

**Dr Calvin LUK**

*Project Manager I / Spatial / Leader of Spatial Team, Jockey Club Design Institute for Social Innovation, PolyU*

Calvin Luk is Project Manager of PolyU's Jockey Club Design Institute for Social Innovation (JCDISI), currently leading translational research and implementation projects under the theme of "Double Ageing" including Transitional Social Housing, Intergeneration Play Space, Therapeutic Landscape for Dementia, Community Gamification Rehab Centre for elderly and Modular Integrated Construction for relocatable housing.

From a dual perspective as Architect-Access Consultant and clinician, Calvin engages extensively in community and urban infrastructure projects (e.g. West Kowloon Cultural District) on environmental design for elderly, universal accessibility (Design for All) and barrier free access for people with disabilities. He combines practice and research focus with Evidence/Research Based Design and Knowledge Translation of design interventions for ageing and dementia, at the same time integrating Universal Design approach for wider applications and removing stigmatism.

He has keen interest in bridging building design and health - adopting Salutogenic Design in built environment to promote simultaneously physical & psycho-social health and exploring cultural aspect of therapeutic environment based on Chinese Medicine theories. He is also Founding Chairperson of the Association for Universal Accessibility Hong Kong, an alliance of trans-disciplinary professionals consisting of International Union of Architects Region IV, Hong Kong Occupational Therapist Association, Association of Consultants in Access Australia, other academia and technology entrepreneur.

**Topic: Intergenerational Community in a Vertical City**

As part of Season 7, titled "Intergenerational Community in a Vertical City", of JCDISI's 'Operation SoInno' initiative, the roof terrace of an elderly home in Lai Kok Estate, Hong Kong will be co-designed by the co-creation team including community, residents and staff of the elderly home, and academia from the PolyU departments of Rehabilitation Sciences (RS) and School of Nursing (SN). The purposely designed outdoor area will enable longitudinal research studies by RS and SN to evaluate the outcomes including mental and psychosocial well-being of the elderly relating to access of outdoor areas and enhanced opportunities for intergenerational interaction. Depending on the outcome of the pilot study, a strategy of repeatable scale will be formulated as a model for adoption by policy makers when planning elderly residential facilities in vertical urban space.



## 陸永康博士

香港理工大學賽馬會社會創新設計院 空間項目經理 / 空間項目小組主管

陸永康博士是理工大學賽馬會社會創新設計學院的項目經理，目前領導有關「雙老化」的轉化研究及實施項目，包括過渡性社會房屋、跨代共融遊樂空間、老年癡呆症的治療環境、長者社區遊戲化康復中心及組件式可搬遷房屋。

陸博士既是一名無障礙建築顧問，又是一名臨床醫生，參與多項社區及城市基礎設施項目（如：西九龍文化區），擁有廣泛樂齡環境設計、無障礙通達、及殘疾人士無障礙設計經驗。他透過實踐和研究，針對老年和老人癡呆症的需要設計干預措施，同時引入通用設計，將應用廣泛並

消除污名。

他對於結合設計和健康非常感興趣，將健康本源學設計套用於建築環境內促進身心健康，並根據中醫理論從文化方面探索治療環境。他亦是香港無障通達協會的創辦主席，其成員包括國際建築師協會第四區（International Union of Architects Region IV）、香港職業治療學會、澳洲無障礙顧問協會（Association of Consultants in Access Australia）等組織的成員，以及其他學者及技術企業家。

## 主題：垂直城市中的跨代社區

JCDISI社創「騷·In·廬」計劃第7季主題為「垂直城市中的跨代社區」，其中一項目將會由共創團隊共同設計香港麗閣邨一所安老院的天台。此共創團隊由安老院的住戶、員工和社群以及理工大學康復治療科學系和護理學院的學者組成。特別設計的戶外空間能夠讓康復治療科學系和護理學院透過縱貫性研究去評估戶外環境和跨代互動對於長者身心健康的影響。項目的下一步會視乎實驗研究的結果制定可擴展的策略，讓政策制定者在垂直城市中規劃長者居住設施時套用。