

## CAIDP Update 5.01

Reflecting on the Year in AI: Top Moments and Insights from 2022

*January 9, 2023*

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Hello and welcome to the first newsletter of the year from the Center for AI and Digital Policy! In this issue, we'll be reflecting on some of the top moments and insights from the past year in the world of AI.

We'll be taking a look back at some of the major developments in the field, highlighting key trends and emerging technologies that we believe will shape the future of AI.

We hope you find this newsletter informative and thought-provoking, and we look forward to continuing the conversation with you throughout the year. Thank you for your interest in the Center for AI and Digital Policy!

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### TOP 10 AI POLICY NEWS

#### White House Released Blueprint For an AI Bill of Rights

The White House released a [blueprint](#) to protect personal data from misuse by artificial intelligence algorithms that drive hiring, lending, and other business decisions.

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#### European Council Finalizes Text on EU AI Act

The European Council adopted a [common position \(general approach\)](#) on the AI Act. This allows for negotiations to begin between the Council and the European Parliament once the Parliament has adopted its own position.

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#### China Regulations for Recommendation Algorithms Takes Effect

China has implemented [new regulations](#) aimed at restricting tech companies' use of

[algorithmic recommendations](#) and ensuring that users are informed when algorithms are being used to push content to them, allowing them to opt out if desired.

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## China Releases Draft of Law for Social Credit System

Several top government agencies in China released a draft law on the establishment of [the Social Credit System](#), marking the first time the country has attempted to systematically codify its past experiments with social credit and provide guidance for future implementation.

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## Advanced AI Models Released

In 2022, several advanced AI models were released, including text-to-image generators such as [Google's Imagen](#) and [OpenAI's DALL-E 2](#), as well as a chatbot called [ChatGPT](#) from OpenAI and a model called [Stable Diffusion](#) developed by Stability.AI. These models have been widely used by various industries, but have also faced controversy due to biases and misuse cases.

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## Data Scraping Practices at Meta Sanctioned with €265 million

[Irish Data Protection Commissioner](#) hit META with a [€265 million fine](#), the second-largest ever under the GDPR, for illegal data scraping practices on Facebook and Instagram.

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## NATO Takes Further Steps Towards Responsible Use of AI, Data, Autonomy and Digital Transformation

A NATO Defence Ministers' meeting has agreed to establish [a Review Board](#) to oversee the responsible development and use of AI and data across the NATO organization.

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## 44th Global Privacy Assembly Adopted Resolution on Facial Recognition Technology

Over 120 data protection authorities from around the world [adopted a resolution](#) regarding the appropriate use of personal information in facial recognition technology at the [Global Privacy Assembly](#), the worldwide conference of privacy commissioners.

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## AI Training Act Signed into Law

President Biden signed into law [the AI Training Act](#), which creates an artificial intelligence training program for federal procurement officials.

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## **UN Board Endorsed AI Ethics Principles**

The UN System Chief Executives Board endorsed the [Principles for the Ethical Use of Artificial Intelligence](#). The Principles are based on the [UNESCO Recommendation on the Ethics of Artificial Intelligence](#) and will guide all phases of AI system lifecycles among UN system organizations.

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## **10 AI POLICY CONTRIBUTIONS FROM CAIDP**

### **CAIDP released 'AI and Democratic Values' index (February 2022)**

CAIDP released [AI and Democratic Values index](#), a review of AI policies in 50 countries , and graduated a cohort of [AI policy researchers](#) in the Spring and Fall of 2022.

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### **CAIDP Submitted Recommendations to the European Parliament on the EU AI Act (May 2022)**

The [recommendations](#) were designed to provide guidance on the Act, which aims to ensure the protection of fundamental rights and promote the responsible use of artificial intelligence in the EU.

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### **CAIDP Launched a Campaign in Support of the AI Bill of Rights (May 2022)**

[The campaign](#) aimed to raise awareness of the need for a comprehensive legal framework to govern the development and use of AI, and to encourage the adoption of the AI Bill of Rights as a means of ensuring the responsible deployment of AI in society.

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### **CAIDP Launched a Campaign to Ban Facial Surveillance Technology (October 2022)**

Facial surveillance technology, which is now being deployed for a variety of purposes including human identification, behavioral assessment, and predictive analysis, is largely unregulated and has a far-reaching impact, leading us [to call for a ban](#) on its development, deployment, and use, as well as on other forms of mass biometric identification.

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### **CAIDP Participated in Meetings of the US National AI Advisory Committee and**

## Advocated for Compliance with the Federal Advisory Committee Act

CAIDP has raised concerns about the National Artificial Intelligence Advisory Committee's (NAIAC) failure to comply with the Federal Advisory Committee Act (FACA). The CAIDP has called for the NAIAC to take a series of actions to improve transparency, accountability, and public participation.

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## CAIDP Advised the UK Parliament on the Governance of AI (Nov 2022)

CAIDP provided specific comments on the current governance of AI in the UK and made recommendations for improvement.

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## CAIDP Sent Statement to the UN on AI and the Protection of Fundamental Rights (December 2022)

CAIDP sent a statement to the UN, urging changes to human rights reporting requirements to account for the impact of AI on fundamental rights.

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## CAIDP Urged EU-US Trade and Technology Council to Carry Forward Commitments on Democratic Values and Human Rights (December 2022)

In a statement to the Co-chairs, CAIDP has asked the Trade and Technology Council to implement the AI Bill of Rights and the OECD AI Principles. CAIDP also called for a moratorium on AI that violates international human rights.

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## CAIDP Hosted Leading AI Decisionmakers at Events and Conferences

CAIDP hosted several events and international conferences that featured leading AI decisionmakers, including Anu Bradford, Brando Benefei, Josh Chin and Liza Ling, Renee Cummings, Jibu Elias, Gabriel Ramos, Stuart Russell, David Sanger, Keith Sonderling, Gregor Stojin, and Thomas Schneider.

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## CAIDP Published Articles on AI Policy in Several Publications

CAIDP published articles on AI policy in several publications, including Communications of the ACM, the Council on Foreign Relations, the European Data Protection Law Review, The European Law Institute newsletter, The Hill, The New York Times, Techonomy, the Turkish Policy Quarterly, and the Washington Post.

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Chris Gillard, [\*Crime Prediction Keeps Society Stuck in the Past\*](#), Wired (Jan. 2, 2022)

"So long as algorithms are trained on racist historical data and outdated values, there will be no opportunities for change."

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Alex Thompson, [\*A Google billionaire's fingerprints are all over Biden's science office\*](#), Politico (Mar. 28, 2022)

"Eric Schmidt has long sought influence over U.S. science policy. Under Biden's former science chief, Eric Lander, Schmidt's foundation helped cover officials' salaries, even as the office's general counsel raised ethical flags."

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Karen Hao, [\*China Has a Problem With Data Leaks. One Reason Is Its Surveillance State\*](#), Wall Street Journal (July 21, 2022)

"To protect sensitive data, China's government has built one of the world's strictest cybersecurity and data-protection regimes. Despite those efforts, a thriving cross-border underground market has grown up around the trade in the data of Chinese citizens."

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Heather Vogel, [\*Rent Going Up? One Company's Algorithm Could Be Why\*](#), ProPublica (Oct. 15, 2022)

"Texas-based RealPage's YieldStar software helps landlords set prices for apartments across the U.S. With rents soaring, critics are concerned that the company's proprietary algorithm is hurting competition."

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Kate Kaye, [\*Inside Eric Schmidt's push to profit from an AI cold war with China\*](#), Protocol (Oct. 31, 2022)

"A prominent private-sector voice amplifying rhetoric that pits the U.S. against China in a battle for AI supremacy, Schmidt's borrowing from a Cold War-era playbook to urge the government toward decisions the AI industry wants it to make."

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Kevin Roose, [\*Did Artificial Intelligence Just Get Too Smart?\*](#), The New York Times (Dec. 16, 2022) (podcast)

"The power and potential of a technology called ChatGPT have led some to claim it heralds a new era in computing."

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"An MIT Technology Review series, supported by the MIT Knight Science Journalism Fellowship Program and the Pulitzer Center, investigating how AI is enriching a powerful few by dispossessing communities that have been dispossessed before."

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Justin Hendrix, [Researchers Find Stable Diffusion Amplifies Stereotypes](#), Tech Policy Press (Nov. 9, 2022)

"Text-to-image generators such as OpenAI's DALL-E, Stability.AI's Stable Diffusion, and MidJourney are all the rage. But, like other systems that require large sets of training data, outputs often reflect inputs, meaning the images such systems produce can be racist, misogynist, and otherwise problematic."

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Melissa Heikkila, [How it feels to be sexually objectified by an AI](#), MIT Technology Review (Dec. 13, 2022)

"Plus: How US police use counterterrorism money to buy spy tech."

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Gary Marcus, [An epic AI Debate—and why everyone should be at least a little bit worried about AI going into 2023](#) (Dec. 31, 2022)

"A time capsule of AI thought leaders in 2022 gives us a lot to think about, going forward."

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## AI AND DEMOCRATIC VALUES INDEX

CAIDP's [Artificial Intelligence and Democratic Values Index](#) evaluates national AI policies and practices.

The new report will be out in February 2023.



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It's rare to read a document that has the potential to influence national policies on artificial intelligence around the world. The **AI and Democratic Values index** gives me hope that AI policy efforts can improve human rights, social justice, and dignity.

- Professor Ben Shneiderman, author, *Human-Centric AI* (Oxford 2022), about the AIDV Index

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CENTER FOR AI AND DIGITAL POLICY

## GLOBAL ACADEMIC NETWORK (GAN) NEWS

### GAN Member

Emma Ruttkamp-Bloem is professor and head of the Department of Philosophy, Faculty of Humanities at the University of Pretoria. She is the coordinator of the Ethics of Artificial Intelligence Research Group at the Centre for Artificial Intelligence Research (CAIR) in South Africa, and chair of the Steering Committee

for the Southern African Conference for AI Research (SACAIR).



#### GAN Member

Seth Lazar is Professor of Philosophy at the Australian National University, an Australian Research Council (ARC) Future Fellow, and a Distinguished Research Fellow of the University of Oxford Institute for Ethics in AI. He has worked on the ethics of war, self-defence, and risk, and now leads the Machine Intelligence and Normative Theory (MINT) Lab.



#### GAN Member

Virginia Dignum is a professor in social and ethical AI, and Wallenberg chair on Responsible Artificial Intelligence. Her research focuses on the complex interconnections and interdependencies between people, organizations and technology.



## Tanner Lecture: AI and Human Values with Seth Lazar

Professor Seth Lazar, a member of CAIDP academic network will give the 2022-23 Tanner Lecture on AI and Human Values at Stanford University from January 24th to 26th. The Tanner Lectures, created by the late Obert C. Tanner, aim to promote and discuss academic and scientific understanding of human values.

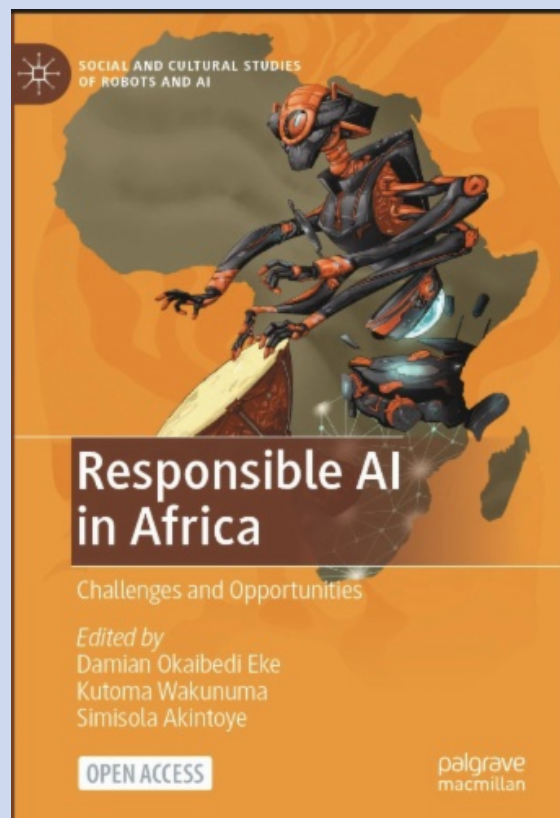


This event is co-hosted by The McCoy Family Center for Ethics in Society

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## Responsible AI in Africa: Challenges and Opportunities

"This book discusses AI ethics from theoretical and practical African perspectives  
Focuses on history of the industry, ethics, data privacy, surveillance, BigTech intrusions & globalization/colonization  
Explores the socio-cultural contexts of Responsible AI that is sensitive to African cultures and societies  
This book is open access, which means that you have free and unlimited access"



## Epistemic Just and Dynamic AI Ethics in Africa

Emma Ruttkamp-Bloem

"This chapter considers the potential for actualising the ideal for responsible AI on the African continent, focusing on the AI ethics policy environment in Africa. I consider the impact of context and culture on successful adoption of AI technologies in general and on trust in AI technology and openness to AI regulation in particular. It concludes that actionable AI ethics in Africa should be driven by dynamic and epistemic just ethical systems."

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## Responsible Artificial Intelligence: Recommendations and Lessons Learned

Virginia Dignum

"Artificial Intelligence (AI) has huge potential to bring accuracy, efficiency, cost savings

and speed to a whole range of human activities and to provide entirely new insights into behaviour and cognition. However, the way AI is developed and deployed for a great part determines how AI will impact our lives and societies. "

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## The Use of Gendered Chatbots in Nigeria: Critical Perspectives

Favour Borokini (CAIDP alumna), Kutoma Wakunuma & Simisola Akintoye

"In a bid to improve service delivery and efficiency in Nigeria, the use of conversational agents such as chatbots capable of providing round the clock responses is growing. This is gaining more traction in the financial sector, particularly in fintechs where there have been significant improvements in the last year."

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## AI POLICY CLINICS

Advance Your Career in AI Policy with Our Comprehensive Certification Program!

- Certification programs include requirements for research, writing, and policy analysis.
- Our intensive, interdisciplinary AI policy clinics go even further, teaching you the skills you need to succeed as a leader in the field.
- From AI history to current issues and institutions, regulation and policy frameworks, and research methods, we cover it all.
- Join the Inclusive Community of AI Policy Professionals at the GAIDP AI Policy Clinics! Our free, empowering program is designed to help you succeed. In our Fall 2022 cohort, we had over 150 participants from 61 countries.

**Join us and become a leader in the growing field of AI policy!**

Applications for the Spring 2023 semester has closed. We will open the applications for the the 2023 Fall Cohort in mid-March.

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Gender Equity and Social Inclusion Specialist- Certified Disabil...

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[+ Follow](#)

I applied to the [@Center for AI and Digital Policy](#) with lots of questions on my mind. I simply just wanted to gain knowledge that can help in improving the lives of women and children.

I knew Artificial Intelligence was a thing but I did not quite understand the intersection with gender.

Joining the Fall class of 2022 made me realize how wrong I was. I realized how much I had to learn if I was to remain relevant in ensuring the society is a better place.

The dedication of the [Center for AI and Digital Policy](#) team [Marc Rotenberg](#) [Larissa Zutter](#) [Merve Hickok](#) [Giuliano Borter](#) [Karine Caunes](#) was very enviable and has left a lasting impression on me. I thank my team lead Joel Kumwenda, my research partner Meha Jouini and my friend [Ubongabasi Obot](#) who pointed me in the right direction.

I have signed up to continually work towards ensuring that the principles of fairness, accountability, and transparency remains the lifewire of all AI systems.

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## AI POLICY EVENTS

- [Council of Europe, Committee on AI](#), 3rd Meeting, Strasbourg, January 11-13, 2023
- [Global Conference on Internet for Democracy](#), UNESCO, Paris, February 21-23, 2023

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## SUPPORT CAIDP

CAIDP aims to promote a better society, more fair, more just—a world where technology promotes broad social inclusion based on fundamental rights, democratic institutions, and the rule of law. Your contribution makes possible:

- Free AI policy training for future AI policy leaders across 60 countries
- [AI & Democratic Values Index](#) report covering 75 countries
- Weekly CAIDP Updates newsletter with global AI policy news
- The CAIDP website with free information about AI policy
- CAIDP's engagement with global AI policymakers
- Promotion of Public Voice opportunities to empower public engagement in AI policies and practices

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