**[Entrepreneurship and Emerging Technologies Minitrack](https://hicss.hawaii.edu/tracks-59/knowledge-innovation-and-entrepreneurial-systems/" \l "entrepreneurship-and-emerging-technologies-minitrack)**

Entrepreneurs identify and pursue opportunities to create value under conditions of uncertainty. The growth of emerging technologies such as artificial intelligence (AI), blockchain, and quantum computing in entrepreneurship has begun. For example, advances in AI bring new opportunities for value creation, enabling fewer individuals to accomplish more than ever. From entirely new business opportunities to increased efficiency and automation within business processes. Meanwhile, blockchain and Web 3.0 enables different business models creating an opportunity to put users at the center of the system and upend centralized corporate control. Finally, opportunities to leverage quantum computing are just emerging given the extreme levels of investment required. It is largely unknown how entrepreneurs will extend and apply the capabilities in more mainstream markets. This minitrack centers on understanding how these emerging technologies influence entrepreneurship at the micro, meso, and macro levels.

At the micro level, this could include perceptions of AI and individual differences that influence if and how an organization leverages AI capabilities. Are the skills and resources required to grow an entrepreneurial venture evolving in light of these technologies, and if so, how are they developed? Do users really value regaining control of their data and the value associated with it? How should individuals interact with AI, and how do those interactions influence the individuals? What potential risks are associated with using AI for startups and customers? How will AI influence our decision-making processes?

At the meso level, this includes new businesses built on the technologies along with the new business models they enable. Frameworks that understand and guide the various ways entrepreneurs can effectively leverage these technologies are needed. Blockchain relies on expansive network effects which can create a challenge to achieve initial scale. Quantum computing likely requires large investments only achievable for large corporations, government entities, and extremely well capitalized startups. Alternatively, AI enables smaller groups of individuals to expand their impact and grow larger firms, yet the influence on organizational structure, organizational culture, and fundraising remains largely unknown.

At the macro level, what is the entrepreneurial ecosystem’s role, and how can the ecosystem provide the training and infrastructure required for entrepreneurs to adopt the technology successfully? Is there a risk of too much AI adoption, especially in the ecosystem coordination process? Can ecosystems help facilitate the network scaling needed for successful blockchain businesses? Additionally, AI is already being integrated into deal vetting processes. Can AI develop intuition, which is currently viewed as essential in assessing investment opportunities? Do the cost and barriers to scale inhibit the opportunity for small startups to innovate and drive creative destruction? Will this motivate more collaboration between startups and large corporations? If so, who will have access to these opportunities, or will these technologies result in even more exclusion of historically underrepresented groups?

We encourage the submission of both theoretical and empirical papers, and all types of methods (qualitative or quantitative) are welcome. Topics of interest include, but are not limited to, the following:

1. Strategies for Implementing AI in Entrepreneurship
2. Technology – Task Fit
3. Factors Influencing Technology Adoption
4. Entrepreneurial Training and Emerging Technologies
5. Emerging Technologies and Equity Outcomes
6. Ethics and Risks Associated with Entrepreneurial AI Application
7. AI Influence on Organizational Structure
8. Emerging Technology Influence on Business Models
9. Opportunity Identification Through AI
10. Entrepreneurial Ecosystems & Emerging Technologies
11. Quantum Computing Infrastructure for Entrepreneurs
12. Technology Influence on Diversity and Inclusivity in Entrepreneurship

Entrepreneurship remains the core strategy for economic development and innovation, and artificial intelligence stands to influence all aspects of entrepreneurship. Entrepreneurial ecosystems may play a critical role in facilitating the adoption of AI. Nascent research on this intersection underscores the importance of theoretical development and empirical analysis.

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