

JOINT SYMPOSIUM

09:30-12:30 (JPN Time) / 08:30-11:30 (TWN Time) December 16, 2021

億光大樓2F集思會議中心

AGING POPULATION

OPENING/ CLOSING
CEREMONY



MEDICINE &
LIFE SCIENCES



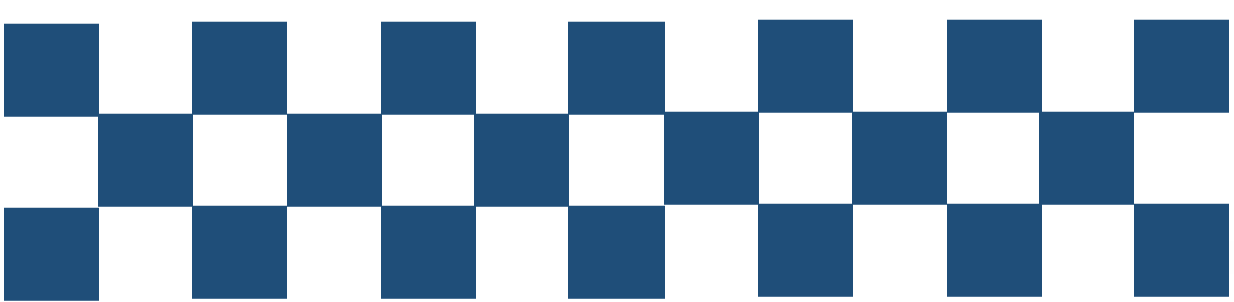
ENGINEERING &
TECHNOLOGY



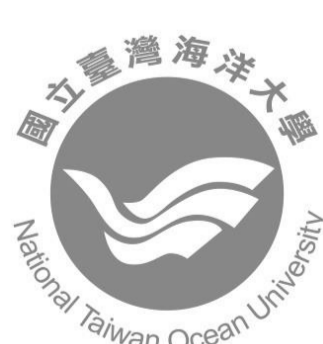
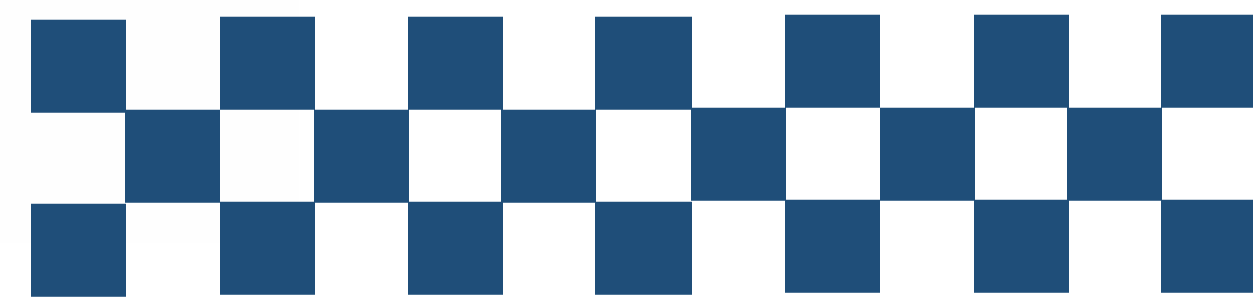
INTERDISCIPLINARY
STUDIES & MORE



SOCIAL SCIENCES



臺北聯合大學系統
University System of Taipei



2021 First Joint Event between SixERS and UST

REGISTRATION



AGENDA 2021 JOINT SYMPOSIUM

SixERS & UST



SCHEDULE AT A GLANCE

09:30 / 08:30 (10 min)	Opening Remarks & Group Photo
09:40 / 08:40 (50 min)	Institutional Introduction
10:30 / 09:30 (10 min)	Coffee Break
10:40 / 09:40 (90 min)	Concurrent Breakout Sessions
12:10 / 11:10 (10 min)	Closing Remarks

[JP time / TW time]

PROGRAM OVERVIEW

SESSION 1: Medicine & Life Sciences

- ML1 **AI-based radiomics model for molecular subtyping of lung cancer**
LE, Nguyen Quoc Khanh, Research Center for Artificial Intelligence in Medicine, Taipei Medical University
- ML2 **Spinal disorders that cause painful symptoms**
DEMURA Satoru, Department of Orthopedics, Kanazawa University
- ML3 **Investigation of the mechanisms underlying longevity and cancer-resistance in the longest-lived rodent, the naked mole-rat**
MIURA Kyoko, Faculty of Life Sciences, Kumamoto University
- ML4 **Mechanisms underlying the life-extending effect of dietary energy restriction**
SHIMOKAWA Isao, Department of Pathology, School of Medicine, Nagasaki University
- ML5 **Aging and erythrocyte rheology**
CHUANG, Cheng-Hsi, Department of Mechanical and Mechatronic Engineering, National Taiwan Ocean University

SESSION 2: Engineering & Technology

- ET1 **MEMS-based high-throughput design for the sorting of reverse progressive spermatozoa**
PAN, Li-Chern, Graduate Institute of Biomedical Optomechatronics, Taipei Medical University
- ET2 **Design research and education of Chiba University**
UEDA Akira, Design research institute, Chiba University
- ET3 **Challenges facing Japan's waterworks in the aging of the population**
TADA Akihito, Graduate School of Engineering, Nagasaki University
- ET4 **Actuators for novel mechatronics systems**
KANDA Takefumi, Graduate School of Natural Science and Technology, Okayama University
- ET5 **Digital health intervention and fusion for the elderly**
HUANG, Jung-Tang, Graduate Institute of Manufacturing Technology, Taipei Tech

SESSION 3: Interdisciplinary Studies & More

- ID1 **Financial distress and older adult's living and caregiving arrangements**
FU, Chien-Hao, Department of Public Finance, National Taipei University
- ID2 **A new type of medical-engineering collaboration business with companies in the Tsubame Sanjo area**
FUKAYA Kiyoyuki, Office for Business Creation, Institute for Social Innovation and Cooperation, Niigata University
- ID3 **Digital health**
YONEDA Takashi, Department of Health Promotion and Medicine of the Future, Graduate School of Medical Sciences, Kanazawa University
- ID4 **Advanced terahertz chemical microscopy for medical applications**
KIWA Toshihiko, Graduate School of Interdisciplinary Science and Engineering in Health Systems, Okayama University
- ID5 **Senior life under artificial intelligence technology: Opportunities and challenges in 2045**
HUANG, Yu-Kai, Ocean Tourism Management Program, National Taiwan Ocean University

SESSION 4: Social Sciences

- SS1 **Gamification of face cognition for elderly tongue-muscle training and game-flow measurement**
WU, Ko-Chiu, Department of Interaction Design, Taipei Tech
- SS2 **Creating a sustainable aging Society in the post-COVID world generational equity and social solidarity between old and young**
ZHANG Yun, Graduate School of Modern Society and Culture, Niigata University
- SS3 **Information and functions of digital map for elderly's going out behavior**
SATO, Kiminobu, Department of Design, Design Research Institute, Chiba University
LI, Ming-Lun, R&D Center for Smart Wellness City Policies, Tsukuba University
- SS4 **Living with dementia: Transforming our conflicts with dementia and its shadow**
ISHIHARA Akiko, Graduate School of Social and Cultural Sciences, Kumamoto University
- SS5 **Intergenerational influences, educational expectation and gender role attitudes, and transition to parenthood among young Taiwanese adults**
MA, (Josef) Kuo-Hsun, Department of Sociology, National Taipei University