



CERIES

Tohoku University Electro-Related Departments
Global COE Program

Center of Education and Research for Information Electronics Systems

Workshop on Sound Field Control and Sound Field Perception

9th, September 2011

Main conference room, 4F, 2nd building,

Research Institute of Electrical Communication, Tohoku University

Group C seminar, Tohoku University Electrical-Related Departments Global COE program

Program

13:30-13:35 Opening Remarks

13:35-14:20 (Keynote lecture 1)

Spatial Equalizer; its Motivation and Applications

Yang-Hann Kim, Professor, Korea Advanced Institute of Science and Technology, Korea

14:20-14:50

Comparisons of WFS, Ambisonics, and Brightness Control for Sound Manipulation within an Enclosed Space

Jung-Woo Choi, Research Associate Professor,
Korea Advanced Institute of Science and Technology, Korea

14:50- 15:20

Calibration and New Feature of KAIST 3D Sound Manipulation System

Jung-Min Lee, Ph.D. Student, Korea Advanced Institute of Science and Technology, Korea

15:20-15:40 Coffee Break

15:40-16:25 (Keynote lecture 2)

When we can expect superior directional control over virtual sound sources from generic rather than individualized head-related transfer functions

William L. Martens Associate Professor, University of Sydney, Australia

16:25-16:55

Binaural Loudness Measurements and the Underlying Summation Process

Luis Alejandro Miranda Jofre, Ph.D. Student, University of Sydney, Australia

16:55-17:25

Investigating Listener's Preference and Brain Response of Multichannel-reproduced Piano Music

Sungyoung Kim, Research Fellow, Yamaha Corporation

17:25-17:30 Concluding Remarks

18:30-21:00 Dinner Party