



Joint Working Seminar between NCREE and UReC

- Towards Large-Scale Structural Monitoring and AI-Enhanced Application

Topics

- Application of Long-term Bridge Monitoring Technologies in Taiwan (NCREE, C.R. JIANG)
- Implementation of Strong-motion Monitoring for Bridges in Taiwan (NCREE, S.Y. SIAO)
- How can AI contribute to predicting seismic damage to buildings on an urban scale? (UReC, K. KANEKO)
- Introduction to Structural Monitoring Data Hub in Taiwan (NCREE, B.H. LEE)
- Student Presentations (UReC, K. HIKITA, M. YAMAUCHI)

Date: April 28 (Fri), 2023, 10:00-16:00

Venue: Osaka Metropolitan University Library

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- Towards Large-scale Structural Monitoring and AI-Enhanced Application

Date: April 28 (Fri), 2023

Venue: Osaka Metropolitan University Library 1F (Cultural Exchange Room)

Time	Topic / Speaker
Opening Chairman: K. KANEKO / C.C. CHEN	
10:00 – 10:05	Opening Remarks / S. SHIGEMATSU (President of the UReC)
10:05 – 10:15	Introduction to UReC / E. IKUTA
10:15 – 10:30	Welcome and Introduction of Participants
10:30 – 11:00	NCREC Introduction / C.C. CHEN
Section I Chairman: T.W. CHEN / K. KANEKO	
11:00 – 11:30	Presentation (Q&A) / Taiwan (C.R. JIANG)
	Application of Long-term Bridge Monitoring Technologies in Taiwan
11:30 – 12:00	Presentation (Q&A) / Japan (K. KANEKO)
	How can AI contribute to predicting seismic damage to buildings on an urban scale?
12:00 – 13:40	Lunch
Section II Chairman: K. KANEKO / B.H. LEE	
13:40 – 14:10	Presentation (Q&A) / Taiwan (S.Y. SIAO)
	Implementation of Strong-motion Monitoring for Bridges in Taiwan
14:10 – 14:30	Short Presentation (Q&A) / Japan (K. HIKITA and M. YAMAUCHI)
14:30 – 15:00	Coffee Break
Section III Chairman: C.C. CHEN / K. KANEKO	
15:00 – 15:15	Introduction to Structural Monitoring Data Hub in Taiwan / B.H. LEE
15:15 – 15:40	Discussion for Future Collaboration with NCREC and UReC
15:40 – 15:50	Closing Remarks / Y. TANIGUCHI
15:50 –	Group Photo and Campus Tour

* Language: English

Participants List (Taiwan side):

1. Dr. Chun-Chung CHEN, Research Fellow, National Center for Research on Earthquake Engineering	
2. Dr. Bo-Han LEE, Associate Researcher, National Center for Research on Earthquake Engineering	
3. Mr. Chi-Rung JIANG, Associate Technologist, National Center for Research on Earthquake Engineering	
4. Mr. Sheng-Yuan SIAO, Associate Technologist, National Center for Research on Earthquake Engineering	
5. Dr. Tsung-Wu CHEN, General Manager, Kuochen and Associates Ltd.	

会場

学術情報総合センター 1F 文化交流室, 開場 (受付) 9:30~

