【Garage+ & Silver Linings Global】

Designing the 100-year Life in a Digital World

■ **Taiwan Time: 2022/04/26 (Tue.) 07:00 P.M.-09:00 P.M.**
   Netherlands Time: 2022/04/26 (Tue.) 01:00 P.M.-03:00 P.M.

■ **Venue: Zoom Meeting Room**

■ **Speaker & Panelists:**

Dr. Joseph Coughlin, Director, AgeLab, Massachusetts Institute of Technology

Dr. Henk Herman Nap, Digital Care Coordinator, Vilans

Dr. Ted Chang, CTO, Quanta Computer

Dr. Jessy Kang, Founder and CEO, Smart Ageing Tech

Ms. Hsin-Ling Tsai, Founder and CEO, Silver Linings Global

Mr. Wang Long Li, Founder and CEO, Tinybots

Time (P.M.)	Agenda	Action By
07:00-07:04	Opening	Epoch Foundation
07:04-07:20	Speech: The Longevity Economy	Dr. Joseph Coughlin
07:20-07:35	Best Practice I: HAAL - AI Driven Care Tech for People with Dementia	Dr. Henk Herman Nap
07:35-07:50	Best Practice II: Every Cloud Has A Silver Lining	Dr. Ted Chang
07:50-08:40	Panel Discussion	**Moderator**: Dr. Ted Chang **Panelists**: Dr. Henk Herman Nap Dr. Jessy Kang Ms. Hsin-Ling Tsai Mr. Wang Long Li
08:40-09:00	Q&A Session	All

Speakers' English Bio	講者中文簡介
Dr. Henk Herman Nap **Digital Care Coordinator | Vilans** Vilans is the national Centre of Expertise for Long-term Care in the Netherlands. In this field, Vilans engages in innovation, research and development, dissemination, and implementation of good practices. Vilans is well-known in the Netherlands for running large scale and nationwide implementation programs, such as the National Dementia Program, the Care for Better Program and Up to Care!. Mr. Henk Herman Nap, PhD, MSc is an expert on eHealth at Vilans, a member of the board at the International Society of Gerontechnology (ISG) and has a visiting research position at the Human-Technology Interaction group at Eindhoven University of Technology (TU/e). He has many years of experience in guiding and coordinating implementation, evaluation and validation of eHealth solution. (such as home automation, games for health and Ambient Assisted Living, and etc.). He works as a project coordinator and senior researcher in innovation & research, specifically in the field of eHealth and long-term care policies. At Vilans, Henk Herman is coordinator of the International HAAL Active and Assisted Living (AAL) project on an AAL bundle that supports people with dementia and their (in)formal carers during their client journey, the GUARDIAN (AAL) research project on social robotics for people with dementia and (in)formal carers, the eWare AAL project on lifestyle monitoring and social robotics for people with dementia and their (in) formal carers, the MagicTABLE project (ToverTafel) and worked/s in other AAL projects such as Palette and FreeWalker as a workpackage manager of co-design and user evaluation.	Vilans是荷蘭國家級長照智庫,致力於高品質長期照護模式的創新研究、知識傳播與實踐,並提供政府與照護單位發展策略與建議。 為因應人口老化導致護理需求增加,專業人員卻短缺的困境,Vilans成立eHealth團隊專責科技導入照護的創新研究,並與科技公司與一線服務組織合作進行產品開發與推廣。同時Vilans參與多項國家及國際合作計畫,包括歐盟Active & Assisted Living Programme(中文翻譯:智慧健康長照計畫)。 Mr. Henk Herman Nap 20 年來專注在健康科技研究和創新經驗,擔任多次歐盟 Active & Assisted Living Programme之計畫主持人,執行推動多個跨國創新科技設計及應用項目,包括串連陪伴型機器人及智慧感測,協助失智者作日常生活管理,從而提升其生活品質並減輕照護負擔等。 此次分享可透過豐富的案例與經驗,談談如何透過科技導入,提供更個人化和人性化的服務,以及在過程中邀請健康和衰弱長者,一起參與設計,並分享其在設計人本科技,用以支持自立老後生活的豐富經驗。

Speakers' English Bio	講者中文簡介
Dr. Ted Chang **CTO, Vice President & General Manager｜Quanta Computer** Dr. Ted Chang is Chief Technology Officer (CTO), Vice President and General Manager of Quanta Computer, known as the world's biggest computer ODM and laptop computer maker. Along with his role as CTO, he oversees corporate technology strategy and global research partnership. Dr. Chang takes lead of Quanta Research Institute (QRI) for advanced technology research and BU12, a business unit dedicated to AIoT solutions for e-Heath, Smart Medicine and Smart Agriculture. Dr. Chang is appointed as one of the three representatives from Taiwan for APEC Business Advisory Council (ABAC). He is Co-Chair of Digital Working Group of ABAC 2022 on Digital Health. Academic wise, Dr. Chang holds various guest professorships in EECS and AI of National Taiwan University (NTU), National Cheng-Kung University (NCKU), National Yang-Ming Chao-Tung University (NYCU) and Asia University (AU). He also serves as board director of Epoch Foundation. Among many awards and honors, Dr. Chang recently received IF Design Award on Smart Agriculture and two REDDOT Design Awards on Smart Medicine in 2021. He is the chief consultant to Taiwan Pavilion "Swingphony" at London Design Biennale 2020. Dr. Chang has over 200 patents granted globally by Jan. 2022. Starting in 2004, Dr. Chang has initiated and served as the program director of the T-Party Project, a 10-year 45Mil. strategic research collaboration project with Computer Science and Artificial Lab (CSAIL) of Massachusetts Institute of Technology (MIT) on future computing and communication, (https://www.csail.mit.edu/Quanta.html). In 2019, Quanta kicked off another 5 years collaboration with MIT CSAIL with focus on computational health and AI Medicine. Dr. Chang has been a visiting scientist for MIT CSAIL for over ten years. Dr. Chang's past projects, One Laptop Per Child (OLPC) and the QRI research model, were published as business cases by Harvard Business School. Dr. Ted Chang holds B.S. (88), M.S. (92) and Ph.D. (96) degrees, all from the Institute of Aeronautics and Astronautics, National Cheng-Kung University. Dr. Ted Chang's research interests now focus on human centric innovation for smarter lifestyle through AIoT (Artificial Intelligence of Things) that integrate IoT, cloud computing, big data analytics and machine learning. He is dedicated to creating a sustainable model so that great ideas in research lab can turn into great social impacts through product and business innovation.	張嘉淵博士為廣達電腦技術長暨副總經理、廣達研究院院長負責廣達前瞻產品研發、未來科技策略及全球研發合作。並帶領廣達 BU12 事業部，主導智慧物聯網、智慧醫療及智慧農業等新事業。 張博士於 2019 年接受總統任命為亞太經濟合作企業資諮詢委員會(APEC Business Advisory Council, ABAC)之國家代表，並應邀擔任 ABAC 數位工作小組(Digital Working Group)共同主席(2022)，ABAC 支持新興科技任務小組共同召集人(2021)；兼任國立臺灣大學電資學院網路多媒體研究所客座教授(2021~)、國立陽明交通大學智慧科學暨綠能學院合聘教授(2019~)、國立成功大學大學電資學院客座教授(2021~)、亞洲大學電資學院兼任講座教授(2021~)、時代基金會(Epoch Foundation)董事、廣達文教基金會董事、明道文教基金會董事、中華醫藥促進基金會董事、陽明交大思源基金會董事。張博博士歷任科技部、經濟部及教育部國家型研究計畫、科技產學研發專案及人才培育專案之評鑑委員。並擔任國立臺灣大學教學研究單位校評鑑指導委員會委員、Intel 智慧聯網創新研究中心(IOX)諮詢委員、國立清華大學產學合作諮議委員、數位時代創 新商務獎 Future Commerce Award 評審等。 張博士於國立成功大學航空太空工程研究所完成所有高等教育。張博士現今的研究興趣在【軟硬整合之虛實應用】：結合雲端運算(Cloud Computing)、大數據分析(Big Data Analytics)、演算法(Algorithm Synthesis)、社群媒體(Social Media)及智慧物聯網 (AIoT) 之人本創新應應用(Innovative Human Centric Service)。

Speakers' English Bio	講者中文簡介
Dr. Jessy Kang **Founder and CEO, Smart Ageing Tech** **Professor of Department of Civil Engineering, University of Alberta** Smart Ageing Tech spins off from a research team at National Taiwan University led by Prof. Shih-Chung Kang in 2018. The company provides cloud healthcare platform and data science services to facilitate long-term care. In late 2018, Smart Ageing Tech launched its first product: Jubo Facility Solution. The solution includes four parts: (1) IoT trolley: to reduce the efforts on the measurement of vital signs at the bedside; (2) Smart Nursing Information System: to increase the quality and accuracy of the nursing record through smart input interface; (3) Facility Management Chatbot: to facilitate real-time and effective management via integration with LINE; (4) Family Communication Chatbot: to enhance the family engagement in long-term care. In 2021, Jubo facility solution has been deployed in 70 long-term care facilities, serving more than 10000 elderly. Smart Ageing Tech currently have 72 full time employees, including 5 in Canada and 67 in Taiwan headquarter. We also have 8 part time employees. We aim to grow twice the employees within 5 years. We are an open and agile company. We value mutual growth of employees and the company. We encourage creativity, curiosity and innovation.	智齡科技於2018年成立新創，公司前身為台灣大學康仕仲教授帶領的台大研究團隊。智齡科技專注於展應用於長照情境的雲端服務與資料科學技術。 2018年底，智齡科技的「Jubo長照機構數位化解決方案」產品上市，包含：(1) IoT照護推車－應用於床邊生命徵象自動量測，並簡化生命徵象的反覆紀錄流程；(2) 智慧護理系統－利用智慧輸入，協助提升護理紀錄的正確性與紀錄品質；(3) 機構管理聊天機器人－以LINE作為使用終端介面，輔助機構管理人員達到即時、有效率的機構管理;(4) 家人溝通聊天機器人－使家人更容易參與照護過程，了解照護狀況。 2021年Jubo機構數位化方案成功落地於70家長期照護機構，紀錄超過10,000位高齡住民的日常健康資訊。 智齡科技，全球共有72位正職人員，包含北美子公司5位，台灣總部67位，另外還有8位兼職人員，我們預計在五年內成長到150人，企業文化現代開放，重視團隊和自我共同成長，我們鼓勵員工創新、凡事保有好奇心。

Speakers' English Bio	講者中文簡介
Ms. Hsin-Ling Tsai **Founder and CEO｜Silver Linings Global** Hsin-Ling Tsai is Founder and CEO of Silver Linings Global (SLG), a social enterprise that aims to accelerate the development of innovative solutions for the aged society. Over the past 8 years, SLG has built a network of global and local partners and organized on-line and offline events, workshops, and overseas learning programs to promote knowledge exchange of best practices and cross sector collaboration. SLG also provides support for organizations in developing new talents and services that better meet the needs of older people and their caregivers. Prior to SLG, Hsin-Ling has 10 years of work experience in the healthcare and aging sector in the US, China, and Taiwan. Working at one of top Children's Hospitals in the US, Hsin-Ling led transformation projects that aim to leverage analytics to improve the quality of service. In addition, Hsin-Ling worked for a New York-based foundation as its representative to lead the implementation of capacity building programs in China and develop new partnerships with Chinese hospitals, community organizations, and universities. Hsin-Ling is a registered pharmacist in Taiwan. She has a Bachelor's Degree in Pharmacy from Taipei Medical University and a Master's Degree in Health Policy and Management from University of Pittsburgh in the United States.	銀享全球致力推動高齡創新，自2014年成立以來，連結產、官、學、研等能量，推動多項影響力計畫，不僅與世界連結，更深入在地實踐。透過創新的平台與多元的溝通管道，提供來自全球各地的高齡產業知識與資源，現已累積超過60個來自北美、歐洲、亞洲地區的夥伴。我們深度掌握全球高齡產業趨勢與標竿組織的推動經驗，透過多元線上與線下學習與交流（包含：海內外高齡創新單位研修團、工作坊等）的辦理，持續引領高齡產業創新與轉型。 2021年起，銀享全球與來自荷蘭、奧地利、義大利、丹麥、台灣的跨國夥伴共同參與歐盟Active & Assisted Living Programme（中文翻譯：智慧健康長照計畫），以 HeAlthy Ageing ecosystem for peopLe with dementia(HAAL)為題，開發與設計促進失智者安心在居家、社區生活之科技產品整合平台，並藉此跨國合作，探索智慧科技導入支持自立老後生活的需求與挑戰。 此次分享內容著重在國際、國內案例的關鍵洞察，從居住、整合照護、社區共生、第三人生等面向的新切入點，帶動參與者思考多元的高齡產業面向。

Speakers' English Bio	講者中文簡介
Mr. Wang Long Li **Founder and CEO｜Tinybots** Founded by Mr. Wang Long Li in 2015, Tinybots is on the mission to empower people with cognitive challenges, such as people with dementia, people with ABI and/or Autism, and their family using social technology/social robotics. With a passion for products/services design, the founder of Tinybots, Mr. Wang Long Li, develops products & services that enhance people's well-being using a people-centered approach, which taps into his background in human psychology, product development, design thinking, and business strategies. He believes that meaningful products are the results of understanding people's life, their motivation, and their true needs. Mr. Wang Long Li has first-hand experience on how difficult the situation can be for the individual, the family and as an informal caregiver. When his father became ill and unfortunately passed away after a long fight against the disease. He has decided to dedicate his future work to improve healthcare and well-being for societies.	Tinybots的主要產品為名叫Tessa的陪伴型機器盆栽。具陪伴與提醒功能，包含：在設定的時程內，傳送語音提醒(如：今天有約復健科回診，要記得帶回診單)、提供建議(如：該喝水囉)、語音播放文字訊息等。家人及照護人員可透過手機或平板的app，隨時查看受照顧者的回應。透過此機制可提升使用者自主管理之能力，減少照顧時間。 Mr. Wang Long Li於2015年創辦Tinybots，並結合自身於產品設計、設計思考的專業，與團隊共同研發機器盆栽Tessa。畢業於荷蘭著名台夫特理工大學（TU Delft），在學期間參與多個機器人相關計畫，包含知名的照護娃娃機器人Alice計畫，並奠定了他在陪伴型機器人的研發道路。同時也與Vilans團隊合作共同在歐盟Active & Assisted Living Programme中開發整合式科技應用平台。「我始終相信有意義的科技產品，絕對必須要了解人們真正的需求、人們的生活以及動機。」他曾這麼分享過。 此次參與座談，可從自身研發產品與市場驗證的經驗出發，分享其如何看待目前超高齡社會科技應用的需求。