Concert 7

UTC 11:00

(7pm Beijing, Hong Kong, Singapore; 8pm Seoul, Tokyo; 1pm Paris; 12noon London, 7am New York; 4am Los Angeles) **15 April**



International Computer Music





Concert 6

Mystery Computer Music

This work was inspired from the novella Mystery, written by Stephen King in 1980. Hand drum, with its ethereal and soft sound, was first played at the Frankfurt International Instrument Exhibition in 2001. The composer delved deeply into the skill of playing hand drum and the richness of its sounds, and has broken down the limitations of the form of sound by using four channels and treatment technology of electronic music. Besides, the composer also tries to create a special impression of space to make the audience feel like they are in the hand drum, so that they can have a better sense of its mystery.

Jindai Dong

Dong Jindai, born in 1998, received his bachelor degree in Recording arts in 2020. Now he is the graduate student of Electronic Music Department of Sichuan Conservatory of Music, and studies electronic music composition with Prof.Lu Minjie. His works include acousmatic music and mixed electronic music. His music used to be selected in MUSICACOUSTICA-BEIJING Composition Competition.

Concert 6

Hear the Light

Audio-visual

15 multi-channels, LED Light Design, Fog Machine An Immersive Sound Installation at National Taichung Theater, Taiwan. 2018.12

(AmbiX format to Binaural mode)

"When the world turns dark, can sound be our guide to the light?"

This work was cooperated with fifteen choristers, the composer and singers did stage their experiment of vocal sounds in the whole building of National Taichung theater for 2.5 months. Based on this experience, the composer recorded vocal sound then re-organized with samples to complete this spatial composition work. Through the Ambisonics technique, it full-out shows how the immersive sounds blend with the theatrical space. This room named Tutu Gallery, is one special and experimental space of the National Taichung Theater which has very beautiful reverberation just like a typical natural valley. Therefore, we decided to output completely dry sound content from 15 channel speakers and tried to present raw sound with the original acoustic of TuTu Gallery and recorded by Ambisonic Microphone. It successfully captures the directionality and textural reasoning of the spatial acoustic characteristic, especially we need to mention about the idea of "Sound Cave" when the famous architect Ito Toyo built this theater building. Now, you can percept this genius space by your hearing and through your earphone to feel how the live sound performed at that time, in that room.

TuTu Gallery, a free-form space resembling Natural Grotto built by world famous architect Ito Toyo. It is constructed by the organic and bionic way; its cavernous surfaces and irregular shapes endow an extraordinaire property of Acoustic Field that Ito Toyo called Sound Cave". This piece Hear the light 聽見光" was installed here by 15 channels speakers; that is, various

Surrounding Sounds will be displayed in through the full-sphere house. It does not only reify the spatial kinesis extensively – as if one was withdrawn into a valley in mist; but simultaneously, when the fog gets thick and the diming light starts to blur the audience's vision, everybody's Hearing has eventually become the sui generis organ on the track of self's spatial orientation. Along the sounds

come from all quarters, all bodies spontaneously float up, sink down and immerse themselves. The profuse sounds have totally evoked our somatic state, then settled us on a dream-like, kaleidoscope-like Fuzzy World. Hear the light 聽見光 invite every audience member to saunter,

to perch, to explore by your auditory perception, and ultimately to reconstruct your sensory subjectivity with this space.

Olifa HSIEH

After Olifa HSIEH finished her horn classical performance degree from Taipei Soo-chow University(2001~2005), and Lübeck University of Music MA (2005~2009) in Germany, she continued to study new media composition and live electronic performance techniques at the Hamburg High Institute for Music and Theater/European Live Electronic Center (Certification). She has learnt contemporary composition, acoustic techniques, and analog/digital synthesizer performance under Prof. Helmut W. Erdmann. In 2011, she processed her study and research further in time-based media art at the University of Fine Arts Hamburg, and collaborating with difference artists.

In 2013, Olifa returned to Taiwan and founded "IMPRO.453", a sound theater with music ensemble in live art to perform in difference venues or spaces. Olifa is well known for establishing abstract sound performance vocabulary as a communication tool to link difference art materials. Her skillful uses of vocal, instruments, acoustic and electronic sound combining all kinds of materials in multi-channels sound techniques possess the feeling of expansion of another space in time for the listeners and try to create multidimensional listening mode. 2018, Olifa continues her research about Sound and Space at National Chiao Tung University in Taiwan, studies with Ph.D. program and major in digital architecture. She now bases in Taiwan and continues her interests in sound art, architecture theory, Ambisonics, VR, AR, immersive experience and live-art. Since 2020 she also gives lectures about sound art, electronics music composition and new media art at CUTE, NCTU and NTUA in Taiwan. Since 2021, she is the president of the Taiwan Electronic Music Association (TCMA).

Concert 6

The silence of the sea

Computer Music

Under the aurora in the black night sky, whales in the distance jumped and fell to set off waves, and the white water foam was annihilated in the reciprocation of acceptance and rejection in the sea. Regardless of worshiping or fearing giants, they cannot escape the confinement of "human insignificance". Based on this scene, the work attempts to look beyond the perspective of "human existence" to examine "human existence" itself, and to think about the connection between human beings and all things in the world.

Jinglong Wang

Concert 6

Flowing Light

Audio-visual

With the existence of light, things can be visually captured. Light itself, as a type of radiation, can be seen as "invisible sound" because the vibrations in the radiation can be heard once they are converted into sound signals. Audiovisual elements can be fundamentally integrated in the digital space. Through the sensor capture and programming, the light from the real space can also shine into the digital space, allowing the viewer to hear the sound of light and see another form of light. Flowing Light uses light to construct audio-visual content in a digital space. The viewer waves any illuminated object over the sensing area to generate a virtual landscape and ambient sound from the light data in the image. By transforming ordinary lighting into a source of control and at the same time acting on audio-visual content generation. Flowing Light brings the audience an interactive experience of sensory penetration.

All content of the work is created based on Max/MSP/Jitter programming environment. The image part of the work converts two-dimensional images into three-dimensional environments in real time by taking light brightness as the third dimension. While picking up the image, the program will extract the highlighted track as the control data, and the parameters of various sound synthesis algorithms inside the program will change. The deep data linkage makes the motion, image and sound become one, and the gesture of the audience will act on the content generation and change of the sound and image simultaneously. Compared with similar installation works, this work does not use space sensors that will limit the number of people experiencing at the same time. Only highdefinition cameras are used to collect all data, and the audience entering the sensing area can interact with the installation, ensuring its publicity as installation art.

Shihua Ma (China Conservatory of Music)

A new media artist, educator and music technologist based in Beijing. He received his Ph.D. with electronic music composition studies at the Central Conservatory of Music. As a cross-media artist, he has performed at major international art events. He is now served as a lecturer of electronic music composition in the Composition Department of China Conservatory of Music. He has long been dedicated to studies on computer music and audiovisual art. His interactive multimedia works have won awards in the MUSICACOUSTICA BEIJING Composition Competitions. He has given speeches on Asian New Media Art Forum. His new media music works such as Cinemagic, Boundless, Hymn for Creators have been staged in art events in China, the United States and Europe, including at MUSICACOUSTICA BEIJING, Shanghai Electronic Music Week, Poland Audio ART FEStival, IEMC(2016), ISCM(2018), ICMC(2020), etc. His installation art works Sons-Paysahes and Mimetic Still-Life were exhibited at B3+Beijing moving image Exhibition (Central Academy of Fine Arts Art Museum)

in 2015, and at China Music New Media Alliance Installation Exhibition in 2018. Ma Shihua has published several academic papers in journals and won the highest award twice in the MUSICACOUSTICA BEIJING Paper Award.

Concert 6



Audio-visual

本作品的创作灵感来源于作者在火锅店的对食客们的一次观察和对火锅风味的一次思考。

烩煮人间,人间各态,千滋百味,回味无穷。

火锅包容了万食,人间亦包容了万物,人们在其中扮演着各式不同的角色, 却又被某 种纽带紧紧的联系在一起。人间烟火气,最抚凡人心。从手到口, 从口到心,人们延续着 对世界和人生特有的感知方式,只要点起炉火,端起 碗筷,每个平凡的人,都在某个瞬间,参与创造了他们人生的非凡史诗。

Zhang Yinan (Zhejiang Conservatory of Music)

Zhang Yinan studied in the Department of Music Engineering, Zhejiang Conservatory of Music, under the tutelage of Mrs. Li Qiuxiao. She won the first prize in the music composition category of the 2018 China Student Computer Design Competition and the third prize in Group C of the 2019 Beijing Electronic Music Festival, participated in concert of the 2021 Earth Day Art Model and concert of the 2021EMSAN Day.

Concert 6

幽篁 Seclusive and mysterious bamboo forest

Computer Music with Instrumentalists

The visuals use programming techniques to downscale an otherwise three-dimensional graphic, and then sound to continually activate the graphic so that it constantly appears to be living and dying, fading and rising, dividing and combination. The composer intended to express a quiet heart and introspection in secular.

Tong Chen

Chen Tong, young composer, new media art researcher and sound designer. She studied composition and Max/MSP with Prof. Xiao Hu and Takayuki Rai, studied electronic music with Prof. Jeffery Stolet in Oregon University, and learned Faust language with Yann Orlareyo in Hanyang University, Korea. Now, she is teaching Composition, Music Form, Electronic Music Technology and some other courses in MianYang Normal University and Chengdu University. Her works have won awards and performed in different competitions and music festivals in the United States, France, South Korea, Uruguay, China, such as IRCAM Workshop2019, Musicacoustica-Beijing, ICSC, WOCMAT, EMSAN, etc. In recent years, she founded Signal Light Art Group with other artists whose installation works have been performed in the Chengdu MOCA and other art centers.

Wang Renchi (visual)

Digital Media, MFA

Academician of Beijing People's Painting Academy

2012 Graduated from Sichuan Fine Arts Institute, Department of Visual Communication

2018 Graduated from Sichuan Fine Arts Institute, Department of Visual Communication, Digital Media

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