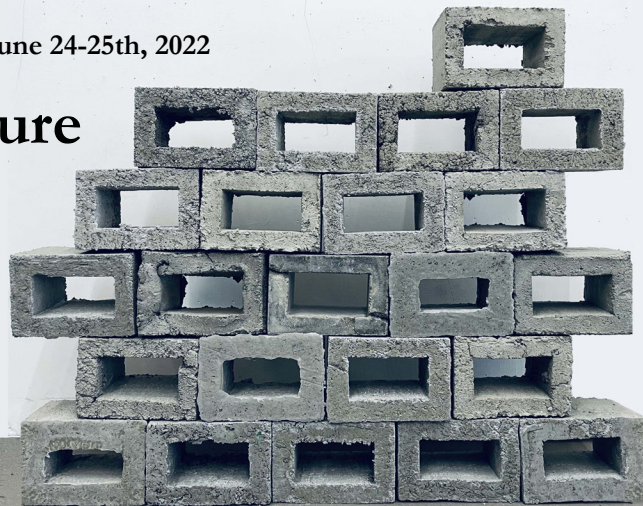


# Building Technology and Culture in the Asia-Pacific Region: Histories and Projects



buildingtechnologyandculture.com  
btesymposium@nottingham.edu.cn

**24th June 2022**

**14.00 – 14.30 CST/HKT  
(8.00 – 8.30 CET)**

**Symposium opening**

## PROJECTS

Chair: **Peter Ferretto**

*The Chinese University of Hong Kong*

**14.30 – 16.20 CST/HKT  
(8.30 – 10.20 CET)**

**Patterns redefinition in Beijing Qianmen. Kengo Kuma  
office in “Damochang 220” courtyard house**

Andrea Canclini

**Chinese vaulted avant-garde architecture. A design  
research based on materiality and tectonics**

Alberto Bologna

**Digging cultures of production thought design practice:  
the transformation of the Main Workshop of the Oxygen  
Factory in Shougang, Beijing**

Camilla Forina, Edoardo Bruno, Michele Bonino

**Whole life-cycle carbon assessment of building retrofits  
with Water-filled Glass (WFG)**

Brandon Mok, Giulio Cavana, Matyas Gutai, Abolfazl Ganji Kheybari

## Break

**16.20 – 18.00 CST/HKT  
(10.20 – 12.00 CET)**

**Hyperboloid structure (reciprocal tower) in bamboo  
architecture**

Mia Ardiati Tedjosaputro

**A heritable adaptation: comparative studies of timber  
frame construction through two Japanese cases**

Tian Nan

**Building for people left behind by modernism: wood  
architecture reimagined by Toyo Ito**

Aki Ishida

**Self-build architecture as a community-enhancing  
practice: lessons from the Bauhäusle project and their  
adaptation to Japan**

Shunsuke Shimizu, Jorge Almazán

**18.00 – 18.30 CST/HKT  
(12.00 – 12.30 CET)**

**Q&A, Session wrap-up**

**25th June 2022**

**15.00 – 16.00 CST/HKT  
(9.00 - 10.00 CET)**

**How to be Independent: making architectural choices in the Non-Aligned nations, 1957-1980**

Keynote speaker: **Hannah Le Roux**  
*University of the Witwatersrand, Johannesburg*

**HISTORIES**

Chair: **Giaime Botti**  
*University of Nottingham Ningbo China*

**16.00 – 17.20 CST/HKT  
(10.00 - 11.20 CET)**

**All that glitters is not gold: Alchemy in Brick**

Babita Joy

**Study on the characteristics of vaulted stone dwellings in the Taihang Mountains area of Hebei Province**

Lingege Long, Luca Maria Francesco Fabris, Gerardo Sempregon

**The philosophy of the unity of man with nature embodied in sustainable technologies for traditional Chinese dwellings: the case of Yan's former residence in Ningbo**

Yu Sun, Jing Xie

**Break**

**17.20 – 19.00 CST/HKT  
(11.20 - 13.00 CET)**

**The cross-border spread and modernization of modern treaty ports cities - Take the Jardine Matheson warehouse of Tianjin as an example**

Zhichen Lyu, Ruoran Wang, Subin Xu

**How to construct the “Chinese Curved Roof” for a Christian university in the early 20th century? The interactions between building technology and cultural perception in the case of Nanjing University**

Jiayao Jiang

**The reciprocal development of craft and industry through the lens of plywood as a material**

Kaon Ko

**Glass building technology transfer: reopen a plural values history against form homologation**

Giulia Montanaro

**Q&A, Session wrap-up**

**19.00 – 19.30 CST/HKT  
(13.00 - 13.30 CET)**

**Closing remarks**

Click [here](#) or scan the QRcode to join online



co-organised by:

 School of Architecture  
THE CHINESE UNIVERSITY OF HONG KONG

 University of Nottingham  
UK | CHINA | MALAYSIA

supported by:

RIBA 