

01 《Wall of Voices》裝置內部造型一景
Local residents interaction /////Wall of Voices installation

遷徙博物館—在流動地景中聽見彼此的夢

公共藝術《Wall of Voices》於廣慈社宅開展

盧彥臣｜建築設計學系助理教授級專業技術人員

由臺北市政府都市發展局主辦、吳慧貞（禾磊藝術）策展的廣慈社宅公共藝術計畫，於 2025 年 1 月 10 日至 2 月 10 日推出「遷徙博物館」主題策劃。德國藝術家 Florian Claar 攜手實踐大學設計學院團隊 VISION BASE 打造大型聲學裝置《Wall of Voices》，以「社區的聲音劇場」為核心，將居民的日常呢喃、城市的記憶回響與夢境的敘事，轉譯為一座可被行走、被回聲撫觸的流動地景。

裝置現場同步推出林強的聲音計畫《聽夢》，此一計畫係由十位居民口述各自的夢，經創作與混音化為飄忽流動的音景，穿梭於木作聲鏡之間，讓現實與夢在同一個空腔中疊映—你我在彼此的回聲裡相遇。

從數位到工地：曲面落地的精準工序

《Wall of Voices》從聲學模擬與空間拋物面邏輯出發，經由 3D 建模轉化為可施工的幾何與節點資料，再以 CNC 加工與模組化構件組裝於現場。表面材質選擇 2D 切割木板，直接壓覆於弧形骨架，借鏡



02 《Wall of Voices》裝置於廣場一景
Interior of the A view of the installation at the square

台灣傳統雨淋板工法卻以數位精準重新詮釋。最終以透明水性壓克力護木漆面，保留「生木」質理，使自然紋理與高科技曲面並置—質樸與精密同場演出。

觀眾漫步其間，聲波在弧面間聚散、折返、相位干涉，形成多重「聲鏡」效應。當觀眾移動一步，聽見的關係就改變一步，聲音因此成為一種可被雕塑的公共材質。

本案由實踐大學設計學院跨域協作完成，建築設計學系助理教授級專業技術人員盧彥臣率領 VISION BASE 團隊負責細部設計與建造執行。工作範疇涵蓋曲面數值分析、木材放樣測試、構造節點優化、數位製造流程、現地裝配策略、CNC 加工、結構計算、燈光設計及聲場分析等。

透過參數化設計與工序前置，團隊將複雜自由曲面轉化為可被量測、加工、維護的公共設施，使高複雜度的美學以可親近的形式抵達社區。以演算法化解施工現場的細節難題，讓每一塊板子在正確的位置發出正確的聲音。

被傾聽的城市：一次經驗，多地複製

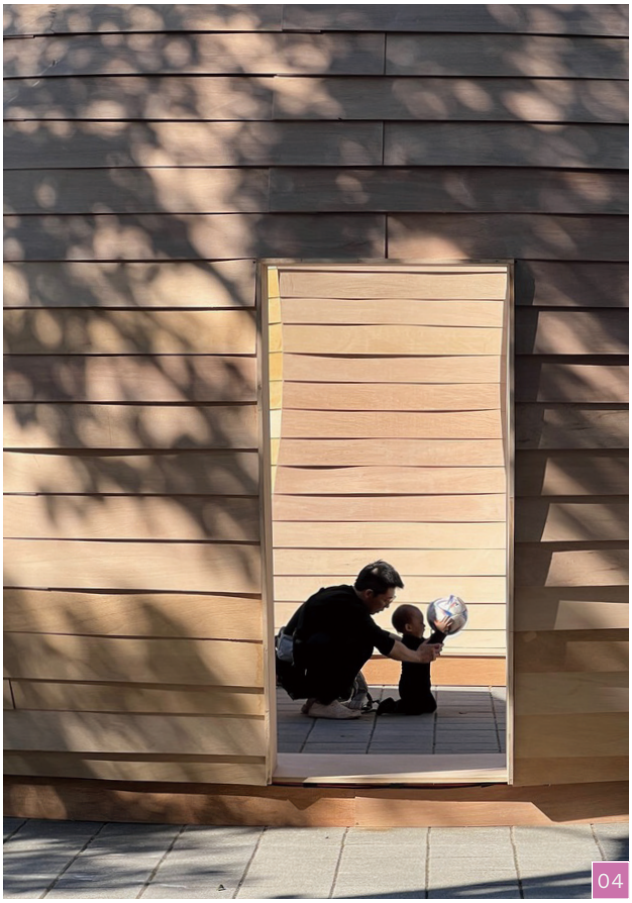
開幕演出期間，臺北遭逢霸王級寒流與細雨，林強與「台北室內合唱團」帶來《聽夢｜夢迴》現場演出，冷冽空氣反而讓聲音更顯凝聚。在觀眾的靜聽與回響中，夢的敘事被放大為城市的共感記憶。

投影創作《牽繫》由噪咖與吳秉聖共同完成，將七百多名臺北人來到廣慈的遷徙軌跡與城市變遷，轉譯成層疊流動的地景影像，於裝置周邊投射漫延，聲、光、形在場域內交織，使個人的路徑成為公共的影像，也讓公共的影像回到個人的體感。三天連續演出，留下一次難以複製的集體聆聽經驗。

《Wall of Voices》不只是單件作品，更是一套可被複製與擴充的公共設計方法。《Wall of Voices》以前期聲學模擬與現地量測為基礎，透過模組化構件與參數化節點，建立從數位到工地的「短路徑」。

這意味著未來在不同的室內外情境，如學校中庭、醫療候診區、交通轉運站或博物館廊道，都能依場域條件快速客製，將聲音治理（噪音削減、語音清晰度提升）與藝術表現（沉浸敘事、社區參與）合流。當聲音被視為城市基礎建設的一部分，公共藝術即不再只是「被看見」，更是「被傾聽」。

策展團隊表示，廣慈社宅的公共藝術歷經五年耕耘，感謝長期陪伴的審議委員與在地居民共同參與，正因為傾聽夠久，城市才會說話。



04 在地居民與《Wall of Voices》裝置互動一景
Wall of Voices installation — interaction of local residents with the installation.

03 《Wall of Voices》裝置內部造型
Wall of Voices installation Interior



《Wall of Voices》以建築作為樂器、以社區作為樂譜，使每一次往返與駐足都成為音樂的行間休止符。而《聽夢》則讓夢境不再只屬於夜晚，而是成為白日裡可被分享、被傳唱的公共記憶。當我們在弧形聲鏡間彼此對話，遷徙不只指向地理的移動，更象徵情感與夢的靠近—在流動的地景裡，城市學會傾聽。■

展覽資訊

展　　期｜2025/01/10–02/10
地　　點｜廣慈社會住宅（臺北市信義區）
主　　辦｜臺北市政府都市發展局
策　　展｜吳慧貞／禾磊藝術
藝 術 家｜Florian Claar（裝置）、林強（聲音）、噪咖＋吳秉聖（聲光投影）
協力單位｜實踐大學設計學院 VISION BASE
特別致謝｜參與口述與錄音的社區居民



05 「牽繫」投影展演內部場景
Interior of the projection

Migration Museum—Listening to each other's dreams in a fluid landscape

Wall of Voices kicks off at Guangci Social Housing

Lu Yen-Cheng (盧彥臣),
Assistant Professor Ranked Specialist of Department of Architecture

The public art project organized jointly by Department of Urban Development and Wu Huichen (吳慧貞) from Artfield launched the show, Migration Museum, from January 10th to February 10th, 2025. German artist Florian Claar joined hands with VISION BASE, the College of Design team from Shih Chien University, to build a large-scale sonic architecture, Wall of Voices. With "the community's sound theatre" as its core, the design translates the daily murmuring of the residents, the memory echoes of the city and narratives in dreams into a fluid cityscape that visitors can walk by and be touched by the echoes.

At the venue, visitors can also find Lim Giong's (林強) sound project, Listening to Dreams. In this project, ten local residents each narrates their dreams. The artist produced and mixed the audio sources to transform the narrations into a fluid soundscape among the wooden sound mirrors. Reality and dreams are layered on top of each other in the same space – symbolizing people's encounters in each other's echoes.

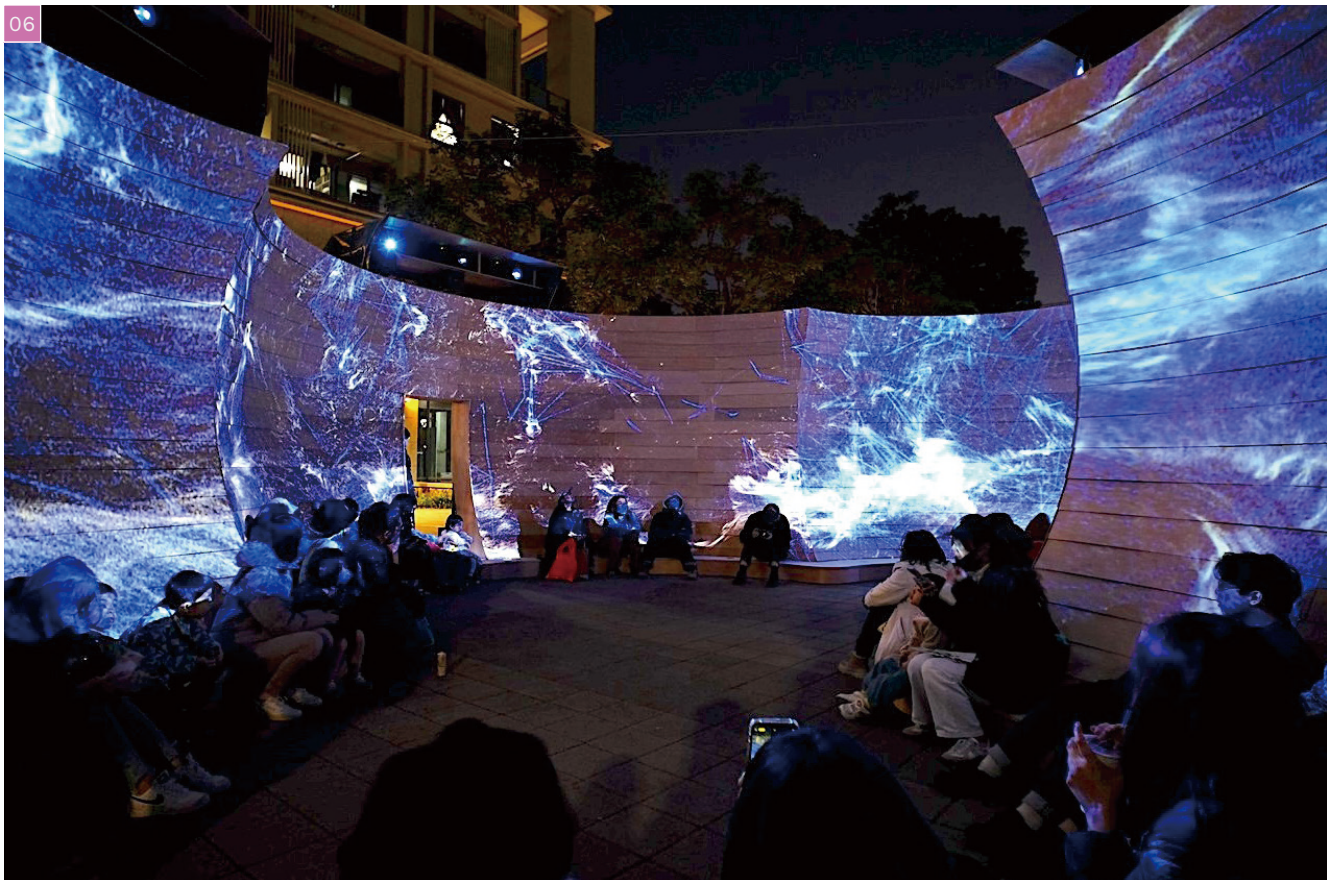
From digital planning to installation: The precise work process

Leveraging acoustic simulation and paraboloids, Wall of Voices used 3D modeling to transform the data into geometric data and nodes and set up the installation with CNC machining and modular parts. Applying a digital approach to Taiwan's traditional clapboard siding, the team used 2D wooden panels as surface materials to cover the arched frame. Finally, a transparent acrylic coating was applied to preserve the grains of the wood – a coexistence of the rustic natural woodgrain and sophisticated technology.

When the audience walk amidst the installation, they can observe the multiple acoustic mirror effect as it reflects and focuses the sound waves, causing an interference effect.

Every step that the audience takes changes their relationship with the sounds, which become a material that can be

06 由 噪咖 + 吳秉聖 共同創作現場投影展演 「牽繫」
Connection, the projection installation collaborated by noiseKitchen Art Co. + Wu Ping-Sheng





07 在地居民與《Wall of Voices》裝置互動
Wall of Voices installation with ocal residents

"sculpted". This project was designed and implemented by Lu Yen-Cheng (盧彥臣), Assistant Professor Ranked Specialist of Department of Architecture and the VISION BASE team, with the support of USC's College of Design. Tasks include numerical analysis of curved surfaces, timber layout tests, joint optimization, digital manufacturing, onsite installation plan, CNC machining, structural computation, lighting design, sound stage analysis and so on.

Through parametric design and pre-installation planning, the team turned the complicated curved surfaces into a measurable public installation that can be processed and maintained. Thus, this sophisticated work of art became accessible in a community setting. An algorithm was used to solve on-site problems, allowing each board to make the correct sound at the correct position.

Listening to the city: reproducing one successful experience in multiple settings

During the opening ceremony, Taipei was hit by a cold snap and drizzle. When Lim Giong and Taipei Chamber Singers performed for the show, Listening to dreams, the cold air made the sounds even more concentrated. As the audience quietly listened to the echoes, the narrative of dreams was magnified to a common memory felt by all.

The projection installation, Connection, was a collaboration of noiseKitchen Art Co. and Wu Ping-Sheng (吳秉聖). The work translated the traces of migration and changes of the city of over 700 people in Guangci to fluid layered images of the cityscape. Sounds, lights and shapes interweaved at the venue to turn individual paths into public images and public images into individual experiences. The consecutive three-day performance created a collective listening experience that is hard to copy.

Wall of Voices is more than a single installation work but a public art design method that can be reproduced and scaled. Based on the early stage of acoustic simulation and on-site measuring and using modular parts and parametric joints, Wall of Voices set up the “shortest path” from digital planning to on-site installation.

This means that in the future, the performance can be customized and reproduced in different indoor and outdoor settings, such as school courtyards, hospital waiting rooms, transport hubs or museum corridors. Sound management (reducing noises and enhancing clarity) and artistic expression (immersive storytelling and community participation) can both be achieved. When sounds become a part of a city’s basic infrastructure, public art can not only be “seen” but “listened to”.

Following five years of hard work to create the public art at Guangci Social Housing, the team would like to thank the panel of judges and local residents for their participation as the city talks with enough listening.

With the architecture as the instrument and the community as the music score, Wall of Voices makes every visit and stop a musical rest. The performance Listening to dreams makes dreams more than something to explore in the night but a collective memory to be shared and passed around during daytime. When conversations take place among the curved acoustic mirrors, migration becomes more than a geographical movement but a closer connection between emotions and dreams –– in the fluid cityscape, the city learns to listen. ■

Exhibition info

Duration | January 10th to February 10th 2025
Venue | Guangci Social Housing (Xinyi District, Taipei City)
Organizer | Department of Urban Development, Taipei City Government
Curator | Wu Huichen ／ Artfield
Artists | Florian Claar (installation), Lim Giong (sounds), noiseKitchen Art Co. ＋ Wu Ping-Sheng (projection)
Co-organizers | VISION BASE (College of Design, Shih Chien University)
Special thanks | Local residents who participated in the narration and recording.

08 《Wall of Voices》裝置內部燈光展示
Wall of Voices installation

