

11/25  
(SUN)

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

## 臺灣高齡社會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  
 會議官網 <http://2018ictconf.strikingly.com/>  
 線上報名 <https://goo.gl/xWns2d>  
 大會信箱 2018mdic.ictconf@gmail.com  
 聯絡窗口 國立成功大學前瞻醫療器材科技中心  
 06-235-3535分機3416 蔡小姐  
 06-235-3535分機3420 簡小姐



### 活動介紹

2018MOST&JST-ICT for Accessibility and Support of Older People——臺灣「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)，針對促進臺灣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、民眾參與本次會議，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格式電子檔擱回大會信箱，如有任何問題請洽詢本會議聯絡窗口。