

WHAT'S UP?

Vol. 06 January 2019

A joint workshop between Kyushu University (KU) and University of New South Wales (UNSW) was conducted from 2 to 20 November 2018 for students in KU's Master of Environment and Heritage Design Programme and UNSW's Master of Urban Development & Design. This is part of the module for the Master's programme.

This joint design studio project explored the urban development and design challenge of waterfront redevelopment in Fukuoka, proposing new facilities and new urban intensities on Chuo and Hakata Wharves, the domestic and international gateways of Hakata Port, located at one of the traditional gateways to the islands of Japan. It provided the opportunities for students to engage in critical discourse on the issues of rapid urbanization, impacts of sea-level rising and extreme weather events on vulnerable

2 to 20 NOVEMBER 2018

Lecture on Hakata Port by Mr Nakamura from Fukuoka Port Authority



Clarifying to understand



Site Visits and Field work at hakata Bay



Boat ride to view Hakata Bay and guided by Mr Shibata, the Director of General Affairs of the Authority



2 to 20 Nov 18

Intense Discussions



Cultural Visits



20th Nov: Final Design Jury Presentation



Comments by the guest from Port Authority



waterfronts and incorporating smart city dimensions of contemporary Japanese Urbanism.

This project is in line with the Fukuoka City Vision to enhance the strengths of the Waterfront Area as a port and MICE (Meetings, Incentives, Conference and Exhibition) zone and to make this waterfront area a new prominent and symbolic spot of Fukuoka City, featuring the views of the sea, towns and greenery. Both domestic and international visitors can enjoy the relaxing and replenishing environment expanding along the shoreline.

The project started with the site visit and field work at the Hakata Port. Guest lectures were organized to have a deeper understanding of the Hakata Port. Mr Nakamura from Fukuoka Port Authority and Mr Keisuke Sakurai from Yokanet were invited to speak about Hakata Bay Development and History of Hakata Port respectively. Also, the students have the opportunity to take a boat ride to view the Hakata Bay through the generosity of the Port Authority of Fukuoka City and they were guided by Mr Shibata, the Director of General Affairs of the Authority.

The students went on an architecture tour to the Nexus World Housing and Island City which was guided by Assistant Professor Iwamoto. They also did the Hakata Lightup walk guided by Ms. Miki Matsushita, the director of the event, and Professor Oi to gain insights to the culture of the city.

The design studio project was intensive and rigorous. The students spent most of their time working in groups developing the proposal. They had 2 interim reviews with the tutors and a final Design Jury Presentation to the Kyushu University Staff and Guest on the last day of the programme which concluded the Joint Workshop.

Announcement

Kyushu University



National Taiwan
Normal University

AGREEMENT on ACADEMIC COOPERATION

SYMPOSIUM on

Education and Research for International Collaboration between
Kyushu University and National Taiwan Normal University

On 22 October 2018, the Symposium on Education and Research for International Collaboration between National Taiwan Normal University (NTNU) and Kyushu University (KU) was held in connection with the Signing Ceremony for the Agreement on Academic Cooperation and Student Exchange between KU and NTNU at the Inamori Hall of Kyushu University at Ito Campus. President of KU, Chiharu Kubo and President of NTNU, Cheng-Chih Wu, signed the Agreement as representative of their respective institutions. The ceremony took place after the introduction of the universities by both the presidents.



The symposium covered two themes, namely education and research. The Deans from the various faculties/colleges (mainly science, engineering and design) from the two universities introduced their programme. The Vice

Presidents and Professors of the two universities that are looking after internationalization also gave an introduction of the visions and strategies for encouraging internationalization in the institutions and the challenges that they faced to encourage students in global education. This session on education gave a preview of the universities' education and the possibilities of collaboration to enhance students' learning.

The other part of the symposium focused on fostering collaboration in research between the two universities. Fifteen academics and graduate students from the two universities introduced their current research, mainly around chemistry and design education. The symposium brought together expertise from the two universities in the hope to forge new grounds and furthered students' global education.

Joint Research

Beyond Industry 4.0 Digital Fabrication and Local Craft

The Beyond Industry 4.0 symposium and workshops aim to develop and promote excellence and innovation in digital design and fabrication for timber architecture and fabrication. The University of New South Wales and Kyushu University will coordinate the events in Japan and Australia, and it is funded by Australia-Japan Foundation.

Future cities will integrate increasing levels of digital infrastructure and technologies. They will, however, be built using a mix of both new materials and sustainable traditional materials such as timber. The blending of traditional materials with emerging technologies and global supply chains is, therefore, a necessity for future sustainable cities in Australia and Japan. UNSW and Kyushu University will host a series of events to facilitate the integration of traditional crafts and construction knowledge with new cutting-edge collaborative digital fabrication technologies. The events will bring leading experts in digital fabrication and manufacturing together with master practitioners of architectural and timber crafts for knowledge exchange, networking and project development.

New industry 4.0 approaches reinvent timber in resourceful, efficient and highly customized ways while maintaining the inherent renewable strengths and natural appeal of the material. The events will promote Australian exper-

tise and excellence in Japan within the fields of scientific research, and such emerging technologies. This promotion is necessary to build the profile of innovative Australian practice in order to link to new markets and establish new global supply chains.

The events in Japan was held from 26 to 29 November 2018 in various part of Japan. A public lecturer and an International Symposium were held at Minami-Oguni Town Hall in Kumamoto on 26 and 27 November 2018 respectively.



The lecture focused on the Advanced Design Approaches of the Digital Fabrication and Timber Craft and the Symposium focused on Digital Processes and Craft Traditions.



On 28 November, a workshop was held at Kyushu University, Faculty of Design, to discuss Digital Education. It was followed



by a lecture by Mr Shoei an established Architect who leads the frontier in incorporating digital technologies into architecture. His talk is titled "Non-Architecture Design: Ambient Design Matrix".



The last day of the event was held in MTRL Kyoto focused on the Education Futures - the practices in Australia.

The events will continue in Australia, March 2019, focusing on the recent trends in Australia in the area of Digital and Materials.



Open Lectures

Research on the politics and practices of apartment living

Dec

6

Associate Professor Hazel Easthope
University of New South Wales

On 6 December 2018, we had Associate Professor Hazel Easthope from the University of New South Wales in Australia to share on her expertise. Her expertise includes Urban/Social Planning and Policy, Medium and High Density Construction Standards, Development Standards and Controls, Strata Title Developments, Sense of Home, Housing.

Globally, the cities have been struggling with the challenge of how to house increasing urban populations. Much of the focus has been on the provision of new housing and especially multi-unit housing. But many cities are now in a position where the multi-unit housing has aged and is now in need of repair and updating. The multi-unit housing is difficult to repair as it is struc-



turally more complex. Also, it is often multi-owned, and it's hard to get all of the owners to agree. Hence, there are old run-down buildings that cannot be redeveloped because agreement can't be reached by owners.

For this lecture, Associate Professor Easthope discussed on her research on private apartment developments - how private apartments are owned (condominium ownership) influences how they are built, how they are managed, how their residents experience them, and how they can be redeveloped. She presented the findings of a recent research project on the redevelopment of private apartment developments in Australia that has relevance to the joint research collaboration with Professor Tanoue at Kyushu University on the redevelopment of Danchi in Japan.

Dec

13

Posthuman Architecture - Exploration of TS Studio

Senior Lecturer Tsuto SAKAMOTO
National University of Singapore

A recent development of information technology and the rise of environmental concerns demand us to re-examine our human-centric ideas and to embrace and establish an alternative relationship with others that surround us. Architecture that supposed to be catered for people should also engage with animals, plants, air, water, information, things and other beings so that they express their own natures.

The lecture introduced the Architectural Design Thesis, a module for

the Year 4 & 5, produced in Tsuto Sakamoto (TS) studio based on the theme mentioned above. Taking architecture as an assembling discipline par excellence, the thesis explores potential assemblages - political, economic and physical relationship of a variety of things and how people engage with such an assemblage.

The lecture first discussed on Posthumanism and architecture, which is used as the framework of the design research conducted in TS



studio. Subsequently, the lecture concretizes the discussion with 4 projects produced by the students in the past.

Background Photo by Kyra Swee Yewyong

Design Fundamentals

The Great Schools

The Bauhaus • The Vhutemas • The Chicago Bauhaus • The Ulm School

Dec

20

Associate Professor Christian Gilles Boucharenc
National University of Singapore

Associate Professor Christian Boucharenc from the National University of Singapore shared with us his research on the history of design education with the aim of gaining an overall view of the origins and evolution of the ideas that led to changes in the pedagogy of the schools of art through the introduction of basic design teaching in the 20th century. His sharing mainly focused on the main pedagogical approaches in design fundamentals taught in the four great schools of Design of the 20th Century - the Bauhaus (1919 -1933), the Vhutemas (1920 – 1930), the Chicago Bauhaus (1933 – 1949) and the Ulm School H.F.G. (Hochschule Fur Gestaltung 1952 – 1967).

His study sheds light on a certain number of radical changes in the general organization of teaching, the first principles of basic design, the pedagogical approaches, communication, and relationships among the four schools. It is amazing to note the successive innovations in pedagogical materials within a short period.

Also, in the course of these two distinct studies of the great movements and the great schools of the 20th century, he uncovered the appearance of links, shared ideas and contacts among the teachers, artists and other actors who played a role in the history of these movements and schools.



Coming
UP!

February 2019

- Asia Youth Exchange Programme supported by Japan International Cooperation Agency (JICA), 10 to 23 February 2019.

March 2019

- Research Workshop between academia of Kyushu University and University of New South Wales, 6 to 8 March 2019.

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