

Asia Pacific Workshop on Mixed Reality 2016

Technical Program

April 22 (Friday)	
14:00	Pick up at Busan International Airport via our chartered bus
16:30	Arrive at Richell Hotel, Registration and Check-in

April 23 (Saturday)	
7:30~8:20	Breakfast at the hotel
8:20~8:50	Registration
8:50~9:00	Welcome
9:00~10:20	Paper Session 1, AR Interaction, Seokhee Jeon (Kyung Hee University) <ul style="list-style-type: none"> ● Ja Eun Yu and Gerard J. Kim, "Blurry (Sticky) Finger: Proprioceptive Pointing and Selection of Distance Objects for Optical See-through based Augmented Reality" ● Youngkyoon Jang, Ikbeom Jeon, Tae-Kyun Kim and Woontack Woo, "Symbolic Hand Gesture Interface in Wearable AR" Kazuma Inukai and Nobuchika Sakata, "Estimate head posture with neck dangling device"
10:20~10:30	Break
10:30~11:20	<ul style="list-style-type: none"> ● Keynote Speech 1 Christian Sandor
11:20~12:40	Paper Session 2, Tracking and Registration, Ryosuke Ichikari (AIST) <ul style="list-style-type: none"> ● Yoshikatsu Nakajima and Hideo Saito, "Viewpoint Generative Deep Learning (VGDL) : A Method of Camera Pose Estimation by Classifying Viewpoint with Deep CNN" ● Hyung-II Kim and Woontack Woo, "Smartwatch Assisted Robust 6-DOF Hand Tracking System for HMD Based Augmented Reality" Jungsik Park and Jong-II Park, "Image Recognition Performance of Binary Feature under Different Matching Strategy"
12:40~13:50	Lunch
13:50~15:10	<ul style="list-style-type: none"> ● Paper Session 3, Rendering and Modeling, Joo-Haeng Lee (ETRI) ● Chang Liu, Alexander Plopski, Tomohiro Mashita, Yoshihiro Kuroda, Kiyoshi Kiyokawa and Haruo Takemura, "Automated Backlight Adjustment of Optical See-through HMDs for Improved Visibility" ● Arno In Wolde Luebke, Takafumi Taketomi, Goshiro Yamamoto, Christian Sandor and Hirokazu Kato, "Towards Photorealistic Rendering using Pre-Captured HDR Environmental Images for Outdoor Handheld Augmented Reality" Chun Xie, Yoshinari Kameda and Itaru Kitahara, "Interactive Projection-Based AR System in a Large Scale Space"
15:10~15:20	Break
15:20~16:10	<ul style="list-style-type: none"> ● Keynote Speech 2 Gerard Jounghyun Kim
16:10~17:50	Paper Session 4, Applications and Multimodality, Takefumi Taketomi (NAIST) <ul style="list-style-type: none"> ● Dongsik Jo and Gerard J. Kim, "ARIoT: Scalable AR Framework for Interactive IoT Infrastructure"

	<ul style="list-style-type: none"> ● Youngsun Kim, Seokjun Hong and Gerard J. Kim, "Augmented Reality based Remote Coaching for Fast-paced Physical Task" ● Arsen Abdulali and Seokhee Jeon, "Data-Driven Haptic Modeling and Rendering" <p>Maho Kawagoe, Mai Otsuki, Fumihisa Shibata and Asako Kimura, "Mixed Reality Based Virtual Carving System - Surface Carving Using Tool Device"</p>
17:50~18:40	Poster Session
	<ul style="list-style-type: none"> ● Nobuyuki Kitamura, Yoshinari Kameda and Itaru Kitahara, "A Method to Switch Multiple-View Videos Using Multi-Touch Interface" ● Naoki Shimura, Yoshinari Kameda and Itaru Kitahara, "A Viewpoint Movement Representation Method Between Two Cameras Shooting at Different Distances" ● Masaki Maeda and Nobuchika Sakata, "Considering Expanded Functions of Noise-Cancelling HMD" ● Ryosuke Ichikari and Takeshi Kurata, "Virtual Mapping Party Facilitating Co-creation for the Visually Impaired" ● Kana Oshima, Satoshi Hashiguchi, Fumihisa Shibata and Asako Kimura, "Analysis of Influence on R-V Dynamics Illusion by Mass of Real Objects" ● Euijai Ahn, Sungkil Lee and Gerard J. Kim, "Real-time Adjustment of Contrast Saliency for Improved Information Visibility in Mobile Augmented Reality" ● Joo-Haeng Lee, "Kinematics Modeling of Robotic Projector for Pose Control" ● Junghyun Byun, Seungho Chae, Heeseung Choi, Ig-Jae Kim, and Tak-Don Han, "Scale-Adaptive Tracking with Structured Output" ● Sung Eun Choi and Ig-Jae Kim, "Face Aging and De-Aging Simulation for Augmented Reality Applications" ● Yoona Jeong and Seokhee Jeon, "Vibrotactile-Based Emotion Augmentation Using Emotion-Hapticon Matching During Phone Call" ● Jae-In Hwang, Azeem Syed, Hwangyeon Kim, Elizabeth Adelia Widjojo, Seungmin Rho, Youna Lee, Jinwoo Lee, Junho Kim, "Interactive Wearable Augmented Reality System for Museum."
18:40~19:00	Closing

April 24 (Sunday)	
9:00~11:00	Town Meeting "APMR2017"
11:00~12:00	Lunch and award ceremony
12:00~14:30	Heading to the Busan Airport
14:30	Arrival at the airport