

11/25
(SUN)

2018 MOST & JST Conference ICT for Accessibility and Support of Older People

臺日高齡社會ICT技術應用
之成果發表及未來合作推動研討會

暨雙邊年輕學者海報徵選



會議地點 香格里拉台南遠東國際大飯店9樓國際會議廳
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活動介紹

2018MOST&JST-ICT for Accessibility and Support of Older People——臺日「高齡社會ICT技術應用」之成果發表及未來合作推動研討會，將於2018年11月25日星期日假香格里拉台南遠東國際大飯店9樓國際會議廳舉行，此會議為科技部(MOST)與日本國立研究開發法人科學技術振興機構(JST)，針對促進臺日高齡化社會議題搭建交流與合作所主辦，由成大職能治療學系和前瞻醫療器材科技中心承辦。本次日方將有十餘位學者、專家來台，臺灣方面亦有15位教授專家與會，會中除邀請臺日雙邊針對研究主題進行分享，亦將辦理年輕學者海報發表，歡迎對高齡或ICT議題有興趣的師生、民衆參與本次會議，或進行海報投稿。

活動議程

Time	Schedule	Speaker
08:40-09:00	Registration	
09:00-09:20	Opening Ceremony	
09:20-09:25	Group Photo	
09:25-09:55	Keynote Lecture from Taiwanese side Digital Healthcare Innovation in Taiwan	Dist. Prof. Fong-Chin Su Department of Biomedical Engineering, National Cheng Kung University
09:55-10:25	Keynote Lecture from Japanese side Role of Advanced ICT for Hyper Aged Society	Prof. Michitaka Hirose Graduate School of Information Science and Technology, The University of Tokyo
10:25-10:40	Break	
Session1: ICT for Quality of life		
10:40-11:10	創新虛擬視覺觸覺回饋訓練系統之建構與評估 Developments of Novel Virtual Visual and Haptic Stimulation Systems for the Elderly	[TW PI] Prof. Li-Chieh Kuo Department of Occupational Therapy, National Cheng Kung University
		[JP PI] Prof. Hirokazu Kato Graduate School of Information Science, Nara Institute of Science and Technology
11:10-11:40	遠距社會互動系統輔助獨居高齡者生活品質監 控與促進之研究 Monitoring and Improving QOL of Elderly People Living Alone with Remote Social Interaction Support	[TW PI] Prof. Hsiu-Ping Yueh Center for Artificial Intelligence and Advanced Robotics, National Taiwan University
		[JP PI] Prof. Takatsune Kumada Kyoto University
Session2: eHealth and Health System Informatics		
11:40-11:55	適用於以IoT為基礎之e化健康環境之新式輕量 化密碼系統 New Lightweight Cryptosystems for IoT based eHealth Environments	[TW PI] Prof. Chien-Lung Hsu Department of Information Management, Chang Gung University
11:55-13:00	Lunch	
13:00-13:30	於行動醫療照護上基於物聯網之安全資訊平台 且於大數據上具隱私保護資料探勘 Secure IoT-Based Information Platform with Privacy- Preserving Data Mining on Big Data for M-Healthcare	[TW PI] Prof. Chun-I Fan Department of Computer Science and Engineering, National Sun Yat-sen University
		[JP CO-PI]
13:30-14:00	在超高齡化的社會下為了社會參與的體感擴增 與遠距工作研究 Human Augmentation and Telework for Social Participation in the Hyper-aged Society	[TW PI] Prof. Bing-Yu Chen Department of Information Management, National Taiwan University
		[JP PI] Prof. Masahiko Inami The University of Tokyo

Time	Schedule	Speaker
14:00-14:15	超高齡社會下為高齡者所設計的資訊想起支援 Information Recall Support for Elderly People in Hyper Aged Societies	TW PI Dist. Prof. Hsin-Hsi Chen Department of Computer Science and Information Engineering, National Taiwan University
14:15-15:15	Tea Break & Poster Session	
Session3: Multimodal Innovation		
15:15-15:45	公共空間聲音設計對聽力下降之年長者友善度 的全面驗點與準則之建立 A thorough examination and guideline establishment toward friendly sound design for elderly people with hearing degradation	TW PI Assoc. Prof. Yi-Wen Liu Department of Electrical Engineering, National Tsing Hua University
		JP PI Prof. Hiroko Terasawa University of Tsukuba
15:45-16:15	為超高齡社會銀髮族所研發之智慧型軟式動力 外骨骼輔具跨國研究 Soft Exoskeleton and Wearable Assistive Devices to support Elderly People in Hyper-aged Societies	TW PI Assoc. Prof. Mike Y. Chen Department of Computer Science and Information Engineering, National Taiwan University
		JP PI Prof. Yuichi Kurita Graduate School of Engineering, Hiroshima University
16:15-17:00	Wrap-up Session and Poster Award Cooperative activities toward future cross teams	

※主辦單位保留議程修改的權力，請以活動官網公告之最新議程為準。

海報徵求/Call for Posters :

簡介：

為提昇國內高齡照護相關技術發展，促進臺日研究交流，鼓勵雙邊年輕學者和學生就高齡社會、ICT技術等相關成果發表，並將於本會議(2018年11月25日週日)是日，同時辦理海報甄選，邀請本國年輕學者和學生提供您的研究和創意，在此國際舞台上嶄露頭角。

本會議主軸包含：

- ICT for Quality of life
- eHealth and Health System Informatics
- Multimodal Innovation

即日起至11月8日受理投稿，投稿前請詳閱官網投稿說明，提供海報英文摘要(250-300字)，並以Microsoft Word格式電子檔擲回大會信箱，如有任何問題請洽詢本會議聯絡窗口。