

December 2

9:30-10:00 Opening ceremony

10:00-11:00 Opening lecture

Yoichi Ando

Individual preference for health, recovering environments and keeping peace

11:00-12:00 Visual environment, Chair: Dr. Yoshiharu Soeta

Yoshinobu Miyamoto

Origami space-time: Folding in art and science

Yosuke Okamoto

The attentional effect by temporal change of luminance

Yayoi Yanagiguchi, Ryota Shimokura, Yoji Iiguni

Dance motion analysis by *Kinect* and dance-to-rhythm conversion algorithm

12:00-13:30 Lunch break

13:30-14:30 Keynote lecture 1

Shin-ichi Sato

Acoustic design of concert halls

14:30-15:10 Environments and design, Chair: Dr. Pyoung Jik Lee

Yoichi Ando and Marianne Jōgi

Dynamical theory of preference: Maintaining survival power amid various stressors

Ryota Shimokura

Appropriate background music in coffee shop and autocorrelation analysis

15:10-15:30 Coffee break

15:30-16:30 Sound source design, Chair: Dr. Shin-ichi Sato

Hajime Yano and Yoshiharu Soeta

Cortical magnetic activities induced by salient birdsong in noisy conditions

Yoshihiro Akamatsu, Ryota Shimokura and Youji Iiguni

Sound exposure level and intelligibility of Japanese monosyllables in individuals with sensorineural hearing loss

Junichiro Otani, Ryota Shimokura, Yoji Iiguni, Hiroshi Hosoi, and Tadashi Nishimura

Implementation of active noise control on cartilage conduction hearing devices

16:50-17:30 Room acoustics, Chair: Prof. Yoshinobu Miyamoto

Yasutaka Ueda and Takumi Yoshida

Acoustical characteristics in music rehearsal room with diffusers

Alessandro Cocchi, Marco Cesare Consumi

News about musical spaces in Italy

18:30- Banquet

December 3

9:30-10:30 Keynote lecture 2

Pyoung Jik Lee, Sang Hee Park, and Alessia Frescura

Psychological and physiological evaluations of building noise

10:40-12:00 Psychological and physiological evaluations of noises, Chair: Dr. Yonghee Kim

Saifuddin Kazi, Moniruzzaman Md., Quader Abdul Mohammed, and Shahinuzzaman Md.

Mental health of inhabitants in high-rise building relating to traffic noise

Trieu Bach Lien, Nguyen Thu Lan, Bui Thanh Loc, Takashi Yano, Hiraguri Yasuhiro, Morinaga Makoto

The impact of demographic and residential factors on aircraft noise-induced health effects at Noi Bai International Airport

Songmi Lee, Hansol Song, Jeonghun Kim, Suhong Kim, and Jongkwan Ryu

Subjective evaluation of low-frequency noise from outdoor unit of air conditioner in

residential building through auditory experiment

Jeonghun Kim, Songmi Lee, Hansol Song, Suhong Kim, and Jongkwan Ryu

Just noticeable difference of SPL in low-frequency range for heavyweight floor impact sound in residential building

12:00-13:30 Lunch break

13:30-14:30 Keynote lecture 3

Yoshiharu Soeta

Sound quality analysis based on correlation mechanism

14:30-14:50 Coffee break

14:50-16:30 Noise evaluation, Chair: Dr. Saifuddin Kazi

Sungchan Lee and Yonghee Kim

Sound power level of construction machinery in open space and construction site

Guk Gon Song, Yong Hee Kim, Yong Jin Yoon, So Young Kim and Ji Hoon Park

Floor impact sound reduction performance according to dynamic stiffness of EPS resilient materials

Bui Thanh Loc, Nguyen Thu Lan, Hiraguri Yasuhiro, Morinaga Makoto and Trieu Bach Lien

Effect of different noise-power-distance data on the validity of noise maps calculation for airports in Vietnam

Thu Lan Nguyen, Ichiro Yamada, Masaharu Ohya, Koichi Makino, Vu Thi Thanh, and Takashi Yano

A study on suitable noise metrics for aircraft noise policy-making in Vietnam

Yong Hee Kim, Yong Jin Yoon, Guk Gon Song, Ji Hoon Park, So Young Kim and Jeong Ho Jeong

Noise reduction performances of tunnel-shaped noise barriers

16:30-16:50 Closing ceremony