

WHAT'S UP?

Vol. 05 October 2018

A joint workshop between Kyushu University (KU) and Technological and Higher Education Institute of Hong Kong (THEi) was conducted from 24 to 27 July 2018, at KU Ohashi Campus. The Year 3 THEi students are grouped with the Year 4 KU students to work on a project on landscape restoration design in the damaged mountainous area. The site that they are working on is Masue at Asakura City.

Last July, unprecedented torrential rain hit Kyushu, and Asakura City was hardest hit with record high rain fall of 1000 millimetres observed over 24 hours period. The storm broke the trees and washed the trees down with the soil and stones to the houses and farmland in the valley and plain areas. The enormous fast-flowing trees smashed into the houses, bridges and roads and washed them down the river, causing the river to choke and flood.



Photo from Mr Susumu OGAWA

Many people lost their homes, and some lost their lives. At present, it is still a long way to recovery and restoration.

Joint Workshop

between

Kyushu University

x

**Technological and Higher Education
Institute of Hong Kong**



This project focus on providing the Masue residents with a glimpse of hope for their future. How the village can be rebuilt and revitalized to make it safer to live and to attract people to the village. The students are tasked to formulate a master plan near Masue Elementary School which has been

closed. The KU students embarked on the project in June. They started by conducting a field survey to find out and understand the issues on the river, agriculture, farming, architecture, geography, and people. With the knowledge and understanding gained from the survey, they generate possible





ideas and came up with a concept which was presented to the KU teachers and the THEi team of teachers and students on the second day of the workshop.

For THEi students, their main role was to work with the KU students to develop their concepts with realistic solutions and substantial details for the Master Plan. Their plans will be published and presented to the residents of Masue towards the end of the year.



For the first day of the workshop, the THEi students went on a field survey to Masue to get the real feel of the aftermath of the disaster and useful information for the project. With these understandings, they can then better understand the presentation by KU students on the next day. After which, the THEi students and KU students worked very hard together for the next



two days to realize the concept and presented to the teachers in the afternoon of the last day.



The outcomes of the students' work within the two days were commendable. The concepts presented were varied and creative.



Joint Workshop

NATIONAL UNIVERSITY
OF SINGAPORE

x

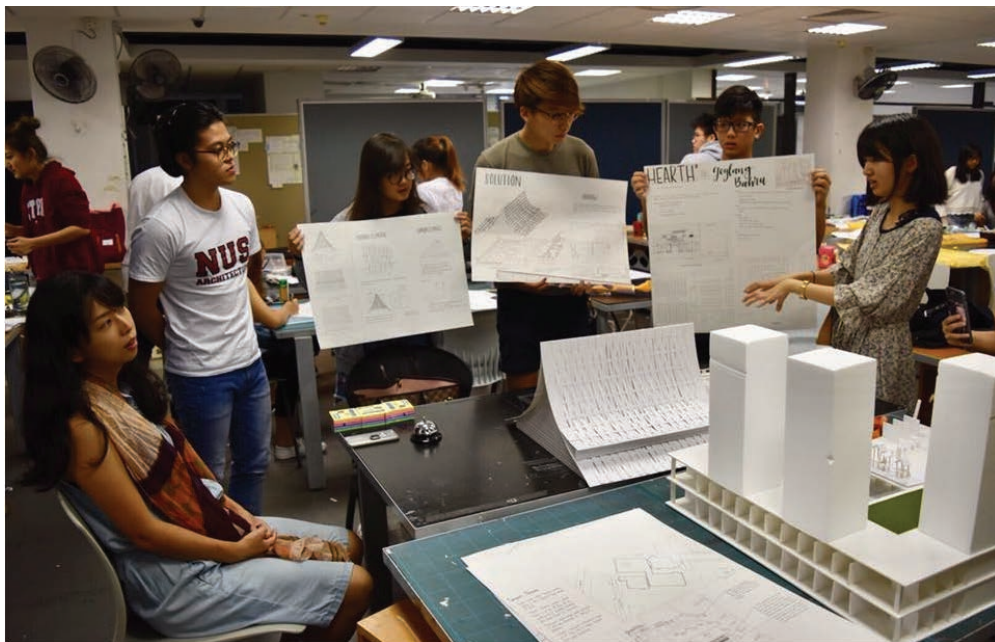
KYUSHU
UNIVERSITY

A joint workshop between Kyushu University (KU) and National University of Singapore (NUS) was conducted from 23 to 30 Aug 2018, at NUS. The students from both universities worked in teams for the studio project.

The challenge for this group of students was to design a new type of hawker centre focusing on the four elements of architecture and paying special attention to the climate and culture of Singapore.



The group started with a lecture on the discourse of architectural elements in the history of architecture by Assistant Professor Iwamoto from Kyushu University. The architecture elements have evolved from The Primitive Hut by



Marc Antoine Laugier to The Four Elements of Architecture by Gottfried Semper. With the focus in functionalism, Le Corbusier updated the architectural elements from the perspectives that “a house is a machine for living in” in his Five Points of Architecture. In the recent years, Rem Koolhaas and his collaborators traced the evolutions of 15 Architectural elements and presented at Venice Biennale 2014, revealing the process of their de-materialisation and informatisation. Assistant Professor Iwamoto highlighted that almost all discourse had been held in a western context, and the modern architectural elements are not always adequate in the hot and humid Asian countries. They need to identify their architecture elements taking into serious consideration of the climate and culture in Singapore.



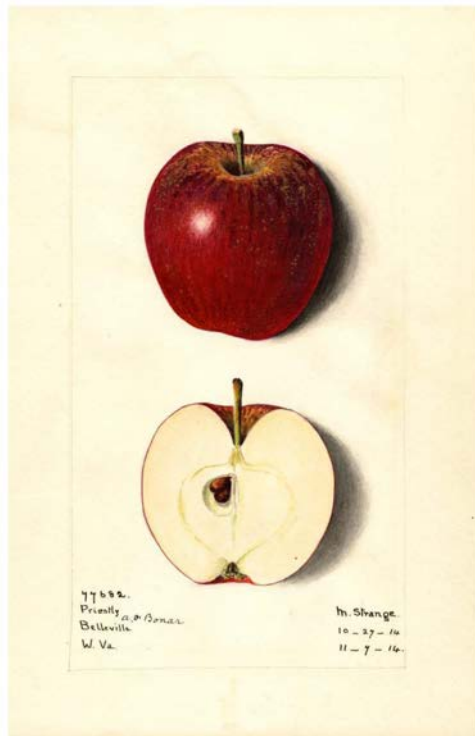
Having this knowledge, the students grouped in teams and set off for site investigation and interviews with the users in the neighbourhood. With the understanding gathered from the investigation and interview, they brainstormed ideas and presented them in

A2 papers and models. A critique session was followed to allow questioning and deepening of knowledge.

The Kyushu University students have the opportunity to learn about Singapore’s diverse culture and architecture ranging from the ethnic-influenced old buildings, colonial-style architecture, and its unique public housing to modern futuristic architecture through NUS students who have graciously brought them around. Also, the students were introduced to the buildings that were built during the period of Singapore nation building and the public housing and private housing from the 1960s to the present days by Assistant Professor Loh Wei Leong from Kyushu University.



Summer School



Food + Wood

"Apple store" in Loughborough
1st LU – ARC Summer School

10-14th September 2018

5 Year 2 students from Kyushu University (KU) joined the Summer School Programme of University of Loughborough from 10 to 14 September 2018. They collaborated and worked in teams for the studio project.

This programme provides a different perspective on the role of the architect. Architects do not only create spaces to shelter people, but they can also design spaces to generate and enhance communities, especially as our society faces challenges with an ageing society.



The students were introduced to the University's Fruit Routes Initiative which is an artist-led initiative aiming to create an edible campus` by planting fruit trees, increasing foraging opportunities and sharing knowledge with the wider community through engaging events that mainly focus on sustainability and art. One of their most popular activity is the annual fruit harvest on campus, which ends with a "fruit sale" in autumn, when the apples collected can be picked up for free.

students. Many questions are thrown to provoke design considerations.

The students visited the site and got to hear and understand the Fruit Routes Initiative and past events. They then formed groups to brainstorm ideas and develop their final solution by making prototypes using the Digital Fabrication Machines such as CNC, 3D Printer, Laser Cutting, etc.

They presented their final solution on the last night and the programme ended with dinner to celebrate their good works and friendship formed.



The new Apple store in the campus will be designed as a focal point of these activities, and it was the task for the students. The store should be a place to meet, learn, share and explore among students, staff and the wider community – fresh apples and the architecture provide a platform for this outdoor engagement. It will act as a place where people can access fruit for free, which should be obvious to passers-by. Also, the store will be unmanned. The



International Workshop

As part of the Commemorative Event of the 65th Anniversary of Friendship between Japan and Cambodia, an international workshop on **“Appreciating modern architecture in Phnom Penh”** was organized by **modern ASEAN architecture** (mASEANa) project team, **Royal University of Fine Arts in Phnom Penh** (RUFA), and **Space for Architecture Cambodia** (SAC) from 15th to 18th June 2018, for students from the Japan and Cambodia Universities.

For this workshop, there were 35 student participants. Of which 15 participants were from Japanese universities: Kyushu University, Tokyo University of Science and the University of Tokyo. The rest were from Cambodian universities: RUFA, Institute of Technology of Cambodia, Norton University and Western University. The workshop was hosted at the Faculty of Architecture and Urbanism of the Royal University of Fine Arts in Phnom Penh.



For the four-day workshop, students get to learn about the post-independence architecture known as “New Khmer Architecture” and the international technology transfer of modern architecture with explicit case studies explained by Professor Yoshiyuki YAMANA from mASEAN respectively. They also know more about the National Sports Complex designed by Vann Molyvann who is known as the ‘Father of Modern Cambo-

modern ASEAN architecture (mASEANa) Project was initiated in 2015, and it is designed to operate for six years. The aim is to gather local and foreign architects, researchers, politicians and citizens to think together and take action on modern architecture in Southeast Asia.

Space for Architecture Cambodia (SAC) is a non-profit organisation of Architects and Architecture students promoting the dialogue about urban heritage as part of Cambodian cultural heritage. SAC aims to widen the knowledge, awareness and understanding of architecture for both inhabitants and visitors.



Floating
Olympic Stadium
Ty Vathanakvibol
2018

dian Architect’, through Assistant Professor Masaaki IWAMOTO from Kyushu University and a site visit to the stadium. Furthermore, the students learnt about photography on modern architecture in Thailand and tips on techniques for photographing modern architecture from a professional photographer, Mr Beer Singnoi, which provided them with some knowledge as a kick start to photography contest on modern buildings.



As an effort to build up mASEAN inventory, the students have a day out to take photographs of the modern buildings in

Phnom Penh. Modern buildings in this context refer to a wide range of architectural styles going back more than a century, from French colonial buildings, New Khmer Architecture, to the architecture of the 1970s-80s influenced by the Eastern Bloc.



The workshop concluded with a rich discussion on modern buildings in Phnom Penh based on their understanding and research findings from the past few days, the photographs presentation and a discussion on the photography contest.



to Professor Yoshitake DOI

Winning the Award from Architectural Institute of Japan

books. The Architectural Institute of Japan recently awarded his most current book, "Perception and Architecture", published in 2017.

This book centred on Claude Perrault, a French medical scientist of the 17th century, a member of the French Academie Royale d'Architecture. It consisted of 3 parts. The first part is a translation of the book, "Ordonnance des cinq espèces de colonnes" written by Claude Perrault to Japanese. It is about his definition and implementation of a new kind of architectural theory, a theory that challenged the nature of the discourse that had emerged in architectural treatises from Vitruvius to the mid-seventeenth century, one in which the rules of architectural design were now to be determined not by apodictic ancient precedents but by reason.

The second part is a chronological and critical overview on the recent studies about Perrault by Wolfgang

Herrmann, Joseph Rykwert, Alberto Perez-Gomez, and Antoine Picon that have shed some light on the issues surrounding this early, fully modern architectural theory.

The last part is Professor Doi's reflection about the interpenetration of perception and architecture, using clues from Claude Perrault's treatise and the others.



Professor Doi is an architectural historian in the Department of Environmental Design. He has done many types of research in Western Architecture and published many



Coming
UP!

October 2018

- Symposium on Education and Research for International Collaboration between Kyushu University and National Taiwan Normal University on 22 Oct at Kyushu University, Ito Campus.
- Lecture by Associate Professor Hazel Easthope from University of New South Wales on 2 Oct.

November 2018

- Joint Workshop between Kyushu University and University of New South Wales from 1 to 21 Nov.
- "Beyond industry 4.0: digital fabrication and design in timber" - A Joint Collaboration between Kyushu University and University of New South Wales. Conferences, workshops and talks to be held from 26 to 29 Nov.

December 2018

- Lecture by Associate Professor Christian Gilles Boucharenc from National University of Singapore.
- Lecture by Senior Lecturer Tsuto SAKAMOTO from National University of Singapore.

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