

17WCEE Organized Session List (Mini-symposia)

The followings were accepted in March 2020 and will be updated for the 2021conference.

Session Title	Corresponding author's full name	Affiliation	Country
Impact of Ground Motion Directionality on Structural Response	Mervyn Kowalsky	North Carolina State University	US
Contributions of Large-Scale Experimental Facilities to Computational Earthquake Engineering and Their Futures - From 15-Year Experience of E-defense -	Toshihiko Horiuchi	Earthquake Disaster Mitigation Research Division, National Research Institute for Earth Science and Disaster Resilience (NIED), Japan	Japan
Roadblocks and Incentives for Worldwide adaptation and Implementation of Seismic Structural Health Monitoring (S2HM)	Farzad Naeim	Farzad Naeim, Inc.	US
Establishment of International Standards on Seismic Isolation Structures	Taiki Saito	Toyohashi University of Technology	Japan
The 2019 Tokyo Metropolitan Resilience Project E-defense Test of a 3-story Disaster Management Center	Yeow, Trevor Yeow	Earthquake Research Institute, University of Tokyo (room 1-511)	Japan
'Non-Engineered 2.0': Brainstorming on Design Philosophies and Technological Strategies for Improving the Seismic Resilience of Non-Engineered Constructions	Martijn Schildkamp	Smart Shelter Research / Nagoya University	Japan
Confined masonry construction for improving global earthquake resilience: implementation challenges	Svetlana Brzev	University of British Columbia	Canada
ILEE research on earthquake resilient structures	Ying ZHOU	Tongji University, Shanghai 200092, China	China
Engineering bases to ensure protection of NPPs against earthquakes	Tsuyoshi Takada	The University of Tokyo	Japan
Management of Post-Disaster Debris and Waste	Terri R. Norton	Bucknell University	US
Seismic performance of precast concrete structures emphasizes on the connections	Qihao Han	Guangzhou University, China	China
Building Regulatory System -towards Resilient Urban Environment-	Tatsuo Narafu	Architectural Institute of Japan (AIJ)	Japan
Current Status and Future Perspectives of Effects of Surface fault Displacement on Critical Infrastructure	Susumu Nakamura	Department of Civil Engineering, College of Engineering, Nihon University	Japan
Integrated Research on Great Earthquakes and Disaster Mitigation in Nepal Himalaya	Hiroe Miyake	Earthquake Research Institute, University of Tokyo	Japan
Framework for Infrastructure Systems Resilience: Overview and Illustrative Applications in Japan and U.S.	Masamitsu Onishi	Disaster Prevention Research Institute	Japan
Integrated hazard and disaster simulations related earthquakes and tsunami using high performance computing technology	Takane Hori	Japan Agency for Marine-Earth Science and Technology	Japan
Comparison of seismic codes	Tatsuya Azuhata	International Institute of Seismology and Earthquake Engineering, Building Research Institute, Japan	Japan
U.S. National Seismic Hazard Models and Engineering Applications	Peter Powers	U.S. Geological Survey	US
Resilience and Risk Assessment of Structures under Multiple Hazards	Vasant Matsagar	Department of Civil Engineering, Indian Institute of Technology (IIT) Delhi	India
Enhancing Earthquake Safety of Schools; Lesson Learnt from Nepal	Narayan Prasad Marasini	National Society for Earthquake Technology-Nepal	Nepal
Earthquake resistant buildings using raw and engineered bamboo	Cristoforo Demartino	Zhejiang University/University of Illinois at Urbana-Champaign Institute, 718 East Haizhou Road, Haining, Zhejiang 314400, China	China

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Large scale simulations and SHM to enhance communities and infrastructures resilience toward disasters	Gian Paolo Cimellaro	Politecnico di Torino	Italy
Seismic Resilience of Communities	Max Didier	ETH Zurich, Switzerland	Switzerland
Transportation System Seismic Performance: PEER TSRP and Lifelines Programs	Khalid M. Mosalam	University of California, Berkeley	US
Progress and Challenges in Advancing and Implementing Performance-Based Earthquake Engineering	Farzin Zareian, Eduardo Miranda, Dimitrios Vamvatsikos, Gerard O'Reilly, Dimitrios Lignos	University of California - Irvine; Stanford University ; National Technical University (Athens); IUSS (Pavia); EPFL	US
ADVANCES IN MODELING FIRE FOLLOWING EARTHQUAKE	Charles Scawthorn	University of California at Berkeley	US