

Navigating AI Technology, Industry Shifts, and Future Trends

- 강사: 윤성희 박사
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Abstract:

This seminar explores the transformative impact of artificial intelligence (AI) across industries and society. In this talk we provide an in-depth analysis of AI's evolution, from its foundational technologies like machine learning (ML) and deep learning (DL) to breakthroughs such as transformers and large language models (LLMs). Key milestones, including AlphaGo, ChatGPT, and AlphaFold, are highlighted to illustrate AI's rapid advancements and its potential to revolutionize fields like healthcare, manufacturing, and creative industries.

A significant focus is placed on the rise of AI agents and multimodal AI systems, which integrate text, audio, and visual data to mimic human cognitive abilities. The discussion covers their applications in scientific research, environmental monitoring, and customer service, as well as future trends like ubiquitous AI integration and personalized experiences. The speaker also addresses the ethical considerations and societal implications of AI, emphasizing the need for transparency, fairness, and responsible innovation to ensure trust and alignment with human values.

Biography:

Sunghee Yun is a co-founder and CTO of Erudio Bio Incorporated and Adjunct professor at Sogang University. He received his B.S. in ECE Department from Seoul National University and Ph.D. degree in EE Department from Stanford University.



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