



CITATION FOR ASSISTANT PROFESSOR WANG XINCHAO YOUNG RESEARCHER AWARD

Citation Reader: Professor Liu Bin

I am very pleased to announce the recipient of the 2024 Young Researcher Award – Assistant Professor Wang Xinchao.

Xinchao is a star young researcher in the field of machine learning and computer vision. He is internationally recognised for his work on efficient and interpretable learning, with pioneering contributions to the domain of model reuse. His research work has made significant impact in both academia and industry.

Xinchao introduced the world's first neural network re-assembly approach, which proved the feasibility of “composable” learning across different pre-trained neural networks. He also introduced the first fully automatic structural pruning approach for building efficient learning models, which readily applies to all major network architectures. Xinchao's method replaced a manual, cumbersome process with one line of code, greatly alleviating the effort required by AI developers.

Since joining NUS, Xinchao has secured more than S\$15 million in research grants from government and industry partners. He has received local and global recognition for his teaching, scholarship, and outstanding editorial contributions to leading international journals.

Please join me in congratulating Assistant Professor Wang Xinchao on receiving the Young Researcher Award.