

Artificial Intelligence and Entrepreneurship MiniTrack

Entrepreneurs identify and pursue opportunities to create value under conditions of uncertainty. The era of artificial intelligence (AI) in entrepreneurship has begun, with advances in AI bringing new opportunities for value creation and enabling fewer individuals to accomplish more than ever. From entirely new business opportunities to increased efficiency and automation within business processes. This minitrack centers on understanding how artificial intelligence influences 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 the technology, and if so, how are they developed? 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 technology along with startup efficiencies enabled by AI. Frameworks that understand and guide the various ways entrepreneurs can effectively leverage the technology are needed. The technology 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? Additionally, AI is already being integrated into deal vetting processes. Can AI develop intuition, which is essential in assessing investment opportunities? How AI will shape deal analysis and investment decisions remains unexamined. In a field that has been criticized for a lack of inclusivity, will AI create a more level playing field or perpetuate inequitable allocations of funds?

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:

- Strategies for Implementing AI in Entrepreneurship
- Technology – Task Fit

- Factors Influencing AI Adoption
- Entrepreneurial Training and AI
- AI Adoption and Equity Outcomes
- Ethics and Risks Associated with Entrepreneurial AI Application
- Employee-AI Collaboration
- AI Influence on Organizations
- AI Influence on Business Models
- Opportunity Identification Through AI
- Market Analysis and Forecasting
- Deal Evaluation Through AI
- AI Influence on Investment & Fundraising
- Entrepreneurial Ecosystems & AI
- AI Infrastructure for Entrepreneurs
- AI and Network Efficiency
- AI Influence on Diversity and Inclusivity in Entrepreneurship

The Hawaii International Conference on System Sciences (HICSS – <https://hicss.hawaii.edu/>) is an interdisciplinary forum and highly interactive working environment for top scholars and industry professionals. Research presented and published in HICSS proceedings are highly cited and globally impactful.

Submit a paper by June 15, 2024 here: <https://hicss.hawaii.edu/authors/>

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