

JOINT NCREE/JRC WORKSHOP

INTERNATIONAL COLLABORATION ON EARTHQUAKE DISASTER MITIGATION RESEARCH

Preliminary Program

November 17 (Monday)		
8:30 ~ 8:50	Opening Ceremony Chairman: K.-C. Tsai Co-chairman: Vito Renda <i>Guests of Honor</i> <i>President of National Taiwan University (NTU)</i> W. J. Chen <i>President of National Applied Research</i> L. C. Lee <i>Laboratories (NARL)</i> <i>Director General of Department of International</i> Charlie T.C. Hsu <i>Programs, NSC</i>	
<i>Session 1</i>		
<i>Moderator: K.-C. Tsai</i>		
8:50 ~ 9:10	The Research in Support of the Eurocodes at JRC-ELSA	Michel Geradin
9:10 ~ 9:30	The US George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES)	Joy Pauschke
9:30 ~ 9:50	On Collaboration in Geology, Seismology and Earthquake Engineering for Disaster Mitigation in Pan-Pacific Area	Heki Shibata
9:50 ~ 10:10	Pseudo Dynamic Tests of Full Scale Composite Frames in NCREE	K.-C. Tsai
10:10 ~ 10:40	Coffee Break	
<i>Session 2</i>		
<i>Moderator: C.-H. Loh</i>		
10:40 ~ 11:00	Structural Health Monitoring and Control Research in NCREE	C.-H. Loh
11:00 ~ 11:20	E-MOI European Monitoring Initiative	Helmut Wenzel
11:20 ~ 11:40	International Collaborative Activities in Structural Control and Monitoring	Sami F. Masri
11:40 ~ 12:00	Seismic Vulnerability and Protection of Nonstructural Components	Tsu Teh Soong
12:00 ~ 12:20	Development of Earthquake Assessment Methodology in NCREE	C.-H. Yeh
12:20 ~ 13:10	Lunch	
13:10 ~ 13:40	Visit of NCREE Laboratory	

<i>Session 3</i>		
<i>Moderator: Vito Renda</i>		
13:40 ~ 14:00	The JRC-ELSA Contribution to the Structural Assessment, Monitoring and Control of the European Built Environment	Vito Renda
14:00 ~ 14:20	Earthquake Engineering in Australia – International Collaborations and Future Directions	Michael C. Griffith
14:20 ~ 14:40	Seismic Assessment and Its Verification of Damaged Low-rise RC Buildings in Taiwan Chi-Chi Earthquake	M.-S. Sheu
14:40 ~ 15:00	Development of Hazard Damaged Buildings Model by Chi-Chi Earthquake Data	B.-J. Lee
15:00 ~ 15:20	Implications on The Use of Continuous Dynamic Monitoring Data for Structural Evaluation	David Lau
15:20 ~ 15:50	Coffee Break	
<i>Session 4</i>		
<i>Moderator: Fabio Casciati</i>		
15:50 ~ 16:10	Structural Control versus Long-Span Bridges	Fabio Casciati
16:10 ~ 16:30	Seismic Control Applications in Taiwan	J.-S. Hwang
16:30 ~ 16:50	The Contribution of Control to Earthquake Mitigation	Emilia Juhasova
16:50 ~ 17:10	Test Requirements and Its Execution for the Velocity Dependent Energy Dissipation Devices	D.-S. Hsu
17:10 ~ 17:30	Seismic Risks of Typical Double Fabs in Taiwan's Hi-tech Industry	Y.-P. Wang

November 18 (Tuesday)

Session 5

Moderator: Keiichi Ohtani

8:30 ~ 8:50	Advanced Testing Techniques at the ELSA-JRC Reaction Wall	Georges Magonette
8:50 ~ 9:10	The new UB-NEES Versatile Earthquake Engineering Hybrid-Testing Facility	Michel Bruneau
9:10 ~ 9:30	Project “E-Defense (3-D Full-Scale Earthquake Testing Facility)”	Keiichi Ohtani
9:30 ~ 9:50	ISEE: Internet-based Simulations for Earthquake Engineering Part I: The Database Approach	Y.-S. Yang
9:50 ~ 10:10	ISEE: Internet-based Simulations for Earthquake Engineering Part II: The Application Protocol Approach	K.-J. Wang
10:10 ~ 10:40	Coffee Break	

Session 6

Moderator: K.-C. Chang

10:40 ~ 11:00	Seismic Testing Capabilities of CEA Saclay Laboratory: Description-Evolution-Development of International Collaboration	J. C. Queval
11:00 ~ 11:20	Earthquake Resistance of Structures and Dynamic Response Using Large Facilities Experiments	Milos Drdacky Stanislav Pospisil
11:20 ~ 11:40	BLADE – Bristol Laboratory for Advanced Dynamic Engineering, Development of a New Integrated Research Facility in The UK	Adam Crewe
11:40 ~ 12:00	Seismic Retrofit Study of Bridges in NCREE	K.-C. Chang
12:00 ~ 12:20	Recent Advances in Seismic Retrofit of RC Structures in Taiwan	S.-J. Hwang
12:20 ~ 13:30	Lunch	
13:30 ~ 17:30	Panel Discussion Session	