

ARTIFICIAL INTELLIGENCE INNOVATION RESEARCH CENTER PROGRAM

In 2018, the Ministry of Science and Technology (MOST) initiated a 5-year “Artificial Intelligence Innovation Research Center Program” to promote the research development and applications of artificial intelligence (AI). In this program, four AI centers are founded at National Taiwan University, National Tsing Hua University, National Chiao Tung University, and National Cheng Kung University. Each center focuses on one or two research domains of core AI technologies, intelligent manufacturing, intelligent service, and biomedicine. 70s research projects from various universities and institutes are grouped into these four centers. The missions of centers are developing related key technologies, promoting intelligent applications, building big datasets, and cultivating talents and interdisciplinary professionals.

For details, please refer to the attachment.

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List of MOST Artificial Intelligence Innovation Research Centers

Director of the Center	Executing Institution	Name of the Center	Category	Technology/Research Field	Contact Person of the Center	Contact Information
Hsin-Hsi Chen (Director) 、 Li-Chen Fu (Co-Director)	National Taiwan University	MOST Joint Research Center for AI Technology and All Vista Healthcare (http://ai.ntu.edu.tw/)	Core technologies and biomedical technology	Developing theoretical frameworks and avant-garde technologies, including machine learning, deep learning, big data mining and analysis, AI perception, natural language comprehension and processing, and AI-related policies and laws. Researches within	Elaine Sung	(02)33663246 elainesung@nlg.csie.ntu.edu.tw

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				the biomedical field focus on medical imaging, decision support, precision drug, psychiatric care, and those on legal, ethical, and social impact on development of medical AI.		
Yu-Chee Tseng	National Chiao Tung University	Pervasive Artificial Intelligence Research Labs (https://pair.labs.ai/)	Smart services	Including innovation models and more intense use of AI in the fields of drones, robots, self-driving vehicles, human-computer interaction, financial investment and management, advertising and marketing, communication, transportation, and impact to environment and society; in addition, research on the possible social, environmental, legal, ethical and labor-related implications of AI development.	Miranda Lin	(03)5712121 #52959 ; mirandalin@nctu.edu.tw
Chen-Fu Chien	National Tsing Hua University	Artificial Intelligence for Intelligent Manufacturing Systems Research Center	Smart manufacturing	Applying AI technologies to defect analysis, signal sensing, data processing, surveillance, process parameter optimization, assembly line resource optimization and multi-task learning, human-machine	Lola Wu	03-5715131 #34913 ; shwu@ie.nthu.edu.tw

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		(https://www.aims.org.tw/)		coordination, in order to connect innovative breakthroughs with the manufacturing industry and promote optimization of resource allocation, higher production capacity, and higher efficiency.		
Yung-Nien Sun	National Cheng Kung University	MOST AI Biomedical Research Center (http://aibmrc.csie.ncku.edu.tw/index.php/zh/)	Biomedical technology	The center strives to integrate multiple disciplines in biomedical science and AI to provide solid foundations and cutting-edge technologies for smart medicine, smart healthcare and smart biotechnology. The biological and biomedical AI application techniques together with a big databank for biomedical images and medical records are also under rapid development.	Yi-Jun Chen	06-2757575 #62517 ; yijunchen@mail.ncku.edu.tw