

Tokyo University
of the Arts
COI Site



Disabilities and Expressions

"Zoo of Sound and Light"



HYOUTE

Vol.7

Arts & Science LAB. COI news

First printing : 20 December, 2016
Editor : Kai Arai, Yuchiro Taira, Manako Tanaka, Riwako Hosaka, Yukio Kammochi, Yuka Awano
Design : Yuchiro Taira, Fumiko Tsuruda
Publisher : Tokyo University of the Arts COI Site
Tokyo University of the Arts, 1-2-8 Ueno-park, Taito-ku, Tokyo, Japan
Tel : 050-5525-2464 Fax : 03-5555-8709
Mail : coi-info@ml.gedai.ac.jp Web : <http://innovation.gedai.ac.jp>
Paper : VENTNOUVEAU FFS

Exhibition: "Stylish Ukiyoe Touchable with the Eyes" in LUMINE 0

Culture Sharing



Exhibition "Stylish Ukiyoe Touchable with the Eyes"
(event "GENDAI ARTS LUMINE 0")

TUA and Lumine Co., Ltd. co-organized a "GEIDAI ARTS LUMINE 0" (July 28th - August 14th, 2016) in the recently opened "NEWoMan", a commercial facility in Shinjuku's New South area. A range of events across different genres were held to provide an opportunity to portray new styles of culture.

In one of the exhibitions "Stylish Ukiyoe Touchable with the Eyes", the COI helped to completely recreate the Ukiyoe paintings from the Spaulding collection of the Museum of Fine Arts, Boston. The scent was also added to create ukiyoe that visitors could touch and smell. Up close, the visitors could smell a mysterious and intriguing agarwood and enjoy the soft scent of plum from the paintings. It was a groundbreaking project as proven by the fact that, on average, visitors stayed longer than they would at other exhibitions.

Mr. Kentaro Makino (NHK Promotion), an Ukiyoe expert was invited to give a lecture on July 30th. High resolution ukiyoe paintings were shown on a big screen and he impressed the audience with his commentary on the beauty in the detail; hidden codes and mysteries in the paintings. Our hope is to continue to build a society where people can feel a cultural inspiration, not only in the artistic and cultural Ueno area but also in parts of Tokyo that leads business and fashion trends.

Exhibition "Stylish Ukiyoe Touchable with the Eyes"
(event "GENDAI ARTS LUMINE 0")

Date: Thursday July 28th – Tuesday August 9th, 2016
Venue: LUMINE 0, cultural exchange center, in NEWoMan
Time: 11:00-20:00 (last entry 19:30)
Fee: Free of charge
Sponsor: TUA Public Collaboration Center, Lumine Co., Ltd.
Cooperation: TUA COI Site

"Zoo of Sound and Light" a workshop to support developmental disabilities on August 24th

Disabilities and Expressions



"Zoo of sound and light" (Arts & Science LAB.)

A workshop for children with developmental disabilities was held in the round dome theater of the Arts & Science LAB, co-hosted by the "Research on disabilities and expressions" and "Research on synesthetic media" groups, Benesse Foundation for Children, NPO ADDS (Advanced Developmental Disorders Support). In total, 47 people participated from 21 families.

A musical ensemble of nine first welcomed the children; they introduced their musical instruments and as an icebreaker, played the game of "guess the animal by the sound". The children then made paper craft animals with different colors for each body part. While preparing "digital coloring" to take photographs on iPads, special therapists assessed the children's abilities. Then they continued to play in the sand with projection mapping and trying out different instruments, while the parents moved to a different room to have a casual discussion about rehabilitation and educational needs.

The children were overjoyed when they saw the paper animals they made earlier in the day dancing on a screen to "the carnival of the animals" by Saint-Saëns, shouting "that's my fish!" Unexpectedly, there was a round of applause and a call for an encore from the children.

There are many types of developmental disability - Autism, Asperger's syndrome, ADHD etc. Some children who did not like the coloring, but were happily playing in the sand instead. It was interesting to find that it is not difficult for them to enter a new world if they feel they fit in. Children with developmental disabilities are often described as "anti-social" or "not able to think flexibly" but in fact, that is what a child is like; children nowadays are adult-like, pretending to "understand" and "to have fun" but they do not possess the same kind of innocence. I strongly felt that the mission of arts should be to create places where all children can fit in.



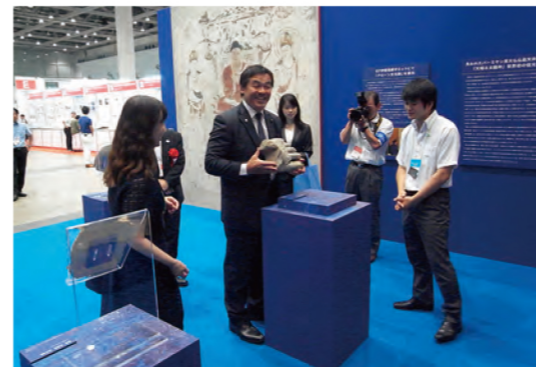
A lecture by Mr. Kentaro Makino "GEIDAI ARTS LUMINE 0"



The scent was also added to create ukiyoe that visitors could touch and smell.

JST Fair 2016

Culture Sharing



Mr. Hiroshi Hase,
former Minister of Education, Culture, Sports, Science and Technology
(JST Fair 2016)



"JST Fair 2016" at Tokyo Big Sight on August 25th and 26th, 2016

We made a presentation with a focus on clone cultural properties at the "JST Fair 2016 - Future Industry Creation Exhibition of Science and Technology" at Tokyo Big Sight on August 25th and 26th, 2016.

16 pieces of clone cultural properties were on display, including the giant mural painting shown at "A Special Exhibition on Afghanistan at Tokyo University of the Arts (TUA), SOSin Afghanistan" which opened in Spring this year; as well as the "Sun God Soaring in the Sky (at 60% of the actual size)" on the ceiling of the East Great Buddha Niche of Bamiyan and the mural painting no.6 of the Main Hall of the Horyuji temple both displayed in the side event on "Terrorism and Cultural Property" at the Ise-Shima Summit in May. The 7-meter high mural painting was displayed vertically and the sheer scale drew the visitors' attention at the event.

In addition, following works were on display: the 3D plastic print of the Shaka triad statue of the Horyuji temple, whose reproduction is in progress at the COI lab; clones of the works displayed in the Musée d'Orsay, complete with clone frames; and the "scented ukiyo-e" co-produced with Ogawa & Co., Ltd. The scented Ukiyo-e is unique in that it links the sight of ukiyo-e painting with the sense of smell. Companies and universities showed interest in the project and it gave an insight into the future work of the COI's Research on Culture Sharing group which strives to promote synesthetic innovation by stimulating the five senses.

Mr. Masaaki Miyasako, the Research Leader spoke at the event on 26th August, to explain the importance of creating clone cultural properties that inspires the world and makes it possible to preserve and display precious cultural assets simultaneously.

The event saw many visitors including Diet Members such as Mr. Hiroshi Hase, former Minister of Education, Culture, Sports, Science and Technology; JST-affiliated staffs; Universities and companies. Researchers and staffs including Miyasako RL, were able to exchange useful ideas with the visitors.

Android-human theater "Sayonara"

Robotic Performing Arts

Android-human theater "Sayonara" was performed at the Okazaki Junior High School affiliated to Aichi University of Education on August 30th and a discussion session with the students was held afterwards.

Okazaki Junior High School is renowned for integrating active learning and not using textbooks. The students had read and analyzed books by Professor Hiroshi Ishiguro and Professor Oriza Hirata of Osaka University for three months between September – November for this state-of-the-art Japanese language class. They also discussed what it means to be human and to have a heart. Through this, the students gained a certain level of knowledge about robots and android theater so we were able to have an in-depth and active discussion after the performance, with lots of good questions from them.

The Research on robotics & performing arts group is looking to expand our activities in multiple ways. We would like to conduct more classes like this all over Japan; develop a program for elementary schools, and classes at university level exploring the theme of robots and art.



A discussion session
at the Okazaki Junior High School affiliated to Aichi University of Education

About "Clone Cultural Properties"

Takashi FUKAI

Department of Sculpture, Professor
Tokyo University of the Arts

Through various exhibitions this year, clone cultural properties produced by the Research on Culture Sharing group made a strong impact. Between April - June, nearly 0.6 million people visited the "Special Exhibition on Afghanistan at Tokyo University of the Arts SOSin Afghanistan", displaying the clone cultural properties of the mural painting destroyed by the Taliban. It was produced almost to the same size, so the visitors would have been struck by the beauty of it as well as feeling a sense of loss as it is now completely lost. At the G7 Ise-Shima Summit, we were able to show the reproductions of the mural painting on the ceiling of the East Great Buddha Niche of Bamiyan and the mural painting of the Main Hall of the Horyuji temple to the G7 leaders. Using the clone cultural properties as a medium of expression, it was an opportunity to demonstrate the terrible damage terrorist attacks have on cultural properties.

TUA COI consists of several groups; of which Research Culture Sharing group has the largest number of staffs. Most of the researchers and assistants in this group have studied oil painting, Japanese-style painting, sculpture, crafts, design and cultural conservation. The clone cultural properties they create are perfected using the best techniques and senses. Without the patented technology and the staffs of the Research on Culture Sharing group, the clone cultural properties would not exist.

So what can clone cultural properties do? One is to recreate lost cultural property. The mural paintings of Bamiyan and Horyuji temple were recreated using only data images that were left. It is also possible to recover its original form from only a small part that is left. By contrast, for the restoration of the Shaka triad statue of Horyuji temple that is currently ongoing, we have generated the 3D data from the original statue, printed it using a 3D printer and made a metal cast. Once complete, we plan not only to exhibit them in Japan but also overseas. We would like as many people to see and experience these great artworks. It also acts as a back up in case something unfortunate happens (we hope not!). The same goes for Bruegel's "Tower of Babel", Van Gogh's self-portraits, and other clones that are currently planned for the future. We would like to contribute to society by expanding the potential role of clone cultural properties. We welcome ideas from the private companies and organizations.

Mr Keiichi Teramoto, Mr Toshiki Mise and Mr Kohei Kakizaki



(from left) Mr Kohei Kakizaki, Mr Keiichi Teramoto, Mr Toshiki Mise, in the "Mihoncho Honten" Showroom

Takeo Co., Ltd. has just joined the TUA COI Site from September 2016. At COI Site, they will use their expertise and knowledge gained since its foundation in 1899 as a paper trading company, to pursue opportunities for the different roles that paper can play, including developing new types of paper for clone cultural properties. Mr Keiichi Teramoto, Mr Toshiki Mise and Mr Kohei Kakizaki will be talking to us about their work at COI Site.

– How would you describe Takeo as an organization?

We are a trading company that has specialized in paper for 117 years. But we have not always been creating the same paper products; we have the know-how to provide paper materials that fit the needs of the time. As a "manufacturer without machinery", we launch products that meet the needs of the market by collaborating with manufacturers. Our philosophy is to "create your own if you don't find what you're looking for".

– What will your research be about?

We will develop new types of paper to help create clone cultural properties. By using paper machinery, we can mass produce paper of guaranteed quality. So far Japanese handmade paper has been used for clone cultural properties. Compared with handmade paper, machine-made paper is time and cost efficient.

Given that Japanese paper handmade by an artisan has a personal touch to it that we value, we are not always sure ourselves whether paper material used for clone cultural properties should even be of the same quality. Nevertheless, development of paper for clone cultural properties is such an interesting theme for us to explore. As the number of paper artisans is gradually decreasing, it's significant to pass Japanese paper itself onto the next generation. Furthermore, we can transmit the history and thought to posterity through

reproductions of cultural properties.

– What do you expect from TUA and other COI Site participating companies during this industry-academia collaboration?

We are currently conducting joint research with several other companies on the theme: "research on culture sharing". It would be wonderful if we could work together towards an exhibition or an event, by combining each of our expertise.

– What are your aims as we move towards 2020?

Looking back on the history of the relations between major international sports events and Takeo's specialized paper, at the last Tokyo Olympics (1964), we were the official provider of specialized paper for posters. Origami cranes, made with our specialized thin paper, folded by schoolchildren all over the country showered the crowd at the closing ceremony of the World Cup, jointly hosted by Japan and Korea (2002). Our goal is to contribute to a successful 2020 Tokyo Olympics with our paper. There is potential for paper to be used for many different things and traditional Japanese handmade paper washi is a material in popular demand since it became a UNESCO Cultural Heritage. We would like to help 2020 by realizing paper's full potential, including washi.



The Paper Maker from "Illustrations of Trade and Crafts of the East and West", a Publication Commemorating the 90th Anniversary of the foundation of Takeo. A design used as Takeo's company logo.



Publications etc compiled and issued every ten years since the 70th anniversary. (70th: Japanese Handmade Papers, 80th: Handmade Papers of the World, 90th: Illustrations of Trade and Crafts of the East and West) These are important publications documenting the history of paper, including those no longer on the market. This symbolizes Takeo's company philosophy "to contribute to culture through paper".