2022 年 12 月 16 日
財團法人張榮發基金會 1008

Health Informatics

Time	Speaker	Topic	Affiliation
08:30~09:00	Dr. Fu-Shun Hsu	Development An AI-Powered Respiratory Sound Monitoring and clinical practice	聿信醫療科技執行長
09:00~09:15 (250063)	Chih-Ting Chang[1] Wan-Yi Chen[1] Yu-Feng Li[2] Li-Hung Chang[3] Chia-Wei Sun[*1]	Evaluating teaching methods via functional near-infrared spectroscopy	[1]Department of Photonics, National Yang Ming Chiao Tung University [2]Department of Civic Education and Leadership, National Taiwan Normal University [3]Institute of Neuroscience, National Yang Ming Chiao Tung University
09:15~09:30 (250175)	Pei-Wei Yu[1] Chien-Pin Liu[1] Chia-Yeh Hsieh[2] Kai-Chun Liu[3] Chia-Tai Chan[*1]	Multimodal Drinking Activity Identification for Fluid Intake Monitoring	[1]Department of Biomedical Engineering, National Yang Ming Chiao Tung University [2]Bachelor's Program in Medical Informatics and Innovative Applications, Fu Jen Catholic University [3]Research Center for Information Technology Innovation, Academia Sinica
09:30~09:45 (250176)	Chun-Chi Liu[1] Kuan-Chung Ting[2] Chia-Yeh Hsieh[3] Kai-Chun Liu[4] Chia-Tai Chan[*1]	Wearable-based Vestibular Rehabilitation Monitoring System	[1]Department of Biomedical Engineering, National Yang Ming Chiao Tung University [2]Department of Otolaryngology-Head and Neck Surgery, Taipei Veterans General Hospital [3]Bachelor's Program in Medical Informatics and Innovative Applications, Fu Jen Catholic University [4]Research Center for Information Technology Innovation, Academia Sinica
09:45~10:00 (250204)	Wei-Ling Chen[1,2] Che-Wei Lin[3] Chung-Dann Kan[4*]	Utilize embedded sensors in a 3D-printed, custom-designed medical gadget to detect hemodialysis-associated vascular dysfunction early	[1]School of Biomedical Engineering, College of Biomedical Engineering, Taipei Medical University [2]Institute Food and Drug Administration, Ministry of Health Welfare, Taipei County [3]Department of Biomedical Engineering, College of Engineering, National Cheng Kung University [4]Division of Cardiovascular Surgery, Department of Surgery National Cheng Kung University Hospital, College of Medicine, National Cheng Kung University
10:00~10:20	Coffee Break		
10:20~10:50	楊子翔博士	Quanta QOCA AI-Medical Platform for Smart Healthcare	廣達電腦副處長
10:50~11:05 (250291)	Chun-Ching Huang Hung-Wen Chiu	Pathology image classification of stroke blood clot origin using DenseNet	Graduate Institute of Biomedical Informatics, Taipei Medical University

11:05~11:20 (250299)	Mirna Danisa Tandjung Zhe-Yuan Lien Chao-Min Wu	Feasibility Study of Diagnosis of Parkinson's Diseases with Voice Analysis on Mobile Devices	Department of Electrical Engineering, National Central University
11:20~11:35 (250425)	Chieh-Hsin LI Chien-An Chen Jia-Jin Chen	Severity Assessment of Patients with Speech Disorder Using Deep Learning	Department of Biomedical Engineering, National Cheng Kung University
11:35~11:50 (250382)	Kuan-lin Huang	Personalized Prediction of Cancer Risk and Treatment Based on the Full Genome Architecture	Department of Genetics and Genomic Sciences, Icahn School of Medicine at Mount Sinai, USA