



14th WORLD CONFERENCE ON EARTHQUAKE ENGINEERING

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HUI Liangyu Vice Premier, State Council, China

Members:

JIANG Weixin Minister, Ministry of Housing and Urban-Rural
Development, China

GUO Jinlong Mayor, Beijing Municipal People's Government,
China

SONG Ruixiang Former Director General, China Earthquake
Administration



14th WORLD CONFERENCE ON EARTHQUAKE ENGINEERING

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CHEN Gang Vice Mayor, Beijing Municipal People's Government,
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LIU Yuchen Deputy Director General, China Earthquake
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China

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SUN Jiaguang Vice President, National Natural Science Foundation of
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XIE Lili President of Chinese Association of Earthquake
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WANG Yayong	HU Chunfeng		



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14th WORLD CONFERENCE ON EARTHQUAKE ENGINEERING

Regular Session

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01 Lessons learned from recent earthquakes

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03 Engineering seismology

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09 Earthquake risk reduction for urban and rural areas

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12 Experimental studies

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13 Earthquake and multi-hazards

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14 Numerical methods in earthquake engineering

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15 Tsunami

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Special Session

Topics and Conveners

S01 Earthquake Risk & Insurance

S01-01 Micro-Credit and Micro-Insurance for Earthquake Disaster Mitigation

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S01-02 From Science and Technology to Insurance: Earthquake Insurance as a Risk Mitigation Measure

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S02 Researches on Earthquake Prediction

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S03 Earthquake Risk in Low and Medium Seismicity Regions

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S04 Open Seismic Risk Analysis

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S05 JAEE Special Sessions

S05-01 Spectacular Projects of Base-Isolated Buildings

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S05-02 Spectacular Projects of Passively-Controlled Buildings

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S05-03 Earthquake Early Warning System

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S06 Recent Contributions of the China-US Cooperative Research Program in Earthquake Engineering

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S07 Historical Aspects of Earthquake Engineering

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S08 Architecture and Earthquake Engineering

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S09 Earthquake Engineering Research and Practices in Seasonally Frozen and Permafrost Conditions

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S10 Long-period ground motions and their impacts on large-scale structures

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S11 Assessment and Rehabilitation of Historical Buildings

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S12 Seismic Design of Wood Frame Buildings

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S13 Seismic Aspects of Large Embankment and Concrete Dams

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S14 Seismic Design Optimization

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**S15 Collapse simulation and seismic assessment of existing reinforced concrete buildings
- Realistic experimental verification and rigorous analytical modeling**

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S16 Network for Earthquake Engineering Simulation (NEES) Special Sessions

S16-01 NEES Collaboratory Research Advances

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S16-02 NEES Collaboratory Innovations in Research Methods

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S17 E-Defense Special Sessions

**S17-01 E-Defense Steel - Full-Scale Shake Table Tests and Analyses on Conventional,
Value-Added, and Innovative Multi-Story Steel Buildings**

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MAHIN, Stephen

**S17-02 E-Defense Bridge - Verification of Seismic Performance of Bridge Structures
Utilizing Large-Scale Shaking Table**

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S17-03 International Collaboration - Experiences and Challenges for Sharing

Large-Scale Testing Facilities and Sharing and Disseminating Experimental Information

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S18 Earthquake Disaster Mitigation on Non-engineered Houses

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S19 Fire Resistance of Structures Subsequent to Seismically Induced Damage

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S20 Seismic Risk Reduction of Operational and Functional Components for Buildings

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S21 Quantifying Seismic Resilience

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S22 Information Networking on "Implementation Technology" for Earthquake Disaster Reduction - with a framework from the Disaster Reduction Hyperbase (DRH) Initiative

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S23 Information sharing and educational initiatives for improving global seismic safety

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S24 Dr. Kobori Memorial Session

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Yoshiyuki Suzuki

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S25 From Kyoto to Beijing: 20 years of structural control

Fabio Casciati

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S26 Recent Geotechnical Findings in Destructive Near-Field Earthquakes

Takaji Kokusho

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S27 IASPEI-IAEE Special session on "Dialogue Between Seismologist and Earthquake Engineers On Effective Earthquake Risk Reduction Implementation"

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Peter Suhadolc

Zhongliang Wu

Luis Esteva

Hirokazu Iemura

Polat Gulkan

S28 Experimental and analytical investigation of near-source effects on structures

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S29 Seismic Technologies for Rural Dwellings and Model Projects

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Yuan Zhongxia

S30 ASCE Special session

Alex Tang

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S31 Wenchuan Earthquake Special Session

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