ICA2019（2019.9.9-13, Aachen, Germany）
(23rd Int. Cong. Acoustics)

Oikawa Lab.

waseda university
INTERMEDIA
ART+SCIENCE
The Department of Intermedia Art and Science

WASEDA University
早稲田大学

Tuesday, September 10

Estimating sound intensity from acoustic data captured by parallel phase-shifting interferometry, pp. 2765-2772
Fumihiko Imaeda, Risako Tanigawa, Kenji Ishikawa, Kohei Yatabe and Yasuhiro Oikawa
Classification: Electro-acoustics and (3D) audio signal processing
Session: Topic 02 - Posters: Audio signal processing (measurement, sensors, arrays)

Detection of clean time-frequency bins based on phase derivative of multichannel signals, pp. 2797-2804
Atsushi Hiruma, Kohei Yatabe and Yasuhiro Oikawa
Classification: Audio signal processing (measurement, sensors, arrays)
Session: Topic 02 - Posters: Audio signal processing (measurement, sensors, arrays)

Designing Nearly Tight Window for Improving Time-Frequency Masking, pp. 2885-2892
Tsubasa Kusano, Yoshiki Masuyama, Kohei Yatabe and Yasuhiro Oikawa
Classification: Audio signal processing (measurement, sensors, arrays)
Session: Topic 02 - Posters: Audio signal processing (measurement, sensors, arrays)

Dynamic local sound field synthesis with multi-channel 1-bit signal reproduction system, pp. 3071-3076
Kurokawa Kakeru, Izumi Tsunokuni, Yusuke Ikeda and Yasuhiro Oikawa
Classification: Electro-acoustics and (3D) audio signal processing
Session: Topic 12 - Posters: Electro-acoustics and (3D) audio signal processing

Wednesday, September 11

Effect of handy microphone movement in Mixed Reality visualization system of sound intensity, pp. 4452-4459
Yuta Kataoka, Wataru Teraoka, Yasuhiro Oikawa and Yusuke Ikeda
Classification: Environmental sound (sources, propagation)
Session: Topic 11 - Posters: Environmental sound (sources, propagation)

Fourier Spectral Method for Acoustic Simulation with Domain Enclosed by Curved Boundary, pp. 4504-4510
Yu Kohase, Tsubasa Kusano, Kohei Yatabe and Yasuhiro Oikawa
Classification: Room acoustics
Session: Topic 20 - Posters: Room acoustics

Sound Field Evaluation by using Closely Located Four-point Microphone Method and Mixed Reality Technology, pp. 4598-4604
Wataru Teraoka, Yuta Kataoka, Yasuhiro Oikawa and Yusuke Ikeda
Classification: Room acoustics
Session: Topic 20 - Posters: Room acoustics

Thursday, September 12

Sparse Modeling of Musical Instruments Sounds in Time-frequency Domain, pp. 6502-6509
Hiromu Ogi, Kohei Yatabe, Yasuhiro Oikawa, Yusuke Miyagi and Koji Oishi
Classification: Musical acoustics
Session: Topic 16 - Posters: Musical acoustics