Art Gallery Fact Sheet

Chair: Mark Chavez, Nanyang Technological University, Singapore
Conference: Tuesday 19 November – Friday 22 November
Exhibition: Wednesday 20 November – Friday 22 November

Fast Facts

- The SIGGRAPH Asia 2013 Art Gallery welcomed a myriad of proposals for art works and artistic installations that utilize digital technology including visual and sound works, public and private Augmented Reality installations, as well as visual- and sound-focused performance installations.
- This year, the theme of the Art Gallery is Future/Past pays tribute to the availability and accessibility of the nature of digital tools for creative content development, which in the past, was a challenge to master.
- The Art Gallery program received 200 submissions this year from all over the world.
- A total of 17 pieces will be on display at SIGGRAPH Asia 2013, of which 11 are from Asian countries such as Japan, Singapore, and South Korea.
- An invited set of public art works with a focus on Augmented Reality titled "Virtuale" presented by Digital Art Weeks@SIGGRAPH Asia will also be on display at SIGGRAPH Asia 2013 and after the conference in various central locations in Hong Kong.

A Quote from the SIGGRAPH Asia 2013 Art Gallery Chair:

"This year, the SIGGRAPH Asia Art Gallery welcomes to Hong Kong art works, artistic installations, and academic papers that bring to the foreground theoretical issues concerning contemporary art in our global society. With selections made from an international board of jurors, this year's Art Gallery promises to bring a fresh perspective to the notion of what it means to be alive in the 21st century."

SIGGRAPH Asia 2013 Art Gallery Program Highlights

- **Faceless – An Augmented Installation Exploring 419-Fictional Narratives**
  Andreas Zingerle and Linda Kronman, KairUS

  Faceless is an augmented reality installation questioning the trust we put in online representations and computer-mediated communications. In this installation, vision-based augmentation is used. With a third-party cross-platform augmented reality browser, users can scan photographs and access the augmented-reality layer. The images shown in the augmented layer are the result of an online search in an attempt to confirm or invalidate the authenticity of the scammers' online representations.

- **Perception of Consequence**
  Kamil Nawratil, Volvox Labs

  This multi-dimensional project represents the idea of the consequences and constraints of motion set by the rules of physics. The physical manifestation of this core idea is a 15-feet fabricated structure representing the fluid qualities of dynamic animation. The animation is projected on the fabricated sculpture and played back in stereoscopic 3D. Surround sound and wirelessly-controlled wind encapsulate the installation and ultimately create technology that touches upon something innately human. All of these components are controlled seamlessly via a custom-made software interface.

- **Mise-En-Scène: Elysian Fields**
  Ina Conradi Chavez, Nanyang Technological University

  Orchestrated as an impressive sound and visual experience, Elysian Fields was inspired by the sacrifices made by past generations and expands on an exploration of World War II. Developed around the French term, *Mise-en-scène*, which literally means "putting on stage", this cine-installation will expand spatial and temporal limits of the film narrative into a new and visually impressive experience within the given space. Elysian Fields also fuses fantasy and history to transform the past and re-configure it into the present with the innovative use of projections, visual effects, and stereoscopic 3D animation.

- **When Equations Dance – Tango with Lin Hsin Hsin**
  Hsin Hsin Lin, INFOTECH Resarch & Consultancy

  When Equations Dance – Tango with Lin Hsin Hsin is a 12-part digital dance journeying through equation-based 3D imageries accompanied by digital music real-time performance as the performer, Lin Hsin Hsin, fingers and choreographs her Android-based smartphone screen. As this finger-based choreography unfolds itself onto a screen, images will swirl and twirl, spin, rotate or pirouette, instantaneously.

- **Ijiros**
  Kazushi Mukaiyama, Future University Hakodate
  Yujiro Kabutoya, Database Corporation

  This interactive submission was made based on the concept of how robots can be used to interact and communicate with humans in situations that could need them, such as when caring for the elderly. Ijiros realizes emotional communication between robots and human beings beyond simple responses of commands and signals – it is able to express a variety of emotions using facial expressions and different sounds reacting from the strength, frequency, and direction of the user's actions.

- **DynamicProjection[OCTA]**
  Tatsuro Kudo and Satoshi Kawabata, Kyushu University
  Tsuchishita Tatsuto, Tecmo Koei Holdings Co., Ltd

DynamicProjection[OCTA] is a projection mapping art work "in which objects move dynamically". High-precision tracking of a projected image changes a featureless cube and two panels (made of styrofoam) to what is termed "magic objects", which are both real and virtual at the same time. The accurate motion-tracking enables the performer to not only move according to the image but also move without inhibition.

SIGGRAPH Asia 2013 Art Papers Highlights

- **The Next Generation Poetic Experience**
  Diana Arellano and Volker Helzle, Filmakademie Baden-Württemberg

  This paper presents the motivation, background, and implementation of The Muses of Poetry, an interactive installation that combines dynamically generated character animation, semantic analysis, natural voice interaction, and affect in poetry. Inspired by the subjectivity and ethereal quality of this literary art, this installation enhances the act of reciting poetry by providing a set of characters the possibility to "understand" and manifest the emotional content of the poems through facial expressions and affective speech. This installation also aims to bring poetry closer to a wider audience, while creating a playful, interactive, and surprising experience for the user.

- **Topics on Aesthetic Data Visualization: Viewpoints, Interpretation, and Alternative Senses**
  Hyoyoung Kim and Jin Wan Park, Chung-Ang University

  This paper categorizes data visualization based on various topics. Aesthetic data visualization is similar to conventional data visualization in that it organizes ambiguous data into a database. Artists then tend to integrate the information into their art. In this regard, it might be possible to identify tendencies and examine data as contemporary iconology, as well as discover hidden possibilities of recent aesthetic data visualizations.

- **5 Story Building**
  Ricardo Munoz, Parsons The New School for Design

  5 Story Building is an interactive narrative experience for digital tablets with hints of play and voyeurism. Five simultaneous stories tell the lives of the singular occupants of a confining building.

Full information about the Art Gallery program can be found on
http://sa2013.siggraph.org/en/attendees/art-gallery.html.

For more information about SIGGRAPH Asia 2013 program updates, please visit http://sa2013.siggraph.org.