

Careers in AI Governance

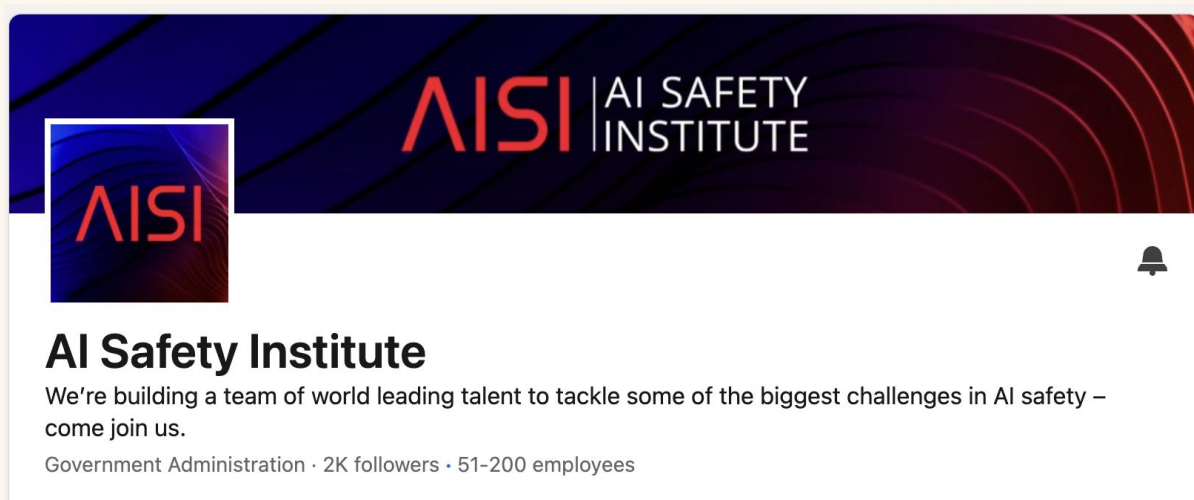
Chiara Gerosa

AI Governance Lead @ Impact Academy

EU Tech Policy Lead @ Talos Network



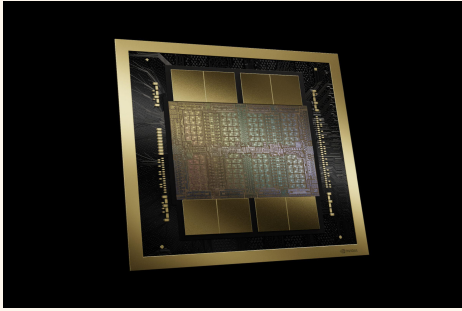
Currently, there are relatively fewer institutions to govern frontier models compared to narrow models



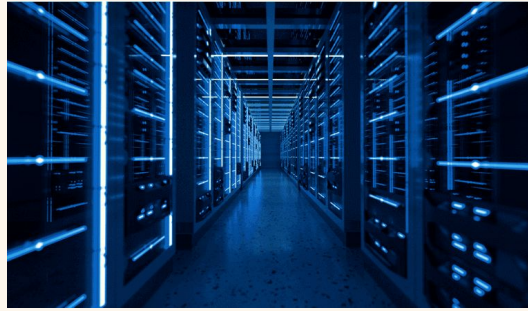
Profile: [Ian Hogarth](#), AISI Chair



Current gaps in the frontier AI governance landscape



Compute governance

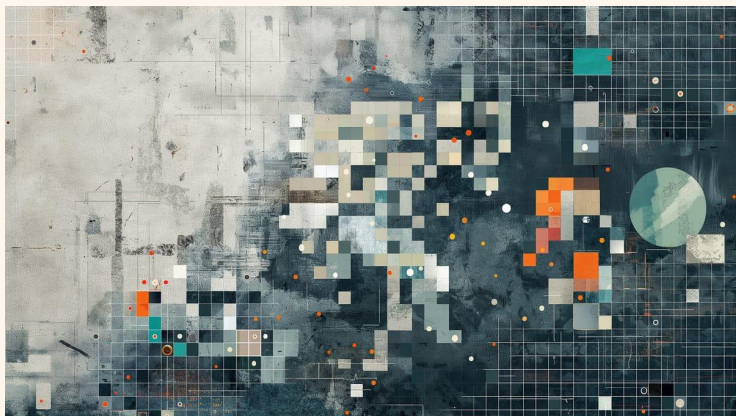


Large-scale infrastructure
development / governance



International collaboration
(e.g. frontier R&D)

By governing compute, you can govern AI development as well as deployment (for now)



- **Excludability** (not everyone can use it simultaneously)
- **Quantifiability** (compute has a physical nature, you can “count” it)
- **Necessity** (required to run programs)

<https://blog.heim.xyz/presentation-on-introduction-to-compute-governance/>

Profile: [Lennart Heim](#), RAND

Centralizing infrastructure control to avoid economic concentration + ensure competition & benefit-sharing



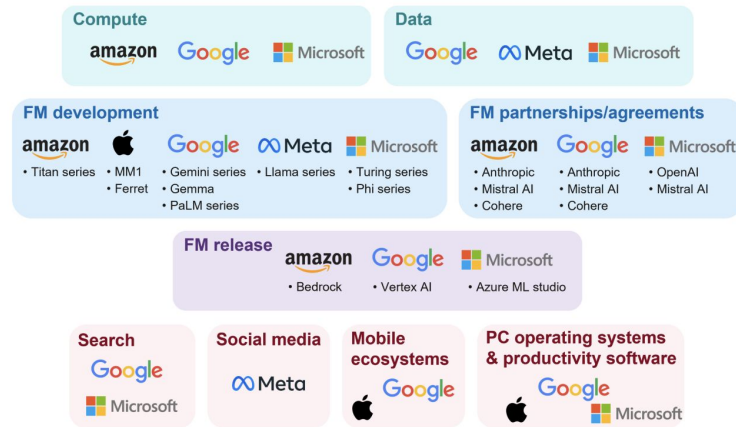
- E.g. **Gemini Ultra**, the largest of Google's models, was [trained across multiple data centers](#) (PaLM-2 by comparison was trained in a single facility)
- Big tech discussing building **gigawatt-scale campuses**, citing the massive compute needed to support AI models

An illustration of the campus plans for Cumulus Data, which is creating a nuclear-powered data center in Salem, Pennsylvania.

<https://www.datacenterfrontier.com/hyperscale/article/55021675/the-gigawatt-data-center-campus-is-coming>

The CMA recently published a Foundation Models update paper identifying 3 key interlinked risks to fair, effective, and open competition

Figure 2 - Illustration of the presence of GAMMA firms across the FM value chain²⁷



- Big tech has greater access to compute, data and expertise
- Increasing integration of foundation models into other systems
- Increasing vertical integration of the value chain

<https://www.gov.uk/government/publications/ai-foundation-models-update-paper>

We need stronger international cooperation on AI to ensure frontier labs don't have monopoly over what the future will look like

* IDAIS



Profiles:

- [Fynn Heide](#) - Research Scholar at GovAI
- [Brian Tse](#) - Founder and CEO at Concordia AI
- [Renata Dwan](#) - Special Adviser to the UN Tech Envoy

Career choices are influenced by one's vision: What are the priorities & gaps, and how do you think you can contribute to them?

- Talk to lots of people & build a network
- Find people whose profile you'd like to learn more about
- Stand for something - build a profile
- Be entrepreneurial - show that you can produce output and think independently

Thank you!

