

PRESENTATION SCHEDULE FOR SACEE'19

| Day-1: 21 st February 2019 | | | | | |
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| CSI Session – Seismic Vulnerability Assessment Venue – Eiffel Hall 1 Chair – Dr Naveed Anwar | | Amreli Session – Engineering Seismology Venue – Eiffel Hall 2 Chair – Prof Asif Khan | | Session 1 – Fire Hazard Venue – Eiffel Hall 3 Chair – Dr Ruggiero Lovreglio | |
| 09:30 – 10:15 | Keynote New Directions in Structural Health Monitoring <i>Keynote speaker - Khalid Mosalam</i> | 09:30 – 10:15 | Keynote Decadal Planetary Modulation of Tropical Earthquake Hazards - A Five Year Forecast <i>Keynote speaker - Roger Bilham</i> | 09:00 – 09:30 | Keynote Behaviour of Geopolymer Concrete and Structures at Ambient and Elevated Temperatures: Recent Developments and Challenges <i>Keynote speaker - Zhong Tao</i> |
| 10:15 – 10:30 | Response of Reinforced Concrete Building Structures Subjected to Multiple Seismic Shocks <i>Speaker - Aslam Faqeer</i> | 10:15 – 10:30 | A Suggested Seismic Zoning Map of Sindh, Pakistan <i>Speaker - Muhammad Ahmed</i> | 10:15 – 10:30 | Fire Hazard Assessment of Library Building – Design Fire Curve <i>Speaker - Tariq Aziz</i> |
| 10:30 – 10:45 | State of the Art and Practice of Masonry Infilled RC Frame Structures in Pakistan, China and Europe <i>Speaker - Nisar Ali Khan</i> | 10:30 – 10:45 | Feasible Ground Motion Prediction Equations for Hindukush Seismic Zone <i>Speaker - Muhammad Waseem</i> | 10:30 – 10:45 | Fire Hazard Assessment of Library Building – Evacuation Analysis <i>Speaker - Tariq Aziz</i> |
| 10:45 – 11:15 | TEA BREAK | | | | |
| CSI Session – Seismic Vulnerability Assessment Venue – Eiffel Hall 1 Chair – Mr Randolph Langenbach | | Amreli Session – Engineering Seismology Venue – Eiffel Hall 2 Chair – Prof Fabio Sabetta | | Session 2 – Fire Hazard Venue – Eiffel Hall 3 Chair – Prof Zhong Tao | |
| 11:15 – 12:00 | Keynote Leaning Tower of Pisa: Uncertainty Reduction for Seismic Risk Assessment through Dynamic Monitoring, Site Response Analysis and Soil-structure Interaction Modelling <i>Keynote speaker - Camillo Nuti</i> | 11:15 – 12:00 | Keynote Perspective on the earthquake hazard problem: Examples from the Alpine-Himalayan belt <i>Keynote speaker - Abdelkrim Aoudia</i> | 11:15 – 12:00 | Keynote Seismic Behaviour of Full-Scale RC Columns after Fire Exposure <i>Keynote speaker - Alper Ilki</i> |

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| 12:00 – 12:15 | Structural Seismic Inadequacy of Schools in Northern Areas of Pakistan <i>Speaker - Rashid Ahmed Khan</i> | 12:00 – 12:15 | of Pakistan based on recent tools <i>Speaker - Muhammad Inayat</i> | 12:00 – 12:15 | Residual Mechanical Properties of Normal Strength Concrete after Exposure to Fire <i>Speaker - Tariq Aziz</i> |
| 12:15 – 12:30 | Comparison of Performance of Reinforced Concrete Buildings and Brick Masonry Buildings in Muzaffarabad During 8th October 2005 Earthquake in Pakistan <i>Speaker - Zeeshan Ullah</i> | 12:15 – 12:30 | Wireless Based Vibration Detection Scheme <i>Speaker - Shujaat Ali</i> | 12:15 – 12:30 | Participants Networking |
| 12:30 – 13:45 | LUNCH BREAK | | | | |
| CSI Session – Seismic Vulnerability Assessment Venue – Eiffel Hall 1 Chair – Prof Camillo Nuti | | Amreli Session – Engineering Seismology Venue – Eiffel Hall 2 Chair – Prof Roger Bilham | | Session 3 – Fire Hazard Venue – Eiffel Hall 3 Chair – Prof Zhong Tao | |
| 13:45 – 14:30 | Keynote Significance of Soil Structure Interaction in Seismic Response of Buildings <i>Keynote speaker - Naveed Anwar</i> | 13:45 – 14:30 | Keynote Past and the Current Status of Seismic Hazard Analysis Studies in Pakistan <i>Keynote speaker - Muhammad Asif Khan</i> | 13:45 – 14:30 | Keynote Virtual and Augmented Reality for Human Behaviour in Disasters <i>Keynote speaker - Ruggiero Lovreglio</i> |
| 14:30 – 14:45 | Seismic Assessment of A Strategic Existing RC Building using the New Seismic Code RPA 2018 and Nonlinear Dynamic Analysis <i>Speaker - Youcef Mehani</i> | 14:30 – 14:45 | Determination of Crustal Structure of Islamabad Pakistan by using teleseismic Receiver Functions and Joint Inversion Technique <i>Speaker - Zahid Rafi</i> | 14:30 – 14:45 | Mathematical Modelling of Post-Earthquake Fire Spread In Karachi <i>Speaker - Muhammad Masood Rafi</i> |
| 14:45 – 15:00 | Performance Evaluation of Reinforced Concrete Buildings with SMRF and BRB Framed Structural Systems <i>Speaker - Abdul Basit Dahar</i> | 14:45 – 15:00 | A Proposal for a New Formulation of the Pakistan Seismic Design Action <i>Speaker - Fabio Sabetta</i> | 14:45 – 15:00 | Fire Modeling and Tenability Analysis of an Office Building <i>Speaker - Kashif Irshad</i> |

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| 15:00 – 15:15 | Comparison of Inelastic Modeling Techniques using Static Pushover Analysis and Nonlinear Time History Analysis <i>Speaker - Fatima Khalid</i> | 15:00 – 15:15 | Comparison of Accumulated Stress Based Pore Pressure Model and Plasticity Model in 1D Site Response Analysis <i>Speaker - Saeed Ullah Jan Mandokhail</i> | 15:30 – 15:15 | Life Safety and Implementation of Building Code of Pakistan Fire Safety Provisions <i>Speaker - Tariq Moen</i> |
| 15:15 – 15:30 | Performance – Based Seismic Assessment of RC SMRF Compliant & Noncompliant Structures <i>Speaker - Muhammad Rizwan</i> | 15:15 – 15:30 | Promotional Video by Amreli Steels | | |
| 15:30 – 15:45 | TEA BREAK | | | | |
| CSI Session – Seismic Vulnerability Assessment Venue – Eiffel Hall 1 Chair – Prof Humberto Varum | | Session 2 – Infrastructure and Lifeline Systems Venue – Eiffel Hall 2 Chair – Prof Roger Bilham | | Session Closed | |
| 15:45 – 16:30 | Keynote Recovering the Lost 'Moment': How Timber-laced Masonry may hold the Secret to Stopping Pancake-Collapse of Concrete Moment Frames <i>Keynote speaker - Randolph Langenbach</i> | 15:45 – 16:30 | Keynote Seismic Behaviour of Novel Integral Abutment Bridges <i>Keynote speaker - Bruno Briseghella</i> | | |
| 16:30 – 16:45 | Effect of Re-Entrant Corner Joint on the Seismic Behaviour of Reinforced Concrete Building <i>Speaker - Tehmina Ayub</i> | 16:30 – 16:45 | System Identification of a Pedestrian Bridge for Structural Health Monitoring Applications <i>Speaker - Muhammad Usman</i> | | |
| 16:45 – 17:00 | Effect of Hysteretic Rule on the Seismic Fragility Curves of the Unreinforced Brick Masonry <i>Speaker - Numan Zahid</i> | 16:45 – 17:00 | Assessment of the Seismic Performance of Submerged Floating Tunnel under Multi-Support Seismic Excitations <i>Speaker - Naik Muhammad</i> | | |

| CSI Session – Seismic Vulnerability Assessment Venue – Eiffel Hall 1 Chair – Prof Humberto Varum | | | |
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| 17:00 – 17:15 | Instrumentation, Software and Reporting Practices for Structural Health Monitoring <i>Speaker - Sarp Dincer</i> | Session Closed | Session Closed |
| 17:15 – 17:30 | A New Earthquake Simulation Testing Equipment MUST <i>Speaker - Yan Xiao</i> | | |
| 17:30 – 17:45 | Seismic Vulnerability Assessment For the San Francisco Temple In Morelia, Mexico <i>Speaker - Guillermo Martínez</i> | | |
| 17:45 – 18:00 | Seismic Capacity of Medium Size Continuous Bridges with LRB <i>Speaker - Bertha Olmos</i> | | |
| 18:00 – 18:15 | Assessment of Predominant Frequencies In Dhaka City, Bangladesh Using Ambient Vibration <i>Speaker - Mehedi Ansary</i> | | |

| Day-2: 22 nd February 2019 | | | | | |
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| Session 1 – Retrofitting of Existing Structures Venue – Eiffel Hall 1 Chair – Prof Murat Saatcioglu | | Session 1 – Tsunami Hazard Venue – Eiffel Hall 2 Chair – Prof Sarosh Lodi | | Session 1 – U-Inspire Session Venue – Eiffel Hall 3 Chair – Prof Fabio Sabita | |
| 09:00 – 09:45 | Keynote Structural Assessment and Seismic Retrofitting of Existing Adobe Constructions <i>Keynote speaker - Humberto Varum</i> | 09:00 – 09:45 | Keynote Progress in Tsunami-Related Research: Tsunami Inundation on Ground and Implications <i>Keynote speaker - Aruna Nandasena</i> | 09:00 – 09:30 | Keynote Make a Difference: Role of Youth and Young Professionals in Science, Engineering Technology and Innovation for Disaster Resilient Communities <i>Keynote speaker - Irina Rafliana</i> |
| | | | | 9:30- 9:45 | Tsunami Inundation and Evacuation Modelling of Gwadar <i>Speaker - Shoab Ahmed</i> |
| 09:45 – 10:00 | Predicting Progressive Collapse of RC Framed Structure using Pressure-Impulse Diagram: A Case Study <i>Speaker - Maleeha Joohi</i> | 09:45 – 10:00 | 1D Hydrodynamic Equations for Boulder Transportation: Mathematical Analysis and Validation <i>Speaker - Hira Lodhi</i> | 09:45 – 10:00 | River Flow Forecasting Using Artificial Neural Network And Distributed Hydrological Modelling <i>Speaker - Rayyan Arif Ahmed</i> |
| 10:00- 10:45 | Keynote Seismic Vulnerability and Retrofit Methodologies in Medium-length RC Bridges <i>Keynote speaker - José Manuel Jara-Guerrero</i> | 10:00- 10:15 | Mapping of Tsunami Hazard along Makran Coast of Pakistan <i>Speaker - Zahid Rafi</i> | 10:00- 10:15 | Lessons learned, good practice, and management/organizational framework of U-INSPIRE Indonesia <i>Speaker - Hilman Arioaji</i> |
| | | 10:15 – 10:30 | Early Warning System For Fast Approaching Tsunami on Pakistan Coast <i>Speaker - Ghazala Naeem</i> | 10:15 – 10:30 | Landslide Disasters in Central Nepal Himalaya and Young Initiatives for DRR Research after the 2015 Gorkha Earthquake <i>Speaker - Kaushal Raj Gnyawali</i> |
| | | 10:30 – 10:45 | The Balochistan and Sindh Coast Survivors Revealed Facts of the 1945 Makran Tsunami <i>Speaker - Din Mohammad Kakar</i> | 10:30 – 10:45 | Dam Breaching Analysis on Hecras for Case Study of Attabad Dammed Lake <i>Speaker - Muntaha Ateeq</i> |

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| 10:45 – 11:15 | TEA BREAK | | | |
| Session 2 – Retrofitting of Existing Structures Venue – Eiffel Hall 1 Chair – Prof Bruno Briseghella | | Session Closed | Session 2 – Urban Risk Assessment Venue – Eiffel Hall 3 Chair – Prof Amod Mani Dixit | |
| 11:15 – 12:00 | Keynote Seismic Retrofit of Nonductile Reinforced Concrete Frame and Masonry Buildings <i>Keynote speaker - Murat Saatcioglu</i> | | 11:15 – 12:00 | Keynote Seismic Risk Assessment and Reduction in Italy <i>Keynote speaker - Fabio Sabetta</i> |
| 12:00 – 12:15 | Shake Table Tests on Haunch Retrofitted Reinforced Concrete Frames <i>Speaker - Junaid Akbar</i> | | 12:00 – 12:15 | Seismic Risk Mitigation and Management in Central And South Asia <i>Speaker - Nurul Alam</i> |
| 12:15 – 12:30 | Strengthening of Under-designed RC Frame Structure using RC Haunches (An Experimental and Numerical study) <i>Speaker - Sairash Javed</i> | | 12:15 – 12:30 | Integrated Rapid Visual Survey for Habitat Improvement (IRVISH) – Methodology & Approach for Implementation <i>Speaker - Amit Kumar</i> |
| 12:30 – 14:00 | LUNCH BREAK | | | |
| Amreli Session – Design of New Structures Venue – Eiffel Hall 1 Chair – Prof José Manuel Jara-Guerrero | | Session Closed | Session 3 – Emergency Response Venue – Eiffel Hall 3 Chair – Prof Fabio Sabetta | |
| 14:00 – 14:15 | Response of Masonry in-filled frame under Dynamic loading <i>Speaker - Alina Fatima</i> | | 14:00 – 14:15 | Keynote The 2015 Gorkha Earthquake: Some Lessons Learned <i>Keynote speaker - Amod Mani Dixit</i> |
| 14:15 – 14:30 | Response Modification Factor (R) for Bridges in Pakistan: A case study of a Typical RC Multi-Span Bridge in Pakistan <i>Speaker - Muhammad Jamal Butt</i> | | 14:15 – 14:30 | Design of an Indigenous Information System for Disaster Management <i>Speaker - Tariq Aziz</i> |

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| 14:30 – 14:45 | The study on the influence of seismic excitation method on the seismic response of frame structure supported by foundations with different elevations <i>Speaker - Yangyang Tang</i> | | 14:30 – 14:45 | ERRA, Pakistan: Reconstruction of Infrastructure Post 2005 Earthquake <i>Speaker - Muhammad Saadat Janjua</i> |
| 14:45 – 15:00 | Design and Analysis on Connection Type of Ultra-high-rise Twin-tower Structure <i>Speaker - Baolong Jiang</i> | | 14:45 – 15:00 | Strategic Direction and Mitigation Plan for TEWS in North West Indian Ocean Region <i>Speaker - Raza Shah</i> |
| | | | Session 4 – Social and Economic Aspects Venue – Eiffel Hall 3 Chair – Prof Fabio Sabetta | |
| 15:00 – 15:15 | Application of Glass Fiber Reinforced Concrete for Improvement of Seismic Performance of Flexural Member <i>Speaker - Aetsam khalil</i> | | 15:00 – 15:20 | Seismic Resistant Timber Buildings: How a supply chain of Wood may Help South Asia Achieve a Resilient Society? <i>Speaker - Martina Sciomenta</i> |
| 15:15 – 15:30 | Timber Light-frame Shear Walls: Numerical Modeling and Analytical Procedure for Seismic Analysis and Design <i>Speaker - Vincenzo Bianco</i> | | 15:20 – 15:35 | Post-Earthquake Reconstruction in Nepal: Its Communal Impacts and Essence of Socio-Technical Assistance <i>Speaker - Manish Raj Gouli</i> |
| 15:30 – 15:45 | The Effectiveness of Modal Decomposition Approach in Understanding the Dynamic Response of High-Rise RC Buildings <i>Speaker - Fawad Ahmed Najam</i> | | 15:35 – 15:50 | The Gorkha Earthquake Sequence of 2015 and Role of Women in Earthquake Reconstruction of Nepal <i>Speaker - Rita Thakuri</i> |
| 15:45 – 16:00 | Fine-Tuning A Modelling Strategy To Simulate The Thermomechanical Behavior of Double Friction Pendulum Seismic Isolators <i>Speaker - Vincenzo Bianco</i> | | | |
| 16:00 – 16:15 | TEA AND DEPARTURE | | | |