

## Programme 7<sup>th</sup> Annex 44 Forum (Tentative)

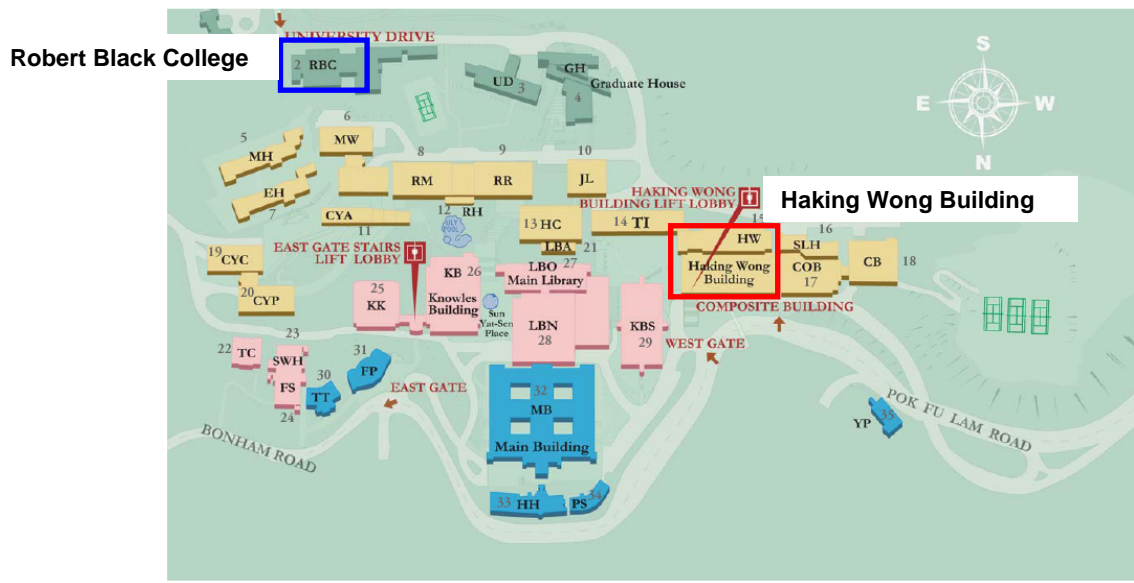
8:30	Participants	Registration at the Entrance of Room 737 Haking Wong Building, HKU
8:45	Participants	Informal introduction of meeting participants
<b>Plenary session</b>		
9:00	Professor Yuguo Li The University of Hong Kong	Welcome and opening of the forum
9:05	Prof. ST Tan or Prof. WC Chew Head of Mechanical Engineering or Dean of Engineering, HKU	Welcome and congratulatory message
9:15	Professor Per Heiselberg IEA Annex 44 Operating Agent Aalborg University, Denmark	Integrating Environmentally Responsive Elements in Buildings – An overview of IEA Annex 44 project
<b>Session I – Responsive building elements, Chairman: Per Heiselberg</b>		
9:30	Prof. Marco Perino Annex 44 Subtask A leader Politecnico di Torino, Italy	An overview of responsible building elements
9:45	Fernando Marques da Silva LNEC, Portugal.	Test programme at LNEC's DSF test cell
10:00	Prof. Yuichiro Kodama Kobe Design University Estec Design, Tokyo	Thermal mass cooling effect and ventilation mode
10:15	Prof. Mats Sandberg KTH Research School, University of Gävle, Sweden	Controlled active mass and velocity variations
10:30	Jian Zhang Concordia University, Canada	Convective heat transfer phenomena in large ventilated ducts
<b>10:45</b>	<b>Coffee break</b>	
<b>Session II – Integrated Building Concepts, Chairman: Marco Perino</b>		
11:15	<b>Annex 44 Subtask B leader</b>	An overview of integrated building concepts
11:30	Prof. Tomoyuki Chikamoto Ritsumeikan University, Japan	Construction of energy performance analysis technique according to architectural design
11:45	Dr. Matthias Haase SINTEF, Norway	Climate adapted buildings in Norway
12:00	Prof. Hisashi Miura BRI (Building Research Institute), Tsukuba, Japan	Reduction of cooling energy consumption by utilizing cross ventilation based on empirical experiments with simulated human behaviour
12:15	<b>Prof. Jianlei Niu</b> The Hong Kong Polytechnic Uni-	Progresses in PCM (phase change material) thermal energy storage

	iversity, HK	
12:30	Lunch break	
<b>Session III– Implementation and dissemination, Chairman: SubTask B leader</b>		
14:00	Mr. Ad van der Aa Annex 44 Subtask C leader Cauberg-Huygen Raadgevende Ingenieurs BV, Netherland	Results of IEA Annex 44 subtask C En- quiry: Situation of responsive building elements and integrated design strategies in various countries
14:15	Dr. Takao Sawachi NILIM, Tsukuba, Japan	Gap between research and design practice to be fulfilled by the design guideline based on the research
14:30	Louis Stephan Institut National d'Energie Solaire et Savoie Technolac, France	Title?
14:45	Prof. Marco Perino Politecnico di Torino, Italy	Title?
15:00	Ms. Liang Zhou Concordia University, Canada	Simulation-based optimization of ventila- tion system design and operation in office environment
15:15	Coffee Break	
<b>Session IV– Beyond Annex 44, Chairman: Ad van der Aa</b>		
15:45	Dr. Sam Hui The University of Hong Kong, HK	Green roof and sustainable building design
16:00	Ms. Lina Yang The University of Hong Kong, HK	Chinese Kangs
16:15	Discussion	
16:30	Discussion	
16:45	Discussion	
17:00	Discussion	
17:15	Discussion	
17:30	Closing	

- End of Programme -

## VENUE

### Haking Wong Building (near West Gate of HKU)



Main Campus Map

<p>[01] UL - University Lodge</p> <p>[02] RBC - Robert Black College</p> <p>[03] UD - University Drive No.2</p> <p>[04] GH - Graduate House</p>	<p>[22] TC - Tang Chi Ngong Building</p> <p>[23] SWH - Swire Hall</p> <p>[24] FS - Fong Shu Chuen Amenities Centre</p> <p>[25] KK - K.K. Leung Building</p> <p>[26] KB - Knowles Building</p> <p>[27] LBO Main - Library Building (Old Wing)</p> <p>[28] LBN - Library Building (New Wing)</p> <p>[29] KBS - Kadoorie Biological Sciences Building</p>
<p>[05] MH - May Hall</p> <p>[06] MW - Meng Wah Complex Building</p> <p>[07] EH - Eliot Hall</p> <p>[08] RM - Runme Shaw Building</p> <p>[09] RR - Run Run Shaw Building</p> <p>[10] JL - James Hsioung Lee Science Building</p> <p>[11] CYA - Chong Yuet Ming Amenities Centre</p> <p>[12] RH - Rayson Huang Theatre</p> <p>[13] HC - Hui Oi Chow Science Building</p> <p>[14] TI - Technology Innovation and Incubation Building</p> <p>[15] HW - Haking Wong Building</p> <p>[16] SLH - Simon K.Y. Lee Hall</p> <p>[17] COB - Composite Building</p> <p>[18] CB - Chow Yei Ching Building</p> <p>[19] CYC - Chong Yuet Ming Chemistry Building</p> <p>[20] CYP - Chong Yuet Ming Physics Building</p> <p>[21] LBA - Library Annex</p>	<p>[30] TT - T.T. Tsui Building</p> <p>[31] FP - Fung Ping Shan Building</p> <p>[32] MB - Main Building</p> <p>[33] HH - Hung Hing Ying Building</p> <p>[34] PS - Pao Siu Loong Building</p> <p>[35] YP - Yam Pak Building</p>