AI FORUM NEWSLETTER

HTTPS://AIFORUM.MY.CANVA.SITE/LINKTREE

Vong Sokcheararavy
Say Vithya Arthur

Friday, May 16, 2025
ISSUE NO. 32

Prompt: Cambodia's Royal Ploughing Ceremony ushers in the rice season with sacred rituals, royal presence, and blessings for a bountiful harvest

Photo Credit: ChatGPT

1. Insurers launch cover for losses caused by AI chatbot errors
ក្រុមហ៊ុនធានារ៉ាប់រងចាប់ផ្តើមផ្តល់ការធានារ៉ាប់រងសំរាប់ការខាតបង់ដែលបណ្តាលមកពីកំហុសរបស់បញ្ញាសិប្បនិមិត្ត

Source: Financial Times

Lloyd's of London has introduced a new insurance product to cover losses resulting from AI chatbot errors. The product, developed by Armilla, offers protection against legal claims, damages, and court costs if an AI tool underperforms or makes costly mistakes, such as generating false information. This move reflects growing concern over the reliability of AI systems, as high-profile incidents like Air Canada's chatbot inventing discounts demonstrate financial and reputational risks. Armilla's product provides more targeted protection, potentially encouraging broader adoption of AI technologies by reducing liability burden.

Source: iStoke

Reference:
Harris, L. & Heikkilä, M. (2025, May 12). Insurers launch cover for losses caused by AI chatbot errors. *Financial Times*. https://www.ft.com/content/1d35759f-f2a9-46c4-904b-4a78ccc027df

2. AI applications boost smart tourism in China
ប្រទេសចិនកំពុងតែលើកកម្ពស់វិស័យទេសចរណ៍ជាមួយនិងការប្រើប្រាស់ប្រព័ន្ធបញ្ញាសិប្បនិម្មិត (AI)

Source: Xinhuanet


Source: iStoke

AI is revolutionizing smart tourism in China, making travel more efficient, personalized, and enjoyable. AI-powered travel apps like DeepSeek, Kimi, and Doubao are popular for creating customized travel plans. Platforms like Tuniu and scenic areas like Huangshan and Mogao Grottoes are integrating AI assistants and VR experiences to enhance tourist engagement. Social media trends and growing adoption by tourism companies highlight AI's relevance in reshaping the tourism value chain. Experts believe AI is reshaping customer experiences and redefining the operational and structural landscape of the tourism industry, with potential for economic growth. Despite challenges like cross-disciplinary talent and high adaptation costs for smaller enterprises, AI integration is poised to define the next era of tourism in China.

Reference:
Xinhua. (2025, May 15). AI applications boost smart tourism in China. *Xinhuanet*. https://english.news.cn/20250515/e5166fd3c83d413da2ad3ec1a700eb67/c.html

3. China launches first of 2,800 satellites for AI space computing constellation

ការបាញ់បង្ហោះផ្កាយរណបដំបូងគេបង្អស់ក្នុងចំណោម ២,៨០០ របស់ប្រទេសចិនភាគច្រើនជាជំនួយពីបញ្ញាសិប្បនិម្មិត (AI) ដើម្បីបង្កើតបណ្តាញគណនាព័ត៌មានអន្តរកាណ

Source: Space News

China has launched the first 12 satellites of its planned 2,800-satellite "Three-Body Computing Constellation," marking a significant shift in space-based AI infrastructure. The initiative, led by ADA Space and Zhejiang Lab, aims to reduce dependence on ground-based computing by handling data processing in orbit. The satellites, equipped with 100 Gbps laser links, advanced remote sensing, and AI payloads, have a combined computing power of 5 peta operations per second. The project aligns with China's goal to become a global AI leader by 2030 and could redefine strategic competition in space. The integration of AI with orbital infrastructure enhances scientific and economic capabilities and signals the rise of space-based cloud computing in civilian and military applications.

Reference:
Jones, A. (2025, May 14). China launches first of 2,800 satellites for AI space computing constellation. *Space News*. https://spacenews.com/china-launches-first-of-2800-satellites-for-ai-space-computing-constellation/

4. How a new type of AI is helping police skirt facial recognition bans

បច្ចេកវិទ្យាថ្មីរបស់បញ្ញាសិប្បនិម្មិត (AI) កំពុងជួយប៉ូលីសលើសលើការព្យាករណ៍អត្តសញ្ញាណមនុស្ស តាមរយៈការស្កេនមុខ

Source: Mit Technology Review

Veritone's AI tool, Track, enables US police and federal agencies to bypass facial recognition bans by tracking people using non-biometric attributes like body size, clothing, hair style, and accessories. It is used by over 400 agencies, including the Department of Justice and Department of Homeland Security. Critics argue that Track enables mass surveillance and profiling, potentially expanding government monitoring of immigrants, protesters, and students. As biometric surveillance laws grow, tools like Track offer a powerful alternative, raising ethical and constitutional concerns. Critics argue that Track operates in a legal gray area, raising serious ethical and constitutional concerns.

Reference:
O'Donnell, J. (2025, May 12). How a new type of AI is helping police skirt facial recognition bans. *Mit Technology Review*. https://www.technologyreview.com/2025/05/12/1116295/how-a-new-type-of-ai-is-helping-police-skirt-facial-recognition-bans/

5. Canadian political biographies latest in rising pile of AI-generated books scamming customers online

ការក្លែងបន្លំជីវប្រវត្តិនយោបាយដោយការប្រើប្រាស់បញ្ញាសិប្បនិម្មិត(AI) របស់ប្រទេសកាណាដាកំពុងមានការកើនឡើងនៅលើប្រព័ន្ធអ៊ីនធឺណេត

Source: The Globe and Mail

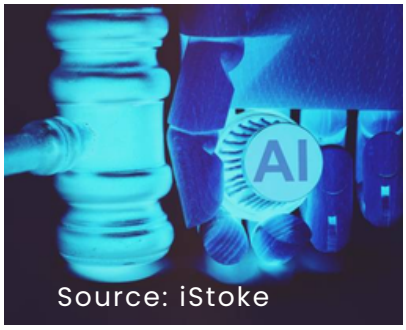
A surge of AI-generated books, including fake Canadian political biographies, is circulating on online platforms like Amazon, raising concerns about misinformation and market disruption. These books often feature untraceable authors, questionable grammar, and incorrect facts, often attributed to entities like cats. Writers, publishers, and advocacy groups like the Writers' Union of Canada warn that these books devalue authentic work, erode trust in nonfiction, and decrease sales during critical post-release periods. Despite Amazon's content guidelines and AI declaration rules, many such books continue to slip through, highlighting the growing risks posed by generative AI in the publishing industry.

Reference:
O'Kane, J. (2025, May 14). Canadian political biographies latest in rising pile of AI-generated books scamming customers online. *The Globe and Mail*. https://www.theglobeandmail.com/arts/books/article-fake-looking-potentially-ai-generated-books-on-amazon-find-market-for/

6. Lawyers urge AI legislation alongside reforms to existing laws

មេធាវីជំរុញអោយបង្កើតច្បាប់អំពីបញ្ញាសិប្បនិម្មិត(AI) និងកែសម្រួលលើច្បាប់ចាស់ៗ

Source: Free Malaysia Today



Malaysian legal experts are advocating for dedicated AI legislation and reforms to existing laws to address the growing risks posed by AI. They believe that Malaysia needs its own AI Act to fill liability gaps, define AI-generated content, and impose requirements like watermarking to prevent misuse. Recent controversies, such as AI-generated nude images and erroneous depictions of national symbols, have highlighted the urgency of this. Current laws like the Communications and Multimedia Act and Penal Code can partially be applied, but amendments are needed to create remedies for civil and criminal harms caused by AI.

Reference:
Tung, C. T. (2025, May 14). From AI to weapons, Trump's Gulf visit looks to swap politics for business. *Free Malaysia Today*. https://www.freemalaysiatoday.com/category/nation/2025/05/14/lawyers-urge-ai-legislation-alongside-reforms-to-existing-laws

PUBLICATIONS

AI Insights No. 11 (2025) | Abhidhamma-Inspired AI: Centering Cetana (Intention) with Theravada Ethical Insights in Technology

Source: AI Forum

Reference:
Cheab, S. & Chhem, K. R. (2025, May 5). *Abhidhamma-Inspired AI: Centering Cetana (Intention) with Theravada Ethical Insights in Technology*. AI Forum. https://www.aiforumcambodia.org/publications/ai-insights-no-11-2025-abhidhamma-inspired-ai-centering-cetana-intention-with-theravada-ethical-insights-in-technology/

As artificial intelligence (AI) increasingly influences critical aspects of human life, the need for ethical, human-centered design has grown urgent. This article explores the potential of the Abhidhamma—a foundational text in Theravada Buddhist philosophy—as a source of ethical guidance for AI development. The Abhidhamma offers a detailed psychological framework based on mental processes, emphasizing the ethical significance of intention (cetana), the concept of non-self (anattā), and the cultivation of compassion (karuṇā). Unlike Western ethical traditions that emphasize fixed rules or stable character traits, Buddhist ethics focuses on moment-to-moment awareness and the mental qualities shaping action. The article argues that incorporating principles from the Abhidhamma into AI design could foster systems that are adaptive, compassionate, and aligned with human well-being. Such an approach encourages AI to function not merely as a tool but as a thoughtful companion, promoting emotional clarity and reducing suffering. This fusion of ancient wisdom and modern technology offers a path toward more ethical and responsive AI systems.

PUBLICATIONS

AI Insights No. 12 (2025) | The Rise of Chinese Open-Source AI: Implications for Global AI Governance and Innovation

Source: AI Forum

This article examines the rapid emergence of China as a major force in artificial intelligence (AI), particularly through its strategic deployment of open-source large language models such as Alibaba's Qwen3 and DeepSeek. Narrowing the performance gap with U.S. AI models to just 0.3%, these advancements signify a transformative moment in global AI dynamics. The author explores the geopolitical and cultural underpinnings of China's open-source strategy, highlighting how government-backed infrastructure, collectivist cultural values, and regional AI ecosystems like Hangzhou's "Cloud Valley" are shaping an alternative model of innovation. In contrast to the increasingly closed and commercial direction of Western firms, China's approach emphasizes accessibility, ecosystem growth, and influence in the Global South. The article offers policy recommendations for both emerging and developed economies, urging them to reconsider regulatory frameworks, invest in sovereign AI capabilities, and support ethical multilateral governance. Ultimately, the study positions China's open-source AI paradigm as a powerful driver of inclusive technological development and a catalyst for a multipolar global AI order.

Reference:

Chhem, K. R. (2025, May 5). *The Rise of Chinese Open-Source AI: Implications for Global AI Governance and Innovation*. AI Forum. https://www.aiforumcambodia.org/publications/ai-insights-no-12-2025-the-rise-of-chinese-open-source-ai-implications-for-global-ai-governance-and-innovation

PUBLICATIONS

AI Insights No. 13 (2025) | Enhancing Clinical Documentation in Internal Medicine: The Role of AI-Powered Tools

Source: AI Forum

Clinical documentation is a cornerstone of internal medicine, vital for quality care, accurate diagnosis, and legal compliance. However, the growing administrative burden has contributed to clinician burnout and reduced patient interaction. This paper explores the transformative potential of artificial intelligence (AI)-powered documentation tools in internal medicine. Drawing on recent studies, it outlines how AI tools—especially those utilizing natural language processing—can automate clinical note generation, improve documentation accuracy, and enhance physician-patient interactions. The benefits include increased efficiency, reduced clerical workload, and diminished physician burnout. Despite these advantages, challenges persist in terms of AI reliability, privacy concerns, and integration with electronic health records. The paper concludes by recommending strategies for ethical implementation, seamless integration, and clinician training to fully realize AI's potential in improving clinical documentation workflows.

Reference:

Chhem, S. (2025, May 6). *Enhancing Clinical Documentation in Internal Medicine: The Role of AI-Powered Tools*. AI Forum. https://www.aiforumcambodia.org/publications/ai-insights-no-13-2025-enhancing-clinical-documentation-in-internal-medicine-the-role-of-ai-powered-tools/

AI Insights No. 14 (2025) | Machine Translation: Bridging Khmer Language and Large Language Models (LLMs)

Source: AI Forum

While the development of large language models (LLMs), specifically for the Khmer language, is constrained by both computational resources and the availability of quality training data, this paper presents a strategic direction highly relevant to artificial intelligence and machine learning engineers and developers working with the Khmer language. This paper highlights the significant role of high-quality machine translation in advancing Khmer natural language processing (KNLP). It argues that improving machine translation between Khmer and high-resource languages is currently the most viable approach to fully leverage LLMs and other advanced models for the Khmer language, at least in the short term.

Reference:

Buoy, R., Chenda, S., Taing, N. & Kong, M. (2025, May 9). *Machine Translation: Bridging Khmer Language and Large Language Models (LLMs)*. AI Forum. https://www.aiforumcambodia.org/publications/ai-insights-no-14-2025-machine-translation-bridging-khmer-language-and-large-language-models-llms/

PUBLICATIONS

AI Insights No.15 (2025) | From Grain to Chip: Cambodia's Journey into the Semiconductor Era

Source: AI Forum

This special address outlines Cambodia's aspirational journey into the global semiconductor industry, positioning itself as an emerging player in a rapidly transforming technological landscape. Drawing a parallel between the nation's historical reliance on rice and a future shaped by silicon chips, the author envisions a bold transformation powered by innovation, education, and strategic geopolitical positioning. The speech emphasizes a phased national ascent—from foundational investments in education and infrastructure to integration into global supply chains and eventual silicon sovereignty. With Cambodia's neutral stance amid U.S.-China tensions, it is portrayed as a potential hub for semiconductor diversification. Framed not merely as industrial ambition but as a civilizational leap, the vision celebrates Cambodia's potential to shape the future while honoring its rich cultural past.

Reference:
Chhem, K. R. (2025, May 10). *From Grain to Chip: Cambodia's Journey into the Semiconductor Era*. AI Forum. https://www.aiforumcambodia.org/publications/ai-insights-no-15-2025-from-grain-to-chip-cambodias-journey-into-the-semiconductor-era/

AI Insights No. 16 (2025) | Catuṣkoṭi and Non-Binary Reasoning in Artificial Intelligence

Source: AI Forum

This article explores the application of catuṣkoṭi, a four-fold logic system rooted in Buddhist Madhyamaka philosophy, as a framework for advancing artificial intelligence (AI), particularly in areas where binary logic falls short. Classical Aristotelian logic, foundational to most AI systems, operates on binary distinctions (true or false), which often prove inadequate for modeling ambiguity, contradiction, and ethical complexity. Catuṣkoṭi introduces a non-binary alternative by allowing propositions to be true, false, both, or neither—offering a richer, more flexible basis for reasoning. The authors argue for integrating this logic into AI domains such as natural language processing (NLP) and ethical decision-making. They highlight how a catuṣkoṭi-based approach can better interpret culturally nuanced expressions and ethical dilemmas that resist binary classification. The article calls for epistemic pluralism in AI development to foster more inclusive, culturally sensitive, and philosophically robust systems. This integration, the authors contend, is essential for creating intelligent machines that align more closely with human cognition and diverse moral frameworks.

Reference:
Chhem, K. R. (2025, May 14). *Catuṣkoṭi and Non-Binary Reasoning in Artificial Intelligence*. Ai Forum. https://www.aiforumcambodia.org/publications/ai-insights-no-16-2025-catu%e1%b9%a3ko%e1%b9%adi-and-non-binary-reasoning-in-artificial-intelligence/

News References

1. Harris, L. & Heikkilä, M. (2025, May 12). Insurers launch cover for losses caused by AI chatbot errors. *Financial Times*. https://www.ft.com/content/1d35759f-f2a9-46c4-904b-4a78ccc027df
2. Xinhua. (2025, May 15). AI applications boost smart tourism in China. *Xinhuanet*. https://english.news.cn/20250515/e5166fd3c83d413da2ad3ec1a700eb67/c.html
3. Jones, A. (2025, May 14). China launches first of 2,800 satellites for AI space computing constellation. *Space News*. https://spacenews.com/china-launches-first-of-2800-satellites-for-ai-space-computing-constellation/
4. O'Donnell, J. (2025, May 12). How a new type of AI is helping police skirt facial recognition bans. *Mit Technology Review*. https://www.technologyreview.com/2025/05/12/1116295/how-a-new-type-of-ai-is-helping-police-skirt-facial-recognition-bans/
5. O'Kane, J. (2025, May 14). Canadian political biographies latest in rising pile of AI-generated books scamming customers online. *The Globe and Mail*. https://www.theglobeandmail.com/arts/books/article-fake-looking-potentially-ai-generated-books-on-amazon-find-market-for/
6. Tung, C. T. (2025, May 14). From AI to weapons, Trump's Gulf visit looks to swap politics for business. *Free Malaysia Today*. https://www.freemalaysiatoday.com/category/nation/2025/05/14/lawyers-urge-ai-legislation-alongside-reforms-to-existing-laws

Publications References

1. Cheab, S. & Chhem, K. R. (2025, May 5). *Abhidhamma-Inspired AI: Centering Cetana (Intention) with Theravada Ethical Insights in Technology*. AI Forum. https://www.aiforumcambodia.org/publications/ai-insights-no-11-2025-abhidhamma-inspired-ai-centering-cetana-intention-with-theravada-ethical-insights-in-technology/
2. Chhem, K. R. (2025, May 5). *The Rise of Chinese Open-Source AI: Implications for Global AI Governance and Innovation*. AI Forum. https://www.aiforumcambodia.org/publications/ai-insights-no-12-2025-the-rise-of-chinese-open-source-ai-implications-for-global-ai-governance-and-innovation
3. Chhem, S. (2025, May 6). *Enhancing Clinical Documentation in Internal Medicine: The Role of AI-Powered Tools*. AI Forum. https://www.aiforumcambodia.org/publications/ai-insights-no-13-2025-enhancing-clinical-documentation-in-internal-medicine-the-role-of-ai-powered-tools/
4. Buoy, R., Chenda, S., Taing, N. & Kong, M. (2025, May 9). *Machine Translation: Bridging Khmer Language and Large Language Models (LLMs)*. AI Forum. https://www.aiforumcambodia.org/publications/ai-insights-no-14-2025-machine-translation-bridging-khmer-language-and-large-language-models-llms/
5. Chhem, K. R. (2025, May 10). *From Grain to Chip: Cambodia's Journey into the Semiconductor Era*. AI Forum. https://www.aiforumcambodia.org/publications/ai-insights-no-15-2025-from-grain-to-chip-cambodias-journey-into-the-semiconductor-era/
6. Chhem, K. R. (2025, May 14). *Catuṣkoṭi and Non-Binary Reasoning in Artificial Intelligence*. Ai Forum. https://www.aiforumcambodia.org/publications/ai-insights-no-16-2025-catu%e1%b9%a3ko%e1%b9%adi-and-non-binary-reasoning-in-artificial-intelligence/