(Advanced) Ethics: presentation and organization of the course

Karën Fort

karen.fort@loria.fr / https://members.loria.fr/KFort

Institut des sciences du Digital Management & Cognition
COMPOSANTE DE L'UNIVERSITÉ DE LORRAINE

UNIVERSITÉ DE LORRAINE

Organization

Course

Organization of the course

- 10 sessions of 2h, with me
- evaluation:
  - presentations of research papers, by groups (groups of 2), during each sessions (support for discussion) – 2 papers presented by sessions (hence, 2 groups):
    - 20 min presentation
    - discussion
    - 20 min presentation
    - discussion

  → register here: https://lite.framacalc.org/8dng78b9r1_m2ethics-ai0g

Provisional agenda

- Introduction (this) **and** some remarks about the AI Act
- An introduction to the environmental impact of AI
- 7 sessions of papers presentation (groups of 2, 20 min) – this means that you will have to present 2 papers
- maybe a surprise (Surprise!)

(Ordered) list of papers

1. On the Dangers of Stochastic Parrots: Can Language Models Be Too Big? **and** Large Language Models Are Biased Because They Are Large Language Models
2. Decolonising Speech and Language Technology **and** The Ethical Question – Use of Indigenous Corpora for Large Language Models
3. Worker Demographics and Earnings on Amazon Mechanical Turk: An Exploratory Analysis **and** Turk-Life in India (I have the paper)
4. AI generates covertly racist decisions about people based on their dialect **and** Common Sense or Ableism? Rethinking Commonsense Reasoning Through the Lens of Disability
5. The Elephant in the Room: Analyzing the Presence of Big Tech in Natural Language Processing Research **and** We are Who We Cite: Bridges of Influence Between Natural Language Processing and Other Academic Fields
6. Biased LLMs can Influence Political Decision-Making **and** Do as AI say: susceptibility in deployment of clinical decision-aids
7. Estimating the Carbon Footprint of BLOOM, a 176B Parameter Language Model **and** MLCA: A Tool for Machine Learning Life Cycle Assessment

How to present a research paper (some ideas)

- Present the obvious:
  - what's at stake
  - methodology
  - results
- Highlight to most important points, according to you
- Identify potential limitations, issues, with the research
- Before all this, present the context of the paper:
  - where was it published?
  - by whom (where do they talk from)?
  - maybe some other important facts around the paper

Presentations: beware!