

AI FORUM NEWSLETTER

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

Vong Sokchearavy
Vin Sambratha
San Vichheka



Friday, October 18, 2024
ISSUE NO. 7



Prompt: A vibrant celebration of the 20th anniversary of Cambodia's accession to the World Trade Organisation (WTO). The scene features a large outdoor venue with a backdrop of Phnom Penh's skyline, including iconic landmarks like the Royal Palace and Independence Monument. Cambodian flags and WTO logos are prominently displayed. Traditional dancers in colorful, intricate costumes perform on stage, while the audience, dressed in both modern and traditional attire, applauds. Banners and decorations highlight the theme of international cooperation and economic progress. Fireworks light up the night sky, symbolizing 20 years of Cambodia's growth and global integration.

Photo Credit: ChatGPT

1. China Telecom trains AI model with 1 trillion parameters on domestic chips

Source: [AI News](#)

China Telecom has successfully trained large language models using domestically-produced chips, demonstrating its ability to innovate despite US restrictions on advanced semiconductors. This shift away from foreign reliance is reshaping China's AI landscape, fostering resilience, and solidifying its position in the global tech race. China's success demonstrates the importance of self-sufficiency in cutting-edge technology in a fragmented global economy.



Source: Unsplash

Reference:

Zulhusni, M. (2024, October 10). China Telecom trains AI model with 1 trillion parameters on domestic chips. *AI News*.
<https://www.artificialintelligence-news.com/news/china-telecom-trains-ai-model-with-1-trillion-parameters-on-domestic-chips/>

2. Innovative machine learning uses transforming business applications

Source: [AI News](#)



Source: Unsplash

Reference:

Sire, T. (2024, October 15). Innovative machine learning uses transforming business applications. *AI News*.
<https://www.artificialintelligence-news.com/news/innovative-machine-learning-uses-transforming-business-applications/>

Machine learning (ML) is revolutionizing business operations across industries by automating processes, enhancing decision-making, and improving customer experiences. Its ability to analyze vast datasets allows businesses to optimize performance and uncover growth opportunities. Applications include personalized customer experiences, supply chain management, predictive maintenance, human resources recruitment, employee engagement, and career development. As AI technologies advance, ML will continue to open new possibilities for businesses.

3. With AI warning, Nobel winner joins ranks of laureates who've cautioned about the risks of their own work

Source: [CNN](#)



Source: Unsplash

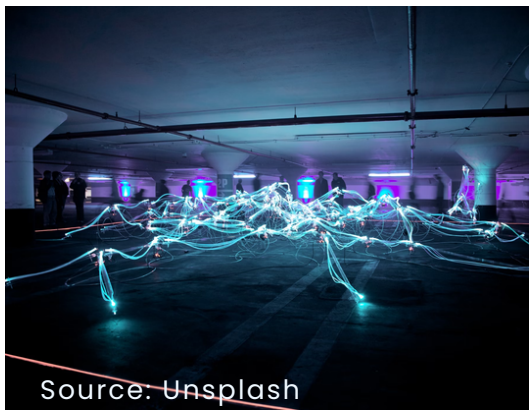
Reference:

Tirrell, M. (2024, October 13). With AI warning, Nobel winner joins ranks of laureates who've cautioned about the risks of their own work. *CNN*.
<https://edition.cnn.com/2024/10/13/health/nobel-laureate-warnings-ai/index.html>

Geoffrey Hinton, the "godfather of AI," has been awarded the Nobel Prize in Physics for his work on artificial neural networks. He compared AI's impact to the Industrial Revolution, highlighting its potential to surpass human intellectual abilities. Hinton's warnings follow a tradition of Nobel laureates who warned about the potential dangers of AI's development and use. Examples include Frederic Joliot and Irene Joliot-Curie's 1935 discovery of radioactive atoms, Sir Alexander Fleming's 1945 warning of antibiotic resistance, Paul Berg's 1980 Nobel for recombinant DNA, and Jennifer Doudna's 2020 warning about gene editing. These warnings highlight the need for responsible and safe use of AI as it advances.

4. Responsible AI: Cambodia accelerates efforts on governance and ethical use

Source: [Khmer Times](#)



Source: Unsplash

Reference:

Sokhean, B. (2024, October 18). Responsible AI: Cambodia accelerates efforts on governance and ethical use. *Khmer Times*.
<https://www.khmertimeskh.com/501575910/responsible-ai-cambodia-accelerates-efforts-on-governance-and-ethical-use/>

Cambodia, led by the Ministry of Post and Telecommunications (MPTC), is ramping up efforts to establish a robust AI governance framework. In collaboration with ASEAN, South Korea, and UNESCO, Cambodia aims to ensure ethical AI usage while addressing risks like deepfake fraud and cybersecurity. Key initiatives include digital literacy training, infrastructure improvements, and the development of a "Digital Cambodian" app to promote innovation. These efforts align with ASEAN's goals for responsible AI governance and regional competitiveness.

5. Amazon bets on nuclear power to fuel future data center growth

Source: [Blue Tech Wave](#)



Source: Unsplash

Amazon's exploration of small modular reactors (SMRs) is key to supporting the growing energy demands of AI and data centers. With energy consumption expected to triple by 2030 due to AI advancements, Amazon's push for 5 gigawatts of nuclear power by 2039 could provide a scalable, clean energy solution. This move highlights how sustainable energy innovations like SMRs are essential for powering AI infrastructure efficiently, though challenges like waste management and regulatory approval remain.

Reference:

Theja Fiducia, V. (2024, October 17). Amazon bets on nuclear power to fuel future data center growth. *Blue Tech Wave*. <https://btw.media/it-infrastructure/amazon-bets-on-nuclear-power-to-fuel-future-data-center-growth/>

Source: Unsplash



6. White house considers expanding Nvidia and AMD's AI chip export limits to additional countries

Source: [TechCrunch](#)

The US government, in secret, has created a forum to debate restrictions on the exports of Nvidia and AMD AI chips to countries such as Saudi Arabia and the United Arab Emirates, countries that may invest in the AI sector, for the reason that American AI chips are viewed by the White House as the most important enabler in advancing the globe. This conversation took place for the sake of national security, given the fact that investments in technology by American OpenAI funds drastically contrast with the ones in the Persian Gulf. The US banned the advanced AI chip in 40 nations last year due to the chance that the chips would be indirectly exported to China.

Reference:

Zeff, M. (2024, October 15). White house considers expanding Nvidia and AMD's AI chip export limits to additional countries. *TechCrunch*. <https://techcrunch.com/2024/10/15/white-house-considers-expanding-nvidia-and-amds-ai-chip-export-limits-to-additional-countries/>

Source: [The Sun](#)

7. South Korea seeks stronger AI governance cooperation with Malaysia, ASEAN

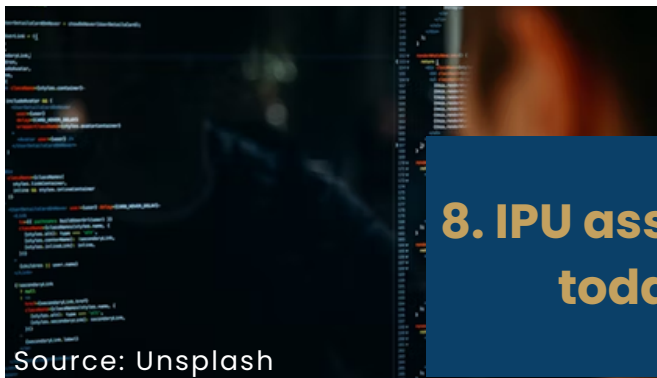


Source: Unsplash

South Korea seeks to strengthen ties with Malaysia and ASEAN on AI-related issues, focusing on intellectual property (IP) protection, cybersecurity, misinformation, and cross-border collaboration. Kwak Jae Woo, an IP lawyer, emphasized that South Korea's proactive AI regulations could serve as a model for ASEAN, especially as Malaysia assumes the ASEAN chairmanship. He recommended ASEAN adopt a unified AI governance framework, prioritizing cybersecurity and combating misinformation. Kwak also suggested creating a Regional Task Force and developing educational programs to address AI-generated content and align with international standards.

Reference:

Bernama. (2024, October 17). South Korea seeks stronger AI governance cooperation with Malaysia, ASEAN. *The Sun*.
<https://thesun.my/malaysia-news/south-korea-seeks-stronger-ai-governance-cooperation-with-malaysia-asean-KH13147519>



Source: Unsplash

8. IPU assembly to be held in Geneva from today; to address AI, tech ethics

Source: [Business Standard](#)

The 149th IPU Assembly, held in Geneva from 13th to 17th October 2024, focuses on how science, technology, and innovation, particularly artificial intelligence (AI), can support a peaceful and sustainable future. A key goal is to adopt a new Charter on the Ethics of Science and Technology, guiding the responsible use of technological advances for the benefit of society. Additionally, a resolution addressing AI's impact on democracy, human rights, and the rule of law will be discussed, emphasizing the need for legal frameworks to mitigate risks like misinformation and AI-generated violence.

Reference:

ANI. (2024, October 13). IPU assembly to be held in Geneva from today; to address AI, tech ethics. *Business Standard*.
https://www.business-standard.com/world-news/ipu-assembly-to-be-held-in-geneva-from-today-to-address-ai-tech-ethics-124101300029_1.html

References

1. Zulhusni, M. (2024, October 10). China Telecom trains AI model with 1 trillion parameters on domestic chips. *AI News*. <https://www.artificialintelligence-news.com/news/china-telecom-trains-ai-model-with-1-trillion-parameters-on-domestic-chips/>
2. Sire, T. (2024, October 15). Innovative machine learning uses transforming business applications. *AI News*. <https://www.artificialintelligence-news.com/news/innovative-machine-learning-uses-transforming-business-applications/>
3. Tirrell, M. (2024, October 13). With AI warning, Nobel winner joins ranks of laureates who've cautioned about the risks of their own work. *CNN*. <https://edition.cnn.com/2024/10/13/health/nobel-laureate-warnings-ai/index.html>
4. Sokhean, B. (2024, October 18). Responsible AI: Cambodia accelerates efforts on governance and ethical use. *Khmer Times*. <https://www.khmertimeskh.com/501575910/responsible-ai-cambodia-accelerates-efforts-on-governance-and-ethical-use/>
5. Theja Fiducia, V. (2024, October 17). Amazon bets on nuclear power to fuel future data center growth. *Blue Tech Wave*. <https://btw.media/it-infrastructure/amazon-bets-on-nuclear-power-to-fuel-future-data-center-growth/>
6. Zeff, M. (2024, October 15). White house considers expanding Nvidia and AMD's AI chip export limits to additional countries. *TechCrunch*. <https://techcrunch.com/2024/10/15/white-house-considers-expanding-nvidia-and-amds-ai-chip-export-limits-to-additional-countries/>
7. Bernama. (2024, October 17). South Korea seeks stronger AI governance cooperation with Malaysia, ASEAN. *The Sun*. <https://thesun.my/malaysia-news/south-korea-seeks-stronger-ai-governance-cooperation-with-malaysia-asean-KH13147519>
8. ANI. (2024, October 13). IPU assembly to be held in Geneva from today; to address AI, tech ethics. *Business Standard*. https://www.business-standard.com/world-news/ipu-assembly-to-be-held-in-geneva-from-today-to-address-ai-tech-ethics-124101300029_1.html