

Urgent meeting Nagoya Workshop
Rebuild Japan · Future Energy and Commissioning
—Discussion on the strategy and framework of building energy system and energy conservation based on the Commissioning after the East-Japan Big Earthquake Disaster

Time & Date 9:00~17:30, March 16th (Mon), 2011

場 所 7th Floor, Conference Hall, Integrated Research Building, Center for Studies of Higher Education

Program

09:10-09:30	Opening Address, BSCA's Philosophy	Nobuo Nakahara, BSCA Chairman
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Part-1 Keynote Speech

Chair: Masaya Okumiya, NU

09:30-10:00	Reviewing essentials of crisis and the role of commissioning at the very moment of big earthquake disaster	Norio Matsuda, Director BSCA, CxPE(BSCA)
10:00-10:30	The Role of Existing Building Commissioning and Pitfalls in Selecting Commissioning Measures	David Claridge, Prof., Texas A&M University
10:30-11:00	Temperature & Humidity Independent Control — Approach to ideal solution of future air conditioning	Yi Jiang, Prof. Tsinghua University
11:00-11:10	Break	

Partt-2 Design and Commissioning of High Efficient Plant, Building and Housing

Chair: Norio Matsuda, BSCA

11:10-11:40	Towards the environmental friendly building using renewable energy	Masaya Okumiya, Prof. Nagoya University
11:40-12:10	Cx for energy efficiency in cooling and heating plants of HVAC systems	Qingpeng Wei, Ass. Prof. Tsinghua University
12:10-12:40	A design and analysis of energy consumption for a super-energy-saving house	Hideki Tanaka, Ass. Prof., Chubu University
12:40-13:30	Lunch break	

Part-3 Use of Commissioning Tools

Chair: Hideki Tanaka: Chubu U

13:30-14:00	Building information modeling and data management for building commissioning	Motoi Yamaha, Prof. Chubu University
14:00-14:40	Commissioning with LCEM Tool Part.1: Outline of LCEM Tool	Gyuyoung YOON, Ass. Prof. Nagoya City University
	Part.2: Performance Verification of DHC System with LCEM Tool	Hideharu Niwa, Dr., Nikken Sekkei Research Institute
14:40-15:20	Application and Issues of Simulation for Heat Source and Air-conditioning Systems	Harunori Yoshida, Prof. Emeritus, Kyoto University
15:20-15:30	休憩	

Part-4 Analysis and Evaluation of Energy Performance

Chair: Harunori Yoshida, Prof. Emeritus, Kyoto U.

15:30-16:00	Cx for energy efficiency of air handing terminals in HVAC systems	Xin Wang, Dr. Tsinghua University
16:00-16:30	Evolution of Building Energy Model into Regional Scale model	Yoshiyuki Shimoda, Prof. Osaka University

Part-5 Discussion and Summery

16:30-17:20	Discussion and Summery	Chair: Motoi Yamaha, Chubu U. and Qingpeng Wei, TU
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Part-6 Closing

Chair: Motoi Yamaha, Chubu U.

17:20-17:30	Closing Remarks	Shigeru Tokita, Executive Director, PBA
18:00-19:30	Communication	

Organizer (NPO) Building Services Commissioning Organization (BSCA)
 Co-organizer (Public Building Association (PBA)
 Chubu Branch, The Society of Heating, Air-Conditioning and Sanitary Engineers (SHASE)
 Cooperation Energy System Laboratory (ESL), Texas A&M University (TAMU)
 Building Energy Research Center, School of Architecture, Tsinghua University (TU)
 Nagoya University (NU)