17.2.3 國際合作收集資料以實現可持續發展目標

- <mark>國際會議-張啟昌教授</mark>

會議名稱	時間及地點	參與的老師	網址
ICMHI 2022: 2022 6th International Conference on Medical and Health Informatics	May 13 - 15, 2022| Virtual Conference (Kyoto, Japan)	蔡明哲教授、張啟昌教授	http://icmhi.org/ICMHI2022.html

ICMHI 2022

2022.5.13-15 | Virtual Conference (Kyoto, Japan)

Based on the inflexibility of COVID-19, organizing committee still decided to host the conferencce as Online Meeting to keep participants' safety. Thanks for all the support and understanding from the audience. We all hope to see you face to face next year!

ICMHI 2022 ACM conference proceedings: http://dl.acm.org/citation.cfm?id=3545729

ICMHI 2022 INDEXING

6th International Conference on Medical and Health Informatics, ICMHI 2022

Conference Partial Presenters

Opening Remarks

Prof. Ming Che Tsai
Chung-Shan Medical University,
Taiwan

Prof. Chi-Chang Chang
Chung-Shan Medical University,
Taiwan

Prof. Taka-Aki Sato
University of Tsukuba, Japan

Keynote Speech

Prof. Yu-Chuan Jack Li | Taipei Medical University
President of the International Medical Informatics Association

Student Essay Competition Session

Session 1

Topic: Bioelectronics and Biomedical Image Processing

Best Presenter 1

KY0024

Paulo Henrique De C. Oliveira
University of Brasília, Brasília, Brazil

Topic: Using a Saliency-Driven Convolutional Neural Network Framework for Brain Tumor Detection

Best Presenter 2

KY0016

Kecheng Lai
Japan Advanced Institute of Science and Technology, Ishikawa, Japan

Topic: Analysis on Mechanisms of Idea Generation: Evidences from fNIRS Hyperscanning

Session 2

Topic: Hospital Management and Medical Resource Allocation

Best Presenter

KY0050

Emma Montella
University of Naples "Federico II", Naples, Italy

Topic: Regression and Classification Methods for Predicting the Length of Hospital Stay
After Cesarean Section: a Bicentric Study

Session 3

Topic: Electronic Medical Record System and Analysis

Best Presenter

KY0065-A

Taxiarchis Botsis
Johns Hopkins University School of Medicine, Baltimore, USA

Topic: Top Challenges in Automating Clinical Decision Support in Pharmacovigilance

Session 4

Topic: Bioinformatics and Biomedical Data Analysis

Best Presenter

KY0031-A

National Yunlin University of Science and Technology, Yunlin, Taiwan

Topic: Build a Biometric Recognition Model Using Markov Chain and Time Series Heart Rate Variability

Session 5

Topic: Health Informatics and Health Care Quality

Best Presenter

KY0036

Hendri Susilo
Universitas Airlangga, Surabaya, Indonesia

Topic: Type II Diabetes as the Main Risk Factor of Arterial Stiffness in Chronic Kidney Disease Patients

Session 6

Topic: Public Health and Applied Statistics in Public Hygienics

Best Presenter

KY0060

Jonathan Harris
Rensselaer Polytechnic Institute, New York, USA

Topic: Predicting Crimean-Congo Hemorrhagic Fever Outbreaks via Multivariate Time-Series Classification of Climate Data
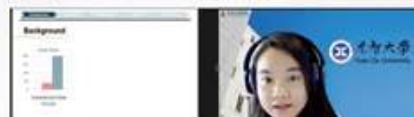

Session 7

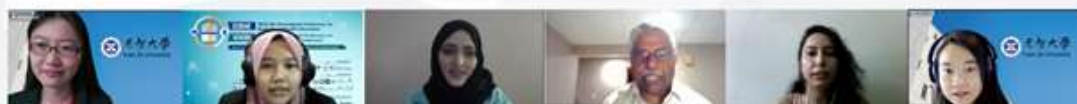**Topic:** Medical Statistics and Applied Computing in Biomedicine

Best Presenter

KY0020-A

Florence Leony
Yuan Ze University, Taoyuan, Taiwan

Topic: An Improved Oversampling Technique with Soft Label for Classification

Session 8

Topic: Occupational Therapy

Best Presenter

KY0015

Tim Moesgen
Aalto University, Espoo, Finland

Topic: Vibrotactile Motion Guidance for Stroke Rehabilitation: a Comparative Study

Special Session 9

Topic: Intelligent Systems and Applications for Medical Informatics and Hospital Management

Best Presenter

KY5026-A

Jia-Lien Hsu
Fu Jen Catholic University, New Taipei, Taiwan

Topic: Operating Room Use Time Estimation with Machine Learning Model

Special Session 11

Topic: Nursing Informatics

Best Presenter

KY6027-A

Pei-Jyun Chih
Kaohsiung Medical University Chung-Ho Memorial Hospital, Kaohsiung, Taiwan

Topic: The Electronic Construction of Emergency Medical Records

Special Session 12

Topic: EMR-Based AI Implementation in Hospital

Best Presenter

KY1007-A

I-Ning Yang
Chi Mei Medical Center, Tainan, Taiwan

Topic: Developing an AI Model for Risk Prediction of Intradialytic Hypotension and Implementing an AI Dashboard in Practice

:⊕ Special Session 13

Topic: Taiwan Cancer Registry

Best Presenter

KY6024-A

Wei-Ling Kao

Kaohsiung Medical University Hospital, Kaohsiung, Taiwan

Topic: CGMH Prognostic Score for Older Cancer Patients Undergoing Elective Major Abdominal
Surgery: External Validation Using a Prospective Cohort

:⊕ Special Session 14

Topic: Intelligent Healthcare and Pharmaceutical Care

Best Presenter

KY6001

Huang Kuo-Kuang

Chihlee University of Technology, New Taipei, Taiwan

Topic: Are Africa on the Right Track to Prevent COVID-19? Reflections from African
Business Magazine's Coverage of the COVID-19 Pandemic

:⊕ Special Session 15

Topic: The Impact of the Pandemic Process of Health Services and Paradigms in Turkey

Best Presenter

KY6015-A

Necla Yılmaz

Süleyman Demirel University, Isparta, Turkey

Topic: Homecare and Health Services in Turkey During the Pandemic Process

Conference Closing Ceremony