

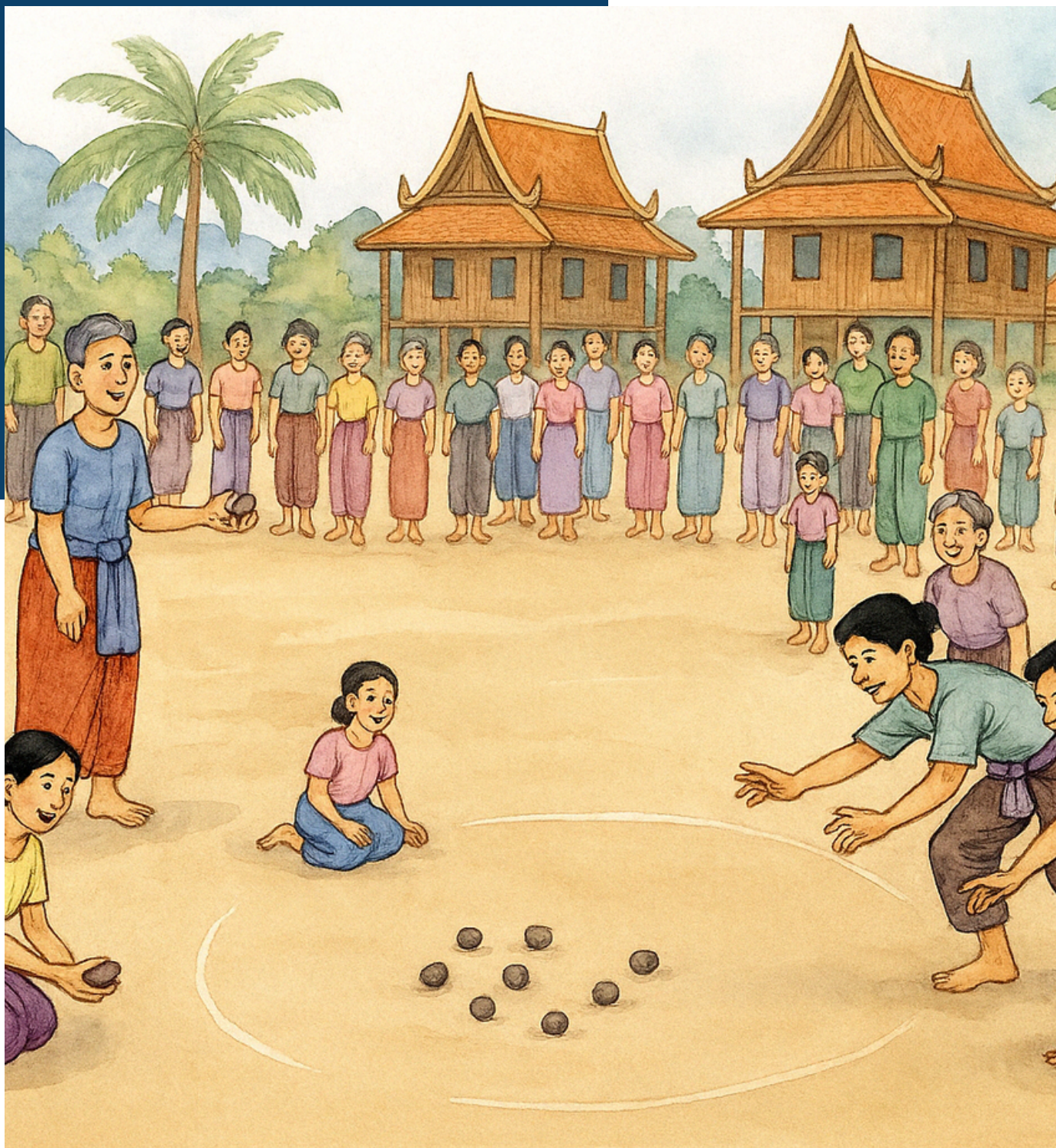
AI FORUM NEWSLETTER

[HTTPS://AIFORUM.MY.CANVA.SITE/LINKTREE](https://aiforum.my.canva.site/linktree)

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Prompt: The Khmer New Year, celebrated from April 13-16 in Cambodia, is a significant national celebration rooted in Buddhist customs and cultural heritage. It is a time for spiritual renewal, family bonding, and community unity. Cambodians return to hometowns to honor elders, make offerings, and participate in traditional games and dances.

Photo Credit: ChatGPT

01/06

1. News Bytes 20250414: Argonne's AI-based Reactor Monitor, AI on the Moon, TSMC under \$1B Penalty Threat, HPC-AI in Growth Mode

Source: [Inside AI News](#)

The April 14, 2025 edition of News Bytes highlights the growing relevance of AI across multiple domains. Argonne National Laboratory has developed an AI-powered digital twin for nuclear reactors, enhancing real-time monitoring, management, and training—demonstrating AI's crucial role in critical infrastructure and safety. Meanwhile, ambitious proposals to build AI data centers in space or on the Moon using space-based solar power reflect futuristic visions of sustainable, decentralized AI computation. Although not directly tied to AI, TSMC's potential \$1 billion penalty for U.S. project delays underscores the strategic importance of AI chip manufacturing and supply chain stability. Finally, the report notes continued growth in the high-performance computing (HPC) sector driven by AI integration, enabling faster and more efficient modeling, simulations, and analytics. Together, these developments emphasize AI's expanding impact from Earth's energy systems to space-based innovation.



Source: iStoke

Reference:
Staff. (2025, April 14). News Bytes 20250414: Argonne's AI-based Reactor Monitor, AI on the Moon, TSMC under \$1B Penalty Threat, HPC-AI in Growth Mode. *Inside AI News*.
<https://insideainews.com/2025/04/14/news-bytes-20250414-argonnes-reactor-monitor-ai-on-the-moon-tsmc-under-1b-penalty-threat-hpc-ai-in-growth-mode/>

2. China's Zhipu AI takes initial steps to an IPO

Source: [The Economic Times](#)

Chinese AI startup Zhipu AI, known for its GLM language models, is set to become the first among China's new wave of AI companies to go public. Founded in 2019, Zhipu has grown into a leading player in China's competitive AI sector, competing with startups like Moonshot AI, Minimax, ByteDance, and Alibaba. The company recently received three rounds of state-backed funding, including a \$300 million yuan investment from the Chengdu municipal government. Zhipu claims its flagship GLM4 model outperforms OpenAI's GPT-4 on several benchmarks and announced the open-sourcing of its GLM 32B and 9B models, highlighting a push for wider accessibility and cost-efficiency. The IPO process will be sponsored by China International Capital Corporation (CICC), which will conduct due diligence as part of the country's standard listing procedure.



Source: iStoke

Reference:
The Economic Times. (2025, April 15). *China's Zhipu AI takes initial steps to an IPO*.
<https://economictimes.indiatimes.com/tech/artificial-intelligence/chinas-zhipu-ai-takes-initial-steps-to-an-ipo/articleshow/120300765.cms?from=mdr>

3. NVIDIA to Manufacture American-Made AI Supercomputers in US for First Time

Source: [Nvidia](#)



Source: iStoke

NVIDIA has begun production of AI supercomputers and chips in the US for the first time, partnering with TSMC, Foxconn, Wistron, Amkor, and SPIL. The company is establishing over a million square feet of manufacturing space across Arizona and Texas, with Blackwell chip production starting at TSMC's Phoenix facility. The move marks a significant step in localizing AI supply chains, with NVIDIA aiming to produce up to \$500 billion in AI infrastructure in the US over the next four years. These developments are expected to support the rise of "AI factories" and create hundreds of thousands of jobs, strengthening economic security and supply chain resilience.

Reference:

Nvidia Newsroom. (2025, April 14). NVIDIA to Manufacture American-Made AI Supercomputers in US for First Time. *Nvidia*.
<https://blogs.nvidia.com/blog/nvidia-manufacture-american-made-ai-supercomputers-us/>

4. The quiet revolution. Audiences are increasingly turning to AI chatbots to get news

Source: [Euractiv](#)



Source: iStoke

A quiet but significant shift is transforming the way audiences consume news: increasingly, readers are turning to AI chatbots for interactive, personalized news experiences. Unlike traditional one-way reading, conversational AI allows users to ask follow-up questions, receive tailored summaries, and explore deeper context—redefining the article from a final product into the start of a dialogue. This trend is creating a new kind of reader, especially among younger generations, who prefer fast, filtered, AI-mediated content over full-length articles or static news sites. While AI excels at summarizing and mimicking style, experiments like Il Foglio's AI-generated newspaper underscore its limitations in originality and nuance, reinforcing the ongoing need for human editorial oversight. Yet, as AI becomes a regular feature in newsrooms and reader habits evolve, journalists may need to adapt by crafting content designed for both human and AI interpretation. This raises crucial questions about editorial authority, trust, and the future role of journalists in a landscape where readers increasingly expect real-time, conversational engagement with the news.

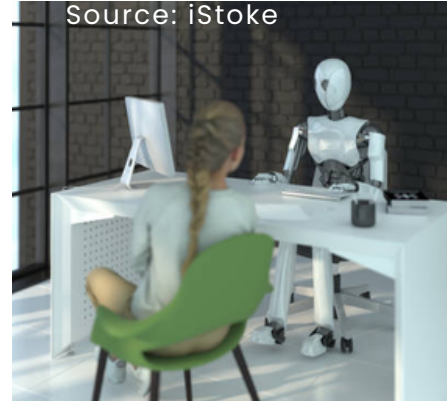
Reference:

Zajmi, X. (2025, April 17). The quiet revolution. Audiences are increasingly turning to AI chatbots to get news. *Euractiv*.
<https://www.euractiv.com/section/tech/news/the-quiet-revolution-audiences-are-increasingly-turning-to-ai-chatbots-to-get-news/>

5. Ethics by Design: Conversations on Ethical AI at RAM Hyderabad

Source: [UNESCO](#)

At the recent “Ethics by Design: Conversations on Ethical AI” consultation held on April 8, 2025, in Hyderabad, stakeholders came together to explore how Artificial Intelligence (AI) can be developed and deployed responsibly. This marked the third in a series of five nationwide events co-organized by UNESCO and India’s Ministry of Electronics and Information Technology (MeitY), aimed at creating an India-specific AI policy rooted in ethics and inclusion. At the heart of the discussion was the AI Readiness Assessment Methodology (RAM), a UNESCO-developed tool used in over 60 countries to assess the ethical and governance preparedness of AI ecosystems. The session emphasized that ethics is not optional, with leaders like Shri Jayesh Ranjan and UNESCO’s Tim Curtis stressing that AI development must be grounded in intentional, ethical design. Telangana’s AI roadmap—focusing on skilling, procurement, and startup support—was showcased as a model for inclusive growth. Overall, the consultation highlighted how AI ethics must be embedded throughout the AI lifecycle, positioning India as a proactive player in shaping a globally aligned, trustworthy AI future.



Source: iStoke

Reference:
UNESCO. (2025, April 15). *Ethics by Design: Conversations on Ethical AI at RAM Hyderabad*.
<https://www.unesco.org/en/articles/ethics-design-conversations-ethical-ai-ram-hyderabad>

6. How AI is decoding multi-omics data to boost health and longevity in Saudi Arabia

Source: [Arab News](#)

Saudi Arabia is integrating AI and multi-omics technologies to improve its healthcare system, aiming to deliver personalized, preventive care as part of its Vision 2030 agenda. Rewind, a company using AI, is leading the way in analyzing complex biological data, enabling early disease detection and tailored treatment strategies. The Saudi Genome Program and Hevolution Foundation investments demonstrate the country's commitment to longevity science and health innovation. Despite challenges like fragmented data systems and ethical data governance, Saudi Arabia is positioning itself as a pioneer in AI-driven, proactive healthcare.



Source: iStoke

Reference:
Hussain, W. (2025, April 17). How AI is decoding multi-omics data to boost health and longevity in Saudi Arabia. *Arab News*.
<https://www.arabnews.com/node/2597514/saudi-arabia>

PUBLICATIONS

AIF Insights No. 7 (2025) | AI, Cyberspace, and ICTs: Untangling the Digital Universe

Source: [AI Forum](#)

This paper explores the evolving landscape of Artificial Intelligence (AI), Cyberspace, and Information and Communication Technologies (ICTs), emphasizing the crucial role of society and human agency in defining and governing AI. While AI often mimics human cognition to aid decision-making, its development, application, and ethical oversight must remain rooted in human values and societal needs. The study underscores that ambiguous definitions and externally imposed technological frameworks risk creating legal and ethical gaps, particularly in developing nations. As AI becomes more embedded in critical infrastructures, this work calls for locally contextualized terminology, ethical governance, and inclusive policy-making that prioritizes human-centric outcomes. Integrated and harmonized governance—led by people, not just machines—remains key to shaping AI as a tool for societal good.

Reference:

Chhem, S., Hul, S., Lim, P. C., & Ros, S. (2025, April 9). *AI, Cyberspace, and ICTs: Untangling the Digital Universe*. AI Forum. <https://www.aiforumcambodia.org/?publication=aif-insights-no-7-2025-ai-cyberspace-and-icts-untangling-the-digital-universe>

Artificial Intelligence (AI) is becoming a pivotal force in shaping economies, governance, education, and human development worldwide. For developing countries like Cambodia, AI presents a critical opportunity to transition from low-value economic activities to a competitive digital economy. This paper emphasizes that the governance of AI cannot be left to engineers alone. While technical expertise is essential for building and deploying AI systems, engineers may not fully address broader societal concerns such as ethical implications, equity, legal accountability, and cultural sensitivities. Effective AI governance requires an inclusive approach that integrates diverse perspectives—combining technical knowledge with ethical frameworks, interdisciplinary collaboration, and strategic policy planning—to ensure AI development is equitable, responsible, and aligned with national and human development goals.

AIF Insights No. 8 (2025) | Who Should Govern AI?

Source: [AI Forum](#)

Reference:

Chhem, R. (2025, April 9). *Who Should Govern AI?*. AI Forum. <https://www.aiforumcambodia.org/?publication=aif-insights-no-8-2025-who-should-govern-ai>

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