

13 August 2024, Tuesday

1200	Registration
1330	Word of Welcome - Prof Tan Kang Hai
1350	Opening Remarks - Prof Nemkumar Banthia
1400	Plenary Session Improvement of fire resistance of concrete & CFST columns Prof Wu Bo
1430	Plenary Session Modern experiments exploring advancements in protective structures engineering Prof Piotr Sielicki
1500	Tea Break
Session 1_ Strengthening of structures for extreme loading (I)	
1530	INVESTIGATION ON POST-FIRE OVERALL STABILITY OF AXIALLY COMPRESSED AND AXIALLY RESTRAINED Q690 HIGH STRENGTH STRUCTURAL STEEL COLUMNS <u>Lin-Xin Song</u> , Guo-Qiang Li, Y C Wang
1545	REINFORCING EFFECT OF TRANSPARENT POLYUREA RESIN COATING ON RC BEAM SUBJECTED TO IMPACT LOADING <u>Hiroki Tamai</u> , Murat Hosoglu, Yoshimi Sonoda
1600	RESISTANCE OF COMPOSITE BEAM WITH VARIOUS TYPES OF CONNECTIONS UNDER MIDSPAN IMPACT SCENARIOS Wenbing Han, <u>Kang Chen</u> , Daming Wang, Bo Yang
1615	RESPONSE OF CONTINUOUS RC BEAMS STRENGTHENED USING STRAIN-HARDENING CEMENTITIOUS COMPOSITES Ahmed Almaadawy, <u>Srishti Banerji</u> , Ghada M. Hekal, Magdy I. Salama
1630	CASE STUDIES OF POST-FIRE RESISTANCE CALCULATION AND STRENGTHENING OF REINFORCED CONCRETE COLUMNS <u>Tuan-Trung Nguyen</u> , Xuan-Dat Pham, Anh-Tuan Pham, Thi-Nguyet-Hang Nguyen, Manh-Ha Tran, Van-Hung Nguyen, Tuan-Ninh Nguyen, Truong-Thang Nguyen
1645	EXPERIMENTAL STUDIES ON THE DYNAMIC RESPONSE OF PRECAST CONCRETE SLABS UNDER BLAST LOAD <u>Shuanzhu Tian</u> , Qiushi Yan, Xiuli Du
1700	WHAT MATERIAL STRAIN RATES ARE IMPOSED DURING EARTHQUAKES IN SEISMICALLY RETROFITTED MASONRY WALLS ? <u>Salman Soleimani-Dashtaki</u> , Doo-Yeol Yoo, Nemkumar Banthia, Carlos E. Ventura
1715	FATIGUE ISSUES OF BFRP PROTECTIVE DOOR IN METRO TUNNEL SUBJECTED TO TRAIN-INDUCED WIND PRESSURE <u>Jialu Ma</u> , Wuhan Li, Zhenxing Zhang
1730	PERFORMANCE OF REINFORCEMENT DETAILS OF 90° RC FRAME CORNERS SUBJECTED TO OPENING BENDING MOMENTS IN PROTECTIVE STRUCTURES <u>Fabio Brantschen</u> , Duarte M. Viula Faria, Miguel Fernández Ruiz
1745	Presentation
1800	End