ASIAGRAPH 2009 Paper Session Program

Session 1   VR, AR   (October 22)

13:00-13:15   Adaptive VR-based Air Quality Visualization Using Perceptual Design
                Hansoo Kim, HyungSeok Kim / Konkuk University

13:15-13:30   Volflex+
                Yu-uki Enzaki, Hiroaki Yano, Hiroo Iwata / University of Tsukuba

13:30-13:45   Image Based Panorama Representation for Immersive Projection Display
                System
                Hasup Lee, Yunsop Han, Yoshisuke Tateyama, Tetsuro Ogi / Keio University

13:45-14:00   Using Virtual World for Project Management
                Koji Takimoto, Tetsuro Ogi / Keio University

14:00-14:15   A Proposal of Image Haptization System with Local Deformation
                Xiangning Liu, Katsuhito Akahane, Masaharu Isshiki, Makoto Sato / Tokyo
                Institute of Technology

14:15-14:30   Face Replacing Snapshot System using 3D Shape Recovered from Multiple Face
                Viewpoints
                Seiji Suzuki, Hideo Saito / Keio University, Masaaki Mochimaru / AIST

14:30-14:45   Billboard representation for Laser-Plasma Scanning 3D Display
                Hiroyo Ishikawa, Hideo Saito / Keio University

14:45-15:00   OpenCABIN Library for Developing Applications on Large Display Systems
                Yoshisuke Tateyama, Tetsuro Ogi / Keio University

Session 2   Image and Sound   (October 22)

15:15-15:30   Brain Computer Interface by using EEG phase synchronization and its
                application for controlling computer graphics
                Yutaro Ogawa, Ikuhiro Ymaguchi, Akira Ikeda, Yasuhiko Jimbo / The University
                of Tokyo, Shinji Sasada / Japan Electronics College, Yoichiro Kawaguchi,
                Kiyoshi Kotani / The University of Tokyo

15:30-15:45   Effects of Depth Cues and Shading Resolution on Lightness Perception in 3-D
                Scenes --- Towards measuring reality
                Syori Soyama, Michiteru Kitazaki / Toyohashi University of Technology

15:45-16:00   High quality computer graphics as an application of a high resolution television
                system
                Masaki Emoto / NHK, The University of Tokyo, Shuhei Tsuruoka / The
                University of Tokyo, Masaru Kanazawa / NHK, Yoichiro Kawaguchi / The
                University of Tokyo

16:00-16:15   The effect on the perception of sound volume balances by the inclusion of
                high-frequency components above the human audible range --- Behavioral
                evaluation on volume balance adjustment
                Ariko Fukushima / The University of Tokyo, Emi Nishina / The Open University
                of Japan, Tsutomu Oohashi / Foundation for Advancement of International
                Science, Takuro Kayahara / Miyagi University, Koichi Hirota, Michitaka Hirose
                / The University of Tokyo

16:15-16:30	3D Interface for Ultra-Scale Visualization System with Tiled Displays Wall Hironori Shigeta, Yasuo Ebara, Kazunori Nozaki, Kiyoshi Kiyokawa, Haruo Takemura / Osaka University
16:30-16:45	Evaluation of Super High Definition Stereo Dome Environment in Science Museum Takeshi Chikakiyo / National Museum of Emerging Science and Innovation, Tetsuro Ogi / Keio University

Session 3　HCI　(October 23)

10:15-10:30	Study on a Museum Guide Robot That Draws Visitors' Attentions --- The Effect of Restarts and Pauses of a Robot's Utterance Hideaki Kuzuoka, Ikkaku Kawaguchi / University of Tsukuba, Karola Pitsch / Bielefeld University
10:30-10:45	A projection system using a screen with low-reflection and high-transmission for displaying artificial shadows Koichi Nakahashi, Masahiro Ishii, Koichi Nakahashi / University of Toyama
10:45-11:00	Test Production of an Asynchronous Distance Learning System for Palpation Training– based on a Pressure Distribution Blended into a Video — A Support to Objectively Assessing the Performances of Clinical Nurses Ryota Shibusawa, Hideaki Kuzuoka, Jun Yamashita / University of Tsukuba, Tomoko Sato, Eri Okamoto, Ayumi Hosozawa, Takayuki Watanabe, Hiroaki Yuze, Naoyoshi Suzuki / University of Shizuoka
11:00-11:15	A Method for Supporting Recognition of Remote Gestures in a Video Communication System Katsuhiko Kaji, Naomi Yamashita, Keiji Hirata / NTT Communication Science Laboratories
11:15-11:30	Wearable and Ubiquitous Technologies for Wildlife Monitoring Application Hill Hiroki Kobayashi / University of Tokyo, JSPS, Jun Matsushima, Michitaka Hirose / University of Tokyo
11:30-11:45	ProCams for Laptop --- New human-computer interaction design comprising projector and camera for use with laptops Takahiko Suzuki, Nobuchika Sakata, Shogo Nishida / Osaka University
11:45-12:00	Memorization aid on the electronic document and AR interface Yasuhiro Kamo, Yasushi Ikei / Tokyo Metropolitan University
12:00-12:15	Extraction and transmission of the biological implicit knowledge of artisan for skill acquisition Rika Ito / The University of Tokyo, Atsushi Hiyama, Hidetoshi Namiki / Tokyo University of the Arts, Mariko Miyashita, Tomohiro Tanikawa, Masasaki Miyasako, Michitaka Hirose / The University of Tokyo
12:15-12:30	EEG Measurements With A Portable BCI System Towards A New Method of Indexing Digital Contents Hideaki Touyama / Toyama Prefectural University

Session 4　ART　(October 23)

15:00-15:15　　Mosaic Image Generation using 3D Models
Takahiko Noda, Kazunori Miyata / JAIST, Eriko Kimura, Naoki Kawai / DNP Co. Ltd.

15:15-15:30　　Simulation of Natural Bubble Ring Phenomenon Using Particle Level Set Method
Sejuti Rahman, Yoichiro Kawaguchi / University of Tokyo

15:30-15:45　　iFeel_IM!: Affective Haptic Garment for Emotion Enhancement during Online Communication
Dzmitry Tsetserukou, Alena Neviarouskaya / University of Tokyo, Helmut Prendinger / National Institute of Informatics, Naoki Kawakami, Mitsuru Ishizuka / University of Tokyo, Susumu Tachi / Keio University

15:45-16:00　　Simulation of Swarm Preservation - Boids as Preservation System of Swarm Behavior
Shigeru Ichihashi, Shogo Yonekura, Yoichiro Kawaguchi / The University of Tokyo

16:00-16:15　　"VMP My Ride": Windshield Wipers That Swing
Michael Cohen, Julián Villegas, Mamoru Ishikawa, Akira Inoue, Hiromitsu Sato, Hiroki Tsubakihara / University of Aizu, Jun Yamadera / Eyes, Japan

16:15-16:30　　Interactive picture book with small IC tags --- Story creation by shuffling pages
Hiroki Yamada / University of Tokyo

16:30-16:45　　Complex organic motion based on a simple power source
Yuzuru Tanahashi, Junichi Tatsumi, Yoichiro Kawaguchi / The University of Tokyo