



Shuicheng Yan

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Biography:

Prof. Shuicheng Yan is currently managing director of Kunlun 2050 Research and Co-CEO of Skywork AI, and former Group Chief Scientist of Sea Group.

Prof. Yan is a Fellow of Singapore's Academy of Engineering, AAAI, ACM, IEEE, and IAPR. His research areas include computer vision, machine learning, and multimedia analysis. Till now, Prof Yan has published over 800 papers at top international journals and conferences, with an H-index of 140+. He has also been named among the annual World's Highly Cited Researchers eight times.

Prof. Yan's team received ten-time winners or honorable-mention prizes at two core competitions, Pascal VOC and ImageNet (ILSVRC), deemed the "World Cup" in the computer vision community. Besides, his team won more than ten best papers and best student paper awards, particularly a grand slam at the ACM Multimedia, the top-tiered conference in multimedia, including the Best Paper Awards thrice, Best Student Paper Awards twice, and Best Demo Award once.

Talk Title: Super-Agent: Ultimate Form of AGI?

Abstract: In this talk, I will try to answer two questions. The first one is: what is the ultimate form of AGI? Based on the global workspace theory, an intuitive answer is given, and then I will introduce the R&D motivated by this philosophy in Skywork AI. The second one is: To improve the quality of foundation models, what can be done from mathematics perspective. I will introduce three pillars and correspondingly introduce the related research in Skywork AI.