

*Professional Services Advancement Support Scheme (PASS) Workshop Series:  
Improving and Exporting Hong Kong Industrialized Construction Services  
under the Belt and Road Initiative*

## PROF. ROGER BRUNO RICHARD

Professor at the School of Architecture  
Université de Montréal

# INDUSTRIALIZATION OF CONSTRUCTION: SUSTAINABILITY AND ADAPTABILITY

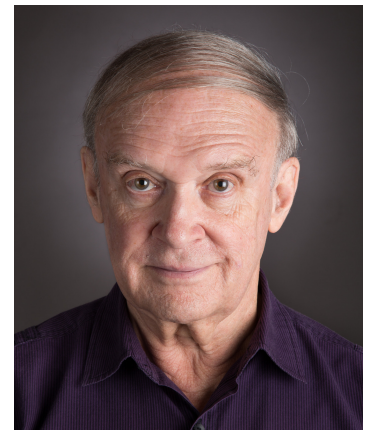
### Abstract

The strategies & technologies of Industrialisation are capable of delivering affordable and high quality architecture to the vast majority of people. The products are not standardized buildings but Industrialised Building Systems: sets of coordinated parts and rules where the same details are generating diversified and individualised buildings located on different sites; yet achieving more sustainability than traditional construction (higher quality, change without demolition and less deficiencies / waste / embedded energy).

Having extensively experienced precast concrete panel construction so far, Hong Kong is now ready for the next stage: optimal factory-finished systems accommodating change through space and time. Once amortized over the large market of Hong Kong, those systems will become highly competitive for exportation.

### About the Speaker

Roger-Bruno RICHARD, M.Arch. (Berkeley), Registered Architect (OAQ), is Professor at the School of Architecture of the Université de Montréal. Specialized in Industrialised Building Systems, Roger is the author of several technological and functional innovations in housing, including three "Load-Bearing Service Core" systems as well as various solar and manufactured housing prototypes. His research is aiming at industrialised strategies & technologies capable of simplifying the production and offering adaptability. His classification of industrialized building systems is widely recognized internationally.



### Time

**10:00-12:00, 26 January,  
2019 (Saturday)**  
(Registration Starts at 9:30)

### Venue

**N003, Lim Por Yen Lecture  
Theatre, Hong Kong  
Polytechnic University,  
Hung Hom**



Registration QR Code

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