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Date & Time:

22 Sep 2026 (Tuesday)
10:30 am – 12:00 pm



Venue:

EA Auditorium
9 Engineering Dr 1,
Singapore 117575



Hosted by:

Prof. Yang Hui Ying
MSE, NUS

MSE Student Life Proudly Presents:

Join us for an inspiring
conversation with the CEOs:

Dr. Lipeng Lai

Co-founder and

Chief Innovation Officer, XtalPi



MSE Industrial Advisory Board (IAB) Member



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Dr. Lipeng Lai, co-founder and Chief Innovation Officer of XtalPi, holds dual Bachelor's degrees from Peking University, a Ph.D. in Physics from the University of Chicago, and completed postdoctoral research at MIT. His honors include Shenzhen Overseas High-Level Talent, the 5th BRICS Youth Innovation Award, Hurun China Under 40s 2024, and 2024 Forbes China Leaders in Technology and Innovation. He currently leads the XtalPi Innovation Center, developing AI-driven platforms for peptides, mRNA/siRNA, and virtual cell technologies to advance therapeutic discovery and clinical translation.



Title: AI for Science: Driving Innovation, Impact, and Value



Abstract: In this talk, I will trace XtalPi's journey from a conceptual idea at MIT to a successful IPO, using our story to illustrate how artificial intelligence is transforming the life sciences. I will share our perspective on how AI is revolutionizing the discovery and development of new therapies, as well as accelerating broader scientific research. Finally, we will explore the unique opportunities AI creates for scientific innovation, and how we can best harness these advancements to drive both meaningful social impact and significant commercial value.



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