2. Conference Program

Date	Morning	Noon	Afternoon	Evening
Aug. 2 (Tue)			**Registration** (open throughout the Conference)	**Reception** 18:30-20:30
Aug. 3 (Wed)	**Registration** **Opening Ceremony** 9:00-10:00 **Keynote Lectures** 10:30-11:15 11:15-12:00 Nine Milestones on the Road to Earthquake Safety Donald E. HUDSON Earthquake Prediction Study in Japan Toshi ASADA		**Technical Sessions** 13:45-15:15 A01: Earthquake Observation and Data Processing B01: Torsional Vibration (1) C01: Earthquake Damage General D01: Dynamic Properties of Soils (1) E01: Experimental Evaluation Technique for Dynamic Response (1) F01: Earth Dam and Rockfill Dam G01: Seismic Design Philosophy H01: Mixed, Composite and Precast Structure 15:30-17:00 A02: Strong Motion Observation (1) B02: Torsional Vibration (2) C02: Damage by Particular Earthquake D02: Dynamic Properties of Soils (2) E02: Experimental Evaluation Technique for Dynamic Response (2) F02: Gravity Dam and Arch Dam G02: Expert System, Fuzzy Set, Limit State Design and Optimization H02: Reinforced Concrete Members and Subassemblages (1) **Technical Tour** TT-1: Modern Architecture (half day) **Program for Accompanying Persons** AP-1: Japanese Traditions (half day)	
Aug. 4 (Thu)	**Techinical Sessions** 9:00-10:30 A03: Strong Motion Observation (2) B03: Three-Dimensional Vibration (1) C03: Soil-Structure Interaction; Analytical Method (1) D03: Dynamic Properties of Soil Deposit E03: Experiment of Steel Frame and Elements F03: Bridge Response and Design (1) G03: Seismic Design Methodology H03: Reinforced Concrete Members and Subassemblages (2) 10:45-12:15 A04: Source Mechanism B04: Three-Dimensional Vibration (2) C04: Soil-Structure Interaction; Analytical Method (2) D04: Earth Structure E04: Experiment of Steel Braced Structure (1) F04: Bridge Response and Design (2) G04: Design Spectra, Ductility and Structural Coefficient H04: Nonstructural Elements		**Technical Sessions** 13:45-15:15 A05: Simulated Ground Motion (1) B05: Response of Special Structure C05: Soil-Structure Interaction; Foundation Input Motion D05: Seismicity and Earthquake E05: Experiment of Steel Braced Structure (2) F05: Tunnel and Railway G05: Comparative Design and Reinforced Concrete Design Methodology H05: Building Equipment 15:30-17:00 A06: Simulated Ground Motion (2) B06: Response Analysis (1) C06: Soil-Structure Interaction; Civil Engineering Structure D06: Evaluation of Seismic Hazard E06: Experiment of Structure with Composite Materials F06: Nuclear Power Plant Building G06: Steel Design Methodology H06: Lifelines; Earthquake Damage, Observation and Experiment **Technical Tour** TT-2: Highrise Buildings (half day)	
	Program for Accompanying Persons AP-2A: Japanese Life (full day) AP-2B: Nikko Tour (full day) AP-2C: Japanese Art (full day)			
Aug. 5 (Fri)	**Technical Sessions** 9:00-10:30 A07: Simulated Ground Motion (3) B07: Response Analysis (2) C07: Soil-Structure Interaction; Nonlinear Behavior D07: Microzonation and Macrozonation E07: Experiment of Precast and Prestressed Concrete Structure F07: Liquid Storage Tank (1) G07: Damage and Risk Assessment of Struture H07: Lifelines; Response Analysis of Buried Pipes 10:45-12:15 A08: Ground Response (1) B08: Nonlinear Response Analysis (1) C08: Soil-Structure Interaction; Response Characteristics D08: Observation, Seismic Hazard and Risk Assessment E08: Experimant of Reinforced Concrete Joints F08: Liquid Storage Tank (2) G08: Seismic Capacity Evaluation of Existing Structure H08: Lifelines; System Analysis		**Technical sessions** 13:45-15:15 A09: Ground Response (2) B09: Nonlinear Response Analysis (2) C09: Soil-Structure Interaction; Pile Foundation D09: Slope Stability E09: Experiment of Reinforced Concrete Elements (1) F09: Industrial Equipment and Piping G09: Repair of Damaged Structure H09: Urban Seismic Risk Modeling and Assessment 15:30-17:00 A10: Ground Response (3) B10: Response of Reinforced Concrete Structure (1) C10: Soil-Structure Interaction; Seismic Forces on Substructures D10: Liquefaction (1) E10: Experiment of Reinforced Concrete Elements (2) F10: Industrial Facility and Silo G10: Behavior of Retrofitted Structure H10: Human Behavior and Socio-Economic Aspects	
	Technical Tour TT-3: Bay Area Construction (full day)			
	Program for Accompanying Persons AP-3: Tokyo Exploration (full day)			

Date	Morning	Noon	Afternoon	Evening
Aug. 6 (Sat)	**Technical Sessions** 9:00-10:30 A11: Surface Geology Effect on Ground Motion (1) B11: Response of Reinforced Concrete Structure (2) C11: Soil-Structure Interaction; Vibration Test D11: Liquefaction (2) E11: Experiment of Reinforced Concrete Elements (3) F11: Experiment of Steel Joints / Timber Structure G11: Retrofit of Existing Structure H11: Urban Seismic Risk Mitigation Measures 10:45-12:15 A12: Surface Geology Effect on Ground Motion (2) B12: Response of Shear Wall Structure C12: Soil-Structure Interaction; Observation and Analysis D12: Liquefaction (3) E12: Experiment of Reinforced Concrete Frame G12: Retrofit of Undamaged Building H12: Case Studies of Risk Mitigation Program			**Technical Tour** TT-4: Neodani Fault Tour (one night and two days)
Aug. 8 (Mon)	**Welcome Session** 8:30-8:45 **Keynote Lecuture** 8:45-9:30 The Sole Course of Mitigating Earthquake Risk Huixian LIU **Special Theme Sessions** 9:40- SE: Seismic Response Control of Structural Systems (-11:40) SB: Near-Field and Array Observation (13:00) SG: Ductility Evaluation and Design of Concrete Structures and Elements (-12:40) SC: Dynamic and Permanent Displacements of Ground and Structures (-13:10) SL: Improvement on Seismic Performance of Masonry Buildings (-12:40)		**Special Theme Sessions** 14:00- SE: Seismic Response Control of Structural Systems (-16:30) SA: Prediction of Strong Ground Motion (-17:20) SG: Ductility Evaluation and Design of Concrete Structures and Elements (-15:40) SD: Dynamic Soil-Structure Interaction: Verification and Design Application (-17:40) **Poster Sessions** 14:30-16:30 P1A: Mexico Earthquake of 1985 / Masonry Structures (1) P1B: Masonry Structures (2) P1C: Measurement of Vibration P1D: Embankment and Off-Shore Structures	
	Technical Tours TT-6: Kobe Bay Cruise (full day)		**Technical Tours** TT-5: Traditional Wooden Buildings (half day)	**Program for Accompanying persons** AP-6: Noh Play and Barbecue
	Program for Accompanying Persons AP-5: Nara Tour (full day)			
Aug. 9 (Tue)	**Special Theme Sessions** 8:30- SF: Inelastic Behavior and Modeling of Concrete Structural Components under Multi-Directional Seismic Forces (-11:10) SH: Seismic Probabilistic Safety Assessment of Structural Systems (-12:00) SI: Experimental Methods for Structures (-10:30) SJ: Survey Methods and Quantitative Evaluation of Earthquake Damage (11:30) **Poster Sessions** 9:30-11:30 P2A: Base Isolation and Passive Response Control (1) P2B: Base Isolation and Passive Response Control (2) P2C: Strong Motion Observation (3) P2D: Array Observation of Ground Motion / Seismic Capacity Assessment		**Special Theme Sessions** 13:00- SF: Inelastic Behavior and Modeling of Concrete Structural Components under Multi-Directional Seismic Forces (-15:00) SI: Experimental Methods for Structures (-15:20) SK: Multi-Disciplinary Integration for Urban Seismic Risk Reduction -with Emphasis on Public Policy and Implementation- (-16:00) **Poster Sessions** 13:30-15:30 P3A: Active Response Control and Damping Devices P3B: Reinforced Concrete Wall P3C: Random Vibration P3D: Random Vibration and Identification of Structural Systems **Closing Ceremony** 16:10-16:55	
	Program for Accompanying Persons AP-4: Kyoto Tour (half day)			
Aug. 10 (Wed)	**Leave for Post Conference Tour** PT-1: Honshu-Shikoku Bridge and Tadotsu Shaking Table (two nights and three days)			