

Echoes in the crack

Cross-media Performance

Echoes in the Cracks is an experimental art project that integrates AI-driven real-time image generation with live performance. At its core, the work explores abstract notions of trajectories, collectives, and formations, translating them into a dynamic audiovisual experience shaped through AI in real time.

Project Overview

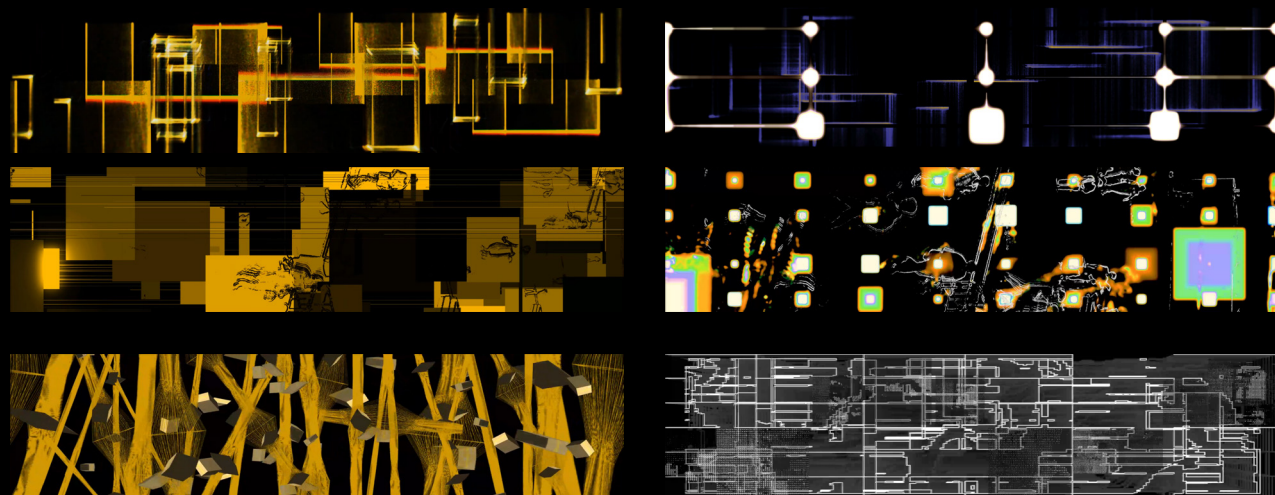
Sound, an art form deeply entangled with time, offers a passage through the gaps between spaces and collectives. Drawing on the diverse individual and collective memories of Shenzhen, the work captures the ebb and flow of shifting crowds between day and night, streets illuminated and dimmed by flickering lights, the rhythmic movement of parcels traveling along assembly lines, and those presences etched deep within the folds of time.

🎵 *Toccata for Marimba*



Through analyzing its rhythm, frequency distribution, and structural layers, the piece is divided into seven phases, with key musical points such as rhythmic transitions and dynamic outbursts serving as triggers for visual generation. Integrating the vibrant, fast-paced local culture of Shenzhen, the work is segmented by rhythmic logic, achieving audio-visual synchronization through differentiated visual elements and expanded expressions.

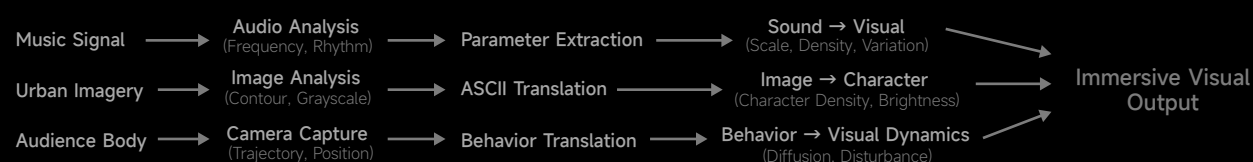
— KEY VISUAL



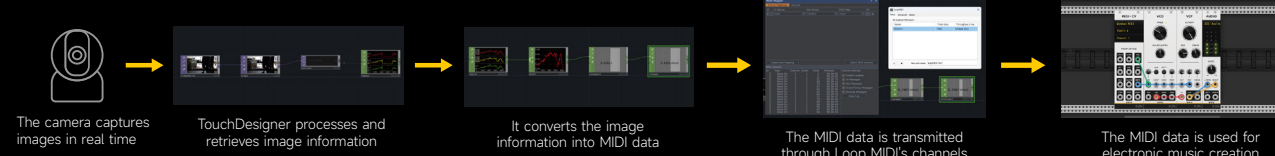
Interactive Technology

Real-time sound frequency and rhythmic features are obtained through TouchDesigner's audio analysis module and translated into dynamic visual changes via a parameter mapping model.

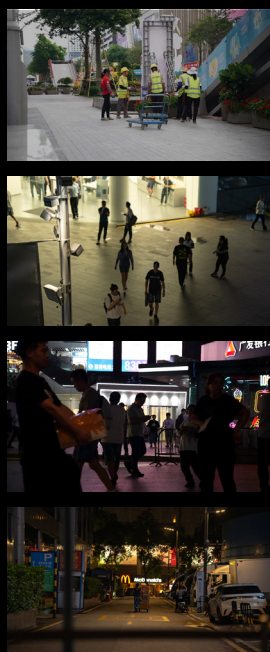
PRINCIPLE OF TRANSFORMATION



PRINCIPLES OF REAL-TIME MUSIC TRANSCRIPTION



Discover



Showcase

