



ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
818	Gallegos, Ph.D.(c) Marco F. PUC/UBC	130 Evaluating the impact of fluid viscous dampers on the seismic collapse and loss assessment of Chilean RC dual wall-frame buildings	Contributed Abstract	Structural Engineering Research Collapse and Vulnerability Assessment of Building Structures	Full Paper accepted- Needs Revision	
845	Pei, Dr. Shiling Colorado School Of Mines	96 NHERI TallWood Capstone Test: Preliminary Observations	Contributed Abstract	Structural Engineering Research Experimental Testing of Structures and Components	Accepted - Needs Revision	
878	Dicleli, Professor Murat METU	78 Newly Developed Minimum Restoring Force Equations for Seismic Isolated Structures	Contributed Abstract	Structural Engineering Research Advances in Seismic Isolation	Accepted	
1017	Hoult, Dr Ryan Université Catholique De Louvain	281 Shape Memory Alloys in Reinforced Concrete Walls: Ongoing Work and Future Directions	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Accepted	
1215	Dhakar, Prof. Rajesh University Of Canterbury	203 Rocking walls with dual slot tracks: A low-damage option for internal partition walls	Contributed Abstract	Structural Engineering Research Performance of Nonstructural Components and Systems	Accepted	
1093	Kashima, Dr. Toshihide Building Research Institute	359 Changes in Dynamic Characteristics of a Seismically Retrofitted 13-Story Office Building	Contributed Abstract	Structural Engineering Research Seismic Structural Health Monitoring	Accepted	
1043	Moammer, Mr. Omid University of Alberta	349 NUMERICAL SEISMIC HYBRID SIMULATION OF STEEL MOMENT-RESISTING FRAMES WITH WIDE FLANGE COLUMNS AND EXPOSED COLUMN BASE CONNECTIONS	Contributed Abstract	Structural Engineering Research Experimental Testing and Hybrid Simulation of Structures	Accepted	
1116	Taylor, Principal Graham TBG Seismic Consultants	401 SRG Post-earthquake Evaluation	Special Session Abstract (Pre-approval Required)	Structural Engineering Research Advances in Performance Assessment of Structures	Accepted	
1126	Bayraktar, Professor Alemdar University of British Columbia	420 Characteristics of Ground Motion Records obtained during the Kahramanmaraş, Turkey earthquakes of February 2023	Contributed Abstract	Structural Engineering Research Ground Motion Characterization and Seismic Demands	Accepted	
1022	Dameh, Phd Candidate Farah York University	285 Considering Corrosion Conditioning in Seismic Evaluation of Corroded Reinforced Concrete Columns	Contributed Abstract	Structural Engineering Research Nonlinear Modeling of Damage in Structures	Accepted	
953	Lee, Professor Tae-hyung Konkuk University	173 Seismic floor response characteristics of a large irregular building	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
1101	Tamanna, Ms. Kishoare The University of British Columbia	369 State-of-the-art review on the seismic performance of dry precast concrete beam-column connections	Contributed Abstract	Structural Engineering Research	Accepted	Advances in Performance Assessment of Structures
887	Yeow, Dr Trevor Zhiqing Earthquake Research Institute, The University Of Tokyo	103 Non-displacement-based features for classifying deformation modes for buildings without sensors on all floors	Contributed Abstract	Structural Engineering Research	Accepted	Novel Structural Systems and Low Damage Technologies
882	Pandey, Dr. Bishnu British Columbia Institute of Technology (BCIT)	83 STRUCTURAL PERFORMANCE FACTORS OF LOW-RISE REINFORCED CONCRETE BUILDINGS WITH MASONRY INFILL IN NEPAL	Contributed Abstract	Structural Engineering Research	Accepted	Seismic Structural Health Monitoring
838	Hariri, Dr Bashar University of Toronto	149 Multi-platform numerical hybrid simulation assessment of the seismic stability of the E-BRBF and E-FBF systems for tall buildings in Vancouver	Contributed Abstract	Structural Engineering Research	Accepted	Advances in Performance Assessment of Structures
838	Hariri, Dr Bashar University of Toronto	385 Mitigating P-Delta effects on the seismic response of mid- and high-rise eccentrically and buckling-restrained steel braced frames in the Vancouver region	Contributed Abstract	Structural Engineering Research	Accepted	Experimental Testing and Hybrid Simulation of Structures
1099	Lin, Ph.d. Fan-ru Ncree	363 Miscellaneous and Non-structural Damage Caused by the 2022 Guanshan and Chihshang Earthquakes in Taiwan	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	Approaches for Design on Innovative Building Systems
1099	Lin, Ph.d. Fan-ru Ncree	371 Experimental Studies on Nonstructural Components in Critical Facilities	Contributed Abstract	Structural Engineering Research	Accepted	Performance of Nonstructural Components and Systems
844	Qiang, Mr. Ruite University of Victoria	199 Seismic performance of high-capacity light wood frame shear walls with multiple rows of nails	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Full Paper accepted- Needs Revision	Performance of Nonstructural Components and Systems
886	Teweldebrhan, Mr. Biniam UBC Okanagan	92 Effect of wall curtailments and infill configurations on the seismic performance of CLT shear-wall and Glulam moment resisting frame system	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	Design, Testing and Construction of Timber Structures
1082	Bhusal, Ms Shruti Tokyo Institute Of Technology	334 Experimental and Analytical Study on Flexural Behavior of Concrete-filled Steel Tube Piles	Contributed Abstract	Structural Engineering Research	Accepted	Design, Testing and Construction of Timber Structures
1038	Stenecker, Dr. Paul Wsp Canada	324 CASE STUDY OF A RAPID ASSESSMENT OF SEISMIC UPGRADE VIABILITY USING PERFORMANCE	Contributed Abstract	Structural Engineering Research	Accepted	Experimental Testing of Structures and Components

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
BASED EARTHQUAKE ENGINEERING						
				Advances in Performance Based Seismic Design		
1200	Liel, Prof. Abbie University of Colorado	439 Design Criteria for functional Recovery	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Accepted	
				Seismic Structural Health Monitoring		
1044	Quayyum, Dr. Shahriar Manhattan College	316 Influence of Welding Sequence on the Seismic Performance of Welded Steel MomentConnections	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Simulation and Testing of Structures		
921	KIM, Evaluation Of A Damaged Building's Residual Capacity Against Future Seismic Events Using The Capacity Spectrum Method Kyungjin The University of Tokyo	201 Evaluation of a damaged building's residual capacity against future seismic events using the Capacity Spectrum Method	Contributed Abstract	Structural Engineering Research	Accepted	
				Seismic Structural Health Monitoring		
1018	Mohseni, P.Eng Amir Paradigm Engineering Inc.	308 Shake Table Testing of Unique Restraint Systems for Seismic Rehabilitation of Nonstructural Components.	Contributed Abstract	Structural Engineering Research	Accepted as Oral Presentation	
				Performance of Nonstructural Components and Systems		
891	Metten, Mr. Andy Bush, Bohlman & Partners LLP	97 GUDANGAAY TLAATS'GAA NAAY TSUNAMI TOWERDESIGN AND CONSTRUCTION	Contributed Abstract	Structural Engineering Research	Accepted	
				Community Resilience and Functional Recovery		
776	Zhong, Dr Chiyun Kinetica	16 Performance-Based Seismic Design of Shear-Controlling Rocking-Isolation Podium (SCRIP) System for Enhanced Resilience of Tall Buildings	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Performance Based Seismic Design		
855	Flude, Mr. Cameron Carleton University	147 Development of New Seismic Testing Program for Suspended Ceilings	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Experimental Testing of Structures and Components		
987	Kundu, Mr Anirban McMaster University	304 Influence of connection hysteretic parameters on the seismic performance of conventional construction steel concentrically braced frames.	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Advances in Performance Assessment of Structures		
1092	Banihashemi, Mr Miramir Mcmaster University	347 Engineering Demand Parameters for Acceleration-Sensitive Nonstructural Components: Comparison of Peak Floor Acceleration and Spectral Acceleration	Contributed Abstract	Structural Engineering Research	Accepted	
				Performance of Nonstructural Components and Systems		
896	Kanemoto, Stress Transfer Mechanism In Steel-concrete Interfaces Of Steel Ends Embedded In Reinforced Concrete Kiyomi Shimizu Corporation	104 Stress Transfer Mechanism in Steel-Concrete Interfaces of Steel Ends Embedded in Reinforced Concrete	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Performance Assessment of Structures		

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
1026	Zarnani, Dr Pouyan AUT	297 New Seismic Resilient Systems for Protection of Residential Light Timber-Framed Structures: High damping, Self-centring and No Post-event Maintenance	Contributed Abstract	Structural Engineering Research Novel Structural Systems and Low Damage Technologies	Accepted	
770	Acosta Reveco, M.Sc. Joaquin University Of Toronto	293 Seismic Loss Assessment of Buildings using Building Information Modelling	Contributed Abstract	Structural Engineering Research Advances in Performance Assessment of Structures	Accepted	
1074	Subedi, Dr. Naresh Tokyo Institute Of Technology	361 Finite-element Modeling of Concrete-filled Steel Tube Piles	Contributed Abstract	Structural Engineering Research Nonlinear Modeling of Damage in Structures	Accepted	
361	Rahmzadeh, Ahmad University of British Columbia	421 Seismic Performance of Steel Bridge Piers Equipped with Shape Memory Alloy	Contributed Abstract	Structural Engineering Research Novel Structural Systems and Low Damage Technologies	Accepted - Needs Revision	
361	Rahmzadeh, Ahmad University of British Columbia	303 Experimental studies on loading rate sensitivity of buckling-restrained stainless steel energy dampers	Contributed Abstract	Structural Engineering Research Experimental Testing of Structures and Components	Accepted	
361	Rahmzadeh, Ahmad University of British Columbia	1 Finite-Element Analysis of the Seismic Response of Controlled Rocking Steel Bridge Piers	Contributed Abstract	Structural Engineering Research Analysis and Design of Bridge Structures	Accepted	
325	Moradi, Dr. Saber Toronto Metropolitan University	245 Predictive tool for modeling shape memory alloy-based connections in self-centering steel moment frames using artificial neural networks	Contributed Abstract	Structural Engineering Research Novel Structural Systems and Low Damage Technologies	Full Paper accepted- Needs Revision	
325	Moradi, Dr. Saber Toronto Metropolitan University	261 Influence of different design factors on the seismic response of coupled composite plate shear walls/concrete filled	Contributed Abstract	Structural Engineering Research Advances in Performance Assessment of Structures	Full Paper accepted- Needs Revision	
325	Moradi, Dr. Saber Toronto Metropolitan University	255 Performance-Based Optimization and Seismic Collapse Assessment of Self-Centering Steel Moment Frames with SMA-Based Connections	Contributed Abstract	Structural Engineering Research Approaches for Design on Innovative Building Systems	Accepted as Oral Presentation	
331	Motamedi, Dr. Mehrtash University of British Columbia	372 Laboratory Testing of Structural Timber Components and a Full-scale Wood Frame to Support Seismic Retrofit Guidelines for School Buildings in British Columbia	Special Session Abstract (Pre-approval Required)	Structural Engineering Research Experimental Testing of Structures and Components	Accepted - Needs Revision	
532	MacRae, Gregory Tongji University, Shanghai, China University of Canterbury, Christchurch, New Zealand	46 Quantification of benefits of using access panel for post-quake structural inspection in seismic areas	Contributed Abstract	Structural Engineering Research Repair and Retrofit of Structures	Accepted	
529	Koboevic, Dr Sanda Polytechnique Montreal	365 On the necessary number of aftershocks for seismic collapse risk assessment of buildings	Contributed Abstract	Structural Engineering Research	Accepted	

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
				Collapse and Vulnerability Assessment of Building Structures		
615	Rogers, Professor Colin McGill University	139 Inelastic cyclic response of bolts in low ductility braced frames	Contributed Abstract	Structural Engineering Research	Accepted as Oral Presentation	
				Experimental Testing of Structures and Components		
615	Rogers, Professor Colin McGill University	340 Experimental Evaluation of The Existing Exposed Column Base Connections in Areas of Infrequent Seismic Activity in Eastern North America	Contributed Abstract	Structural Engineering Research	Accepted as Oral Presentation	
				Experimental Testing of Structures and Components		
836	Rangwani, Mrs Kiran University Of Canterbury	48 Component Test on Frictional GripNGrab Device	Contributed Abstract	Structural Engineering Research	Accepted	
				Novel Structural Systems and Low Damage Technologies		
1073	Gu, Dr. Jianzhong Thompson Rivers University	328 Monotonic and Cyclic Performance of Self-tapping Screws for Cross-laminated Timbers with Steel Side Plates	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Design, Testing and Construction of Timber Structures		
98	Palermo, Professor Dan Department of Civil Engineering, York University	352 A Review of Experimental Testing of SE-SMA Reinforced Concrete Slender Shear Walls	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Novel Structural Systems and Low Damage Technologies		
977	Chen, Dr. Jiawei Tongji University	215 Mechanical properties and analytical model of novel energy-dissipating hold-down for CLT buildings	Contributed Abstract	Structural Engineering Research	Accepted	
				Design, Testing and Construction of Timber Structures		
819	Ferdosi, Mr Ehsan University of British Columbia	33 Comparative study on FEMA P695 and CCMC seismic evaluation methods, case study: balloon-type CLT shear wall structures	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Performance Assessment of Structures		
1128	Bebamzadeh, Dr Armin Ausenco Engineering Canada Inc	423 Impact of Vertical Ground Motions on Base Isolation Seismic Upgrade of the Canadian Parliament Building	Contributed Abstract	Structural Engineering Research	Accepted	
				Ground Motion Characterization and Seismic Demands		
1097	Montgomery, Dr. Michael Kinetica	358 STRUCTURAL PERFORMANCE OF TALL REINFORCED CONCRETE BUILDINGS IN VANCOUVER WITH OUTRIGGER VISCOELASTIC COUPLING DAMPERS (VCDS)	Contributed Abstract	Structural Engineering Research	Accepted	
				Novel Structural Systems and Low Damage Technologies		
1088	Mohammadi, Structural Engineer Hadiseh University Of Victoria	342 Nonlinear time-history analysis of mid-rise timber buildings - a comparison between the use of continuous rod and discrete hold-down systems in North America	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Design, Testing and Construction of Timber Structures		
812	Tadele, Mr. Sisay The University Of British Columbia	266 Comparative seismic design and response of concrete bridge piers reinforced with CSA 400W-C, CSA 500W-C, and ASTM	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
		1035 Grade 690 rebars		Analysis and Design of Bridge Structures		
874	Nayeem, Mr. Mostansir Billah University Of Calgary	125 Seismic behaviour of an Innovative inter modular connection for modular steel building	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Simulation and Testing of Structures		
899	Wu, Dr. Ya-jie Xi'an University Of Architecture And Technology	106 Evaluation of seismic performance of traditional heavy timber frames with different types of column foot joints	Contributed Abstract	Structural Engineering Research	Accepted	
				Design, Testing and Construction of Timber Structures		
833	Billah, Dr. Muntasir University Of Calgary	45 Experimental Investigation of Exposed Column Base Plate Connections Subjected to Combined Axial and Bi-Directional Lateral Loading	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Experimental Testing of Structures and Components		
1000	Gurung Shrestha, Miss Srijana University Of Canterbury	254 Nonlinear Static and Dynamic Analyses of Reinforced Concrete Wall Buildings: A Comparative Study	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Performance Assessment of Structures		
784	Richards, Dr. Paul DuraFuse Frames	19 Experimental Testing of Heavy Steel Moment Frames with Replaceable Shear Fuses	Contributed Abstract	Structural Engineering Research	Accepted	
				Experimental Testing of Structures and Components		
1131	Salmon, Mr. Jeffrey Ausenco Engineering	427 Effects of Snow and Ice on the Breakaway Resistance of Base-Isolated Buildings in Regions of Moderate Seismicity	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	
				Advances in Seismic Isolation		
811	Carvajal, Senior Geotechnical Engineer Juan-carlos Thurber Engineering	31 Seismic Embankment-Abutment-Structure Interaction of Integral Abutment Bridges	Contributed Abstract	Structural Engineering Research	Accepted	
				Analysis and Design of Bridge Structures		
860	Han, Mr Tongchen Unveristy of British Columbia	91 Numerical Analysis of Two-story CLT Building and Influence of Orthogonal Wall Connections	Contributed Abstract	Structural Engineering Research	Accepted	
				Design, Testing and Construction of Timber Structures		
853	Zhang, Prof Shenghan Hong Kong University Of Science And Technology	214 Strain Transfer Mechanisms of Fiber Optic Sensors and Recent Applications of Distributed Fiber Optic Sensing on Structural Component Testing	Contributed Abstract	Structural Engineering Research	Accepted	
				Seismic Structural Health Monitoring		
1125	Rodgers, Professor Geoffrey University of Canterbury	416 Experimental investigation and analysis of the equivalence of dissipaters with different reaction mechanisms	Contributed Abstract	Structural Engineering Research	Accepted	
				Novel Structural Systems and Low Damage Technologies		
1125	Rodgers, Professor Geoffrey University of Canterbury	417 Modified Design Process to Include the Influence of Viscous Damper Sub-System Stiffness on System-Level Structural Performance	Contributed Abstract	Structural Engineering Research	Accepted	

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				Novel Structural Systems and Low Damage Technologies		
1125	Rodgers, Professor Geoffrey University of Canterbury	418 Low-cycle fatigue testing of sacrificial energy dissipating fuses to better understand residual capacity	Contributed Abstract	Structural Engineering Research	Accepted	
				Repair and Retrofit of Structures		
1277	Keyhani, Ali Shahrood University of Technology	133 Seismic performance of a high-rise building equipped with a novel semi-active variable stiffness and damping actuator subjected to near-field ground motions	Contributed Abstract	Structural Engineering Research	Accepted as Oral Presentation	
				Novel Structural Systems and Low Damage Technologies		
848	Hossain, Mr Faroque The University Of British Columbia, Kelowna, Bc, Canada	57 Development of simplified expressions to predict the pushover response of tubular base rocking steel bridge piers.	Contributed Abstract	Structural Engineering Research	Accepted	
				Analysis and Design of Bridge Structures		
927	Huang, Mrs Wanru Chongqing University	134 Experimental investigation on Shear Connectors for Glulam-UHPC composite Structures	Contributed Abstract	Structural Engineering Research	Accepted	
				Design, Testing and Construction of Timber Structures		
752	Zhang, Mr Hongzhou University of Toronto	15 Utilizing Hybrid Simulations in the Calibration of Numerical Elements in Nonlinear Seismic Analysis	Contributed Abstract	Structural Engineering Research	Accepted	
				Experimental Testing and Hybrid Simulation of Structures		
982	Ni, Dr. Chun FPInnovations	223 Seismic Performance of Midply Shear Walls	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Accepted	
				Design, Testing and Construction of Timber Structures		
990	Odikamnoru, M.A.Sc. Student Ikenna University of British Columbia	242 Direct Displacement Based Design and Seismic Performance Assessment of Post-Tensioned Timber Building with Dissipative Bracing Systems	Contributed Abstract	Structural Engineering Research	Accepted	
				Design, Testing and Construction of Timber Structures		
915	Lee, Doctor Young-Wook Kunsan National University	195 Small Scaled Model Test on the Seismic Characteristics of Floatable Building with Varied Water Height	Contributed Abstract	Structural Engineering Research	Accepted	
				Experimental Testing of Structures and Components		
989	Pakpour, Dr. Farbod Rjc	239 Dynamic Friction Characterization of Low Cost Flat Sliding Isolation Surfaces	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Seismic Isolation		
1001	Chatha, Ms. Monrit RJC Engineers	250 Beyond the Code: How to Restrain Non-structural Components	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Performance of Nonstructural Components and Systems		
931	Capdevielle, Dr Sophie Université Grenoble Alpes	212 Accounting for corrosion in computing the seismic response of reinforced concrete beams	Contributed Abstract	Structural Engineering Research	Accepted	
				Nonlinear Modeling of Damage in Structures		
795	Hosseini, Miss Mahsa University of British Columbia	55 Assessment of Overstrength-related Factors for Conventional Construction	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
		Concrete Shear wall Archetypes in Canada using the Performance-Based Unified Procedure			Revision	
875	Bashiri, Mr Mehdi University Of Canterbury	88 Fracture Resistance of Moment Frame Beam-Column Connections with Cope Holes under Seismic Loading	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	Advances in Performance Based Seismic Design
1121	Osman, P.Eng. Sherif University of British Columbia, Canada	412 CYCLIC RESPONSE OF DOUBLE CONFINED REINFORCED CONCRETE BRIDGE PIERS: NUMERICAL INVESTIGATION	Contributed Abstract	Structural Engineering Research	Accepted	Nonlinear Modeling of Damage in Structures
1019	Nath, Ms. Dikshita University of British Columbia, Okanagan	283 Development of a novel yielding earthquake energy dissipation device using Additive Manufacturing and Topology Optimization	Contributed Abstract	Structural Engineering Research	Accepted	Analysis and Design of Bridge Structures
877	Karalar, Associate Professor Memduh Bilent Ecevit University	77 Mixed Use of Friction-Based and Rubber Bearings to Improve the Performance of Continuous Seismic-Isolated Bridges With Short End Spans	Contributed Abstract	Structural Engineering Research	Accepted	Novel Structural Systems and Low Damage Technologies
1114	Islam, Mr. Kamrul Polytechnique Montreal	394 Nonlinear Finite Element Modelling and Response Simulation of Controlled Rocking Tubular Steel Piers Prior to Shake Table Testing	Contributed Abstract	Structural Engineering Research	Accepted	Analysis and Design of Bridge Structures
1113	Chen, P.Eng. Allison Engineers and Geoscientists BC	384 History of the Seismic Retrofit Guidelines	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Full Paper accepted- Needs Revision	Novel Structural Systems and Low Damage Technologies
1105	Fujikura, Professor Shuichi Utsunomiya University	375 Cyclic tensile loading tests on RC member with superelastic Cu-Al-Mn alloy bars	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Full Paper accepted- Needs Revision	Repair and Retrofit of Structures
804	Franco-Anaya, Dr. Roberto University of Guadalajara	107 Seismic response reduction of a timber frame using semi-active resettable devices	Contributed Abstract	Structural Engineering Research	Accepted as Oral Presentation	Experimental Testing of Structures and Components
1013	Azimi, Mr. Mohsen The University Of British Columbia	278 Integrated Robotics System for Autonomous Mapping and Data Collection in Structural Health Monitoring Applications	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	Novel Structural Systems and Low Damage Technologies
1013	Azimi, Mr. Mohsen The University Of British Columbia	279 Optimizing Feature Selection and Improving Classification Accuracy in Structural Health Monitoring using a Group-Theoretic Water Strider Algorithm	Contributed Abstract	Structural Engineering Research	Accepted	Seismic Structural Health Monitoring
				Seismic Structural Health		

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
				Monitoring		
1109	Saifuzzaman, Mr. Mohammad Parsons	395 Comparative Study of Rocking Bridge Piers with Ductile and Isolated Bridge Piers	Contributed Abstract	Structural Engineering Research	Accepted	
				Novel Structural Systems and Low Damage Technologies		
906	Abdelrahman, Mr. Mahmoud Concordia University	114 Sensitivity Analysis of The Seismic Response Modification Factor of Reinforced Masonry Shear Walls	Contributed Abstract	Structural Engineering Research	Accepted	
				Performance of Masonry Structures		
164	Tait, Professor Michael McMaster University	406 An Overview of Fiber Reinforced Elastomeric Isolators	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Seismic Isolation		
873	Eini, Mr. Ariya University of Victoria	362 Seismic reliability analysis of a hybrid timber-steel frame with reduced beam section	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Advances in Performance Based Seismic Design		
873	Eini, Mr. Ariya University of Victoria	178 Seismic assessment of a hybrid light wood frame structure connected to a balloon-type CLT core	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Design, Testing and Construction of Timber Structures		
789	Jung, Dr. Donghyuk Korea University	197 Experimental study on dynamic response of base isolation tables in buildings subjected to seismic loading	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Seismic Isolation		
890	Miranda, Ms Catalina Joint Centre for Disaster Research, Massey University, Wellington, Aotearoa New Zealand	118 Predictions and societal expectations of damage to existing buildings in earthquakes in Aotearoa New Zealand	Contributed Abstract	Structural Engineering Research	Accepted	
				Community Resilience and Functional Recovery		
1023	Tirca, PhD Lucia Concordia University	312 Linked Column Frame Buildings for Post-Earthquake Reoccupancy	Invited Abstract	Structural Engineering Research	Accepted	
				Novel Structural Systems and Low Damage Technologies		
1023	Tirca, PhD Lucia Concordia University	290 Enhancing Design Criteria for I-shape Steel Beams of MRFs in Subduction-zone Earthquakes	Invited Abstract	Structural Engineering Research	Accepted	
				Ground Motion Characterization and Seismic Demands		
905	Shiradhonkar, Prof. Saurabh Indian Institute Of Technology Roorkee	112 Comparative study of Seismic Performance of precast beam-column dry connections	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	
				Advances in Performance Based Seismic Design		
905	Shiradhonkar, Prof. Saurabh Indian Institute Of Technology Roorkee	113 Experimental Investigation of Metallic Slit Damper subjected to Combined Bending and Shear Actions	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	
				Experimental Testing of Structures and Components		
856	Batukan, Mr Mehmet University Of Toronto	311 Effects of modeling of the welded vertical inter-module connection on the nonlinear dynamic response of a low-rise modular steel building	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Advances in Performance Assessment of Structures		

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973	Agarwal, Mr. Setu Raman University Of Auckland	209 Design and performance uncertainties for single and coupled CLT walls with resilient dampers	Contributed Abstract	Structural Engineering Research Collapse and Vulnerability Assessment of Building Structures	Full Paper accepted- Needs Revision	
810	Ortega, Mr. Mario Pontificia Universidad Catolica De Chile	148 Optimal reduction of seismic floor acceleration response using viscous dampers connecting non-consecutive floor levels	Contributed Abstract	Structural Engineering Research Approaches for Design on Innovative Building Systems	Full Paper accepted- Needs Revision	
759	González Ureña, Dr. Andrés Universidad De Costa Rica	53 Suitability of Frames with Intentionally Eccentric Braces as the seismic-force-resisting system of high-rise buildings	Contributed Abstract	Structural Engineering Research Novel Structural Systems and Low Damage Technologies	Accepted as Oral Presentation	
815	Brown, Dr. Justin Structurecraft	232 Investigation of Post-Tensioned CLT Core-Walls with Steel Link Beams for a Lateral Load Resisting System	Contributed Abstract	Structural Engineering Research Design, Testing and Construction of Timber Structures	Full Paper accepted- Needs Revision	
965	Daneshvar, Adjunct Professor Hossein University of Alberta	194 Performance of Resilient Perforated plate Connections in Mass Timber Seismic Force Resisting Systems	Invited Abstract	Structural Engineering Research Design, Testing and Construction of Timber Structures	Accepted	
1050	Naimi, Dr Mohammed Hatch	319 Numerical simulation of spatial variability and kinematic effect of ground motion on the response of above ground structure	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
827	Kakoty, Mr Preetish University Of British Columbia	186 Quantifying Variability in the Collapse Risk of Tall Non-Ductile Reinforced Concrete Shear Wall Buildings	Contributed Abstract	Structural Engineering Research Collapse and Vulnerability Assessment of Building Structures	Full Paper accepted- Needs Revision	
909	Hulsey, Dr Anne University Of Auckland	180 Nuances to consider when extending the risk-targeted design framework to new applications	Contributed Abstract	Structural Engineering Research Advances in Performance Based Seismic Design	Accepted	
820	Paglia, Mr. Alessandro York University	42 Behaviour of Reinforced Concrete Shear Walls Subjected to Combined Lateral and Gravity Loading	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
999	Van Engelen, Dr. Niel University Of Windsor	247 Sensitivity of the predicted lateral response of UFREIs to cost functions for fitting to experimental results	Contributed Abstract	Structural Engineering Research Advances in Seismic Isolation	Full Paper accepted- Needs Revision	
999	Van Engelen, Dr. Niel University Of Windsor	246 Sensitivity of the predicted lateral response of UFREIs to numerical model fitting techniques	Contributed Abstract	Structural Engineering Research Advances in Seismic Isolation	Accepted	
999	Van Engelen, Dr. Niel University Of Windsor	381 Investigating the Impact of Wood Diaphragm In-Plane Rigidity on the Seismic Behaviour of Isolated Part 9 Structures	Contributed Abstract	Structural Engineering Research Advances in Seismic Isolation	Accepted as Oral Presentation	
920	Park, Doctor Jeongah Kunsan National University	192 Experimental Study on the Retrofit of RC Frame with the Perforated Steel Plate	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
				Experimental Testing of Structures and Components		
806	Aghaeidoost, Mr. Vahid University Of Calgary	26 Seismic resilience assessment of bridges equipped with different isolation bearings under long-duration ground motions	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Analysis and Design of Bridge Structures		
806	Aghaeidoost, Mr. Vahid University Of Calgary	28 An advanced lead rubber bearing analytical model under low and high shear strain level	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Advances in Seismic Isolation		
782	Tazarv, Associate Professor Mostafa South Dakota State University	14 Precast Bridge Columns with Quick Repair Detailing	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Novel Structural Systems and Low Damage Technologies		
782	Tazarv, Associate Professor Mostafa South Dakota State University	117 NiTi SMA Reinforcement for Enhanced Seismic Performance of Bridges and Buildings	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Accepted - Needs Revision	
				High-Performance Engineering Materials		
1209	Sahoo, Prof. Dipti Ranjan Indian Institute Of Technology Delhi	269 Seismic behavior assessment of Fe-SMA based Buckling-Restrained Braced Frames	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Advances in Performance Assessment of Structures		
851	Rahman, Miss Jesika University Of Calgary	73 Vulnerability Assessment of Coastal Bridges Subjected to Tsunami Loading	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Analysis and Design of Bridge Structures		
859	Bosco, Phd Melina University Of Catania	64 Proposal of a design procedure for pin-supported Rocking Traditionally Braced Frames	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	
				Approaches for Design on Innovative Building Systems		
780	Nuñez Castellanos, Dr Eduardo UCSC	11 Assessment of web panel zone in built-up box columns subjected to bidirectional cyclic loads	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Experimental Testing of Structures and Components		
1021	Youssef, Dr Maged The University of Western Ontario	282 Structural Performance of a Five-Story RC Frame under Post-Earthquake Fire	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Performance Assessment of Structures		
807	Hashemi, Dr Ashkan The University of Auckland	24 Seismic Resilient Mass Timber Structures using innovative connections: Latest Research, Design Methods and Case Studies	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Novel Structural Systems and Low Damage Technologies		
975	Grange, Pr. Stéphane INSA Lyon	213 Implicit coupling using asynchronous time-schemes based on velocity continuity at the subdomain interface for seismic engineering problems	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Simulation and Testing of Structures		
1182	Hudson, Mr. Robert	43 Seismic retrofit of URM walls using timber	Contributed	Structural Engineering Research	Accepted	

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
	Python Fasteners	strong backs and CLI panels	Abstract	Repair and Retrofit of Structures		
955	Sarkis Fernandez, Dr Ana Isabel Rjc Engineers	202 STRATEGIES FOR MODELLING THE NONLINEAR BEHAVIOUR OF PRECAST PRE-STRESSED HOLLOW-CORE FLOORS	Contributed Abstract	Structural Engineering Research	Accepted	Nonlinear Modeling of Damage in Structures
884	Saud, Mr Deepak The University of British Columbia	321 Experimental study of grouted tube connection reinforced with smooth steel rebars	Contributed Abstract	Structural Engineering Research	Accepted	Experimental Testing of Structures and Components
966	Lin, Professor Tzu Kang National Yang Ming Chiao Tung University	216 Optimization of hybrid platform for high-tech equipment and building vibration mitigation using evolutionary algorithms	Contributed Abstract	Structural Engineering Research	Accepted	Novel Structural Systems and Low Damage Technologies
963	Prajapati, Dr. Girish Narayan Universite De Sherbrooke, QC	193 Seismic Response of Concrete Columns Reinforced with Varying Longitudinal Reinforcement (Steel and GFRP)	Contributed Abstract	Structural Engineering Research	Accepted	Experimental Testing of Structures and Components
1011	Araki, Dr. Yoshikazu Nagoya University	276 Orientation dependence of mechanical properties in single-crystal superelastic Cu-Al-Mn alloy bars	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Full Paper accepted- Needs Revision	High-Performance Engineering Materials
954	Faraji Zonouz, MASc Student Elmira Department of Civil Engineering, University of British Columbia, Vancouver, Canada	206 3D Vision-Based Structural Masonry Damage Detection	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	Seismic Structural Health Monitoring
978	Carofilis, Msc Wilson University Of Waterloo	217 Sensitivity analysis of design variables for self-centering buckling restrained braces with shape memory alloys	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	Repair and Retrofit of Structures
802	Bijelic, Dr. Nenad Resilient Steel Structures Laboratory, EPFL	159 Surrogate modelling for seismic collapse risk assessment of steel moment resisting frames	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	Collapse and Vulnerability Assessment of Building Structures
901	Delpasand Moghadam, Mr. Mohammad Sensequake	220 EFFECTIVENESS OF SENSEQUAKE PATENTED SENSING-BASED SEISMIC ASSESSMENT METHODOLOGY (3D-SAM) IN A TWO-STORY FULL-SCALE SHAKE TABLE TEST	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	Advances in Simulation and Testing of Structures
879	Mohammed, VP/director Of Engineering Mohammed Dynamic Isolation Systems	80 Seismic isolation of bridges: case studies worldwide	Contributed Abstract	Structural Engineering Research	Accepted	Advances in Seismic Isolation
1031	Moafimadani, Mr Hamid McMaster University	320 Effects of variability in soil properties on the seismic performance of CBF buildings	Contributed Abstract	Structural Engineering Research	Accepted	Advances in Performance Assessment of Structures
926	Chen, Mr. Zhongwei The University Of British	135 Vision-aided Displacement-based Model Reference Adaptive Control Method to	Contributed Abstract	Structural Engineering Research	Accepted	

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
	The University Of British Columbia	Reference Adaptive Control Method to Nonlinear Control of Shake Table	Abstract	Experimental Testing of Structures and Components		
847	Hsiao, Dr. Fu-Pei National Center for Research on Earthquake Engineering	94 Hybrid Simulation of a Reinforced Concrete (RC) Building Retrofitted by Shear Wall with Opening	Contributed Abstract	Structural Engineering Research	Accepted	
919	Mori, Ms Miki The University of Tokyo	131 Development of the capacity curve for non-instrumented buildings using seismic evaluation results	Contributed Abstract	Structural Engineering Research	Accepted	Experimental Testing and Hybrid Simulation of Structures
949	Hsu, PhD Student Yu-cheng The University Of British Columbia	164 Seismic Design of Tall Reinforced Masonry Shear Walls	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	Seismic Structural Health Monitoring
797	Mahrous, Mr. Amgad Concordia University	56 Evaluation and Quantification of Seismic Performance of Reinforced Masonry Core Walls with Boundary Elements	Contributed Abstract	Structural Engineering Research	Accepted	Performance of Masonry Structures
871	Li, Dr. Minghao University of British Columbia	198 Comparison of Seismic Performance on Plasterboard Bracing Walls and Plywood Shear Walls in the Context of New Zealand Light Timber-framed Houses	Contributed Abstract	Structural Engineering Research	Accepted	Performance of Masonry Structures
1024	Iqbal, Dr. Asif University of Northern British Columbia	292 Seismic Response of Timber Braced Frames with Shape Memory Alloy Dampers	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Full Paper accepted- Needs Revision	Design, Testing and Construction of Timber Structures
1024	Iqbal, Dr. Asif University of Northern British Columbia	295 Performance of Steel Frames with Buckling-Resistant Braces Subjected to Ground Motions	Contributed Abstract	Structural Engineering Research	Accepted	Novel Structural Systems and Low Damage Technologies
1024	Iqbal, Dr. Asif University of Northern British Columbia	296 Seismic Performance of Tall Wood Buildings with Fluid Viscous Dampers	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Accepted	Advances in Performance Assessment of Structures
938	Massa, Mr. Rico McGill University	157 Effect of High-Strength Reinforcement on Seismic Response of Columns	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	Design, Testing and Construction of Timber Structures
936	Elyasi, Ms Niloofer University Of Waterloo	142 Numerical Validation of a Seismic Rapid Visual Screening Method	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	Advances in Performance Assessment of Structures
994	Amini Tehrani, Dr. Hamed University Of Windsor	370 A Probabilistic Kalman-Based Method for the Identification of Deteriorating Nonlinear Hysteretic Structures	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	Seismic Structural Health Monitoring
1007	Rahgozar, Dr. Navid The University Of British Columbia	268 Higher-mode Suppression of Rocking-core Archetype using Energy Dissipation Devices	Contributed Abstract	Structural Engineering Research	Accepted	Novel Structural Systems and Low

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
1007	Rahgozar, Dr. Navid The University Of British Columbia	267 Recent Developments in Self-Centering Piston-Based Braced Frames	Special Session Abstract (Pre-approval Required)	Damage Technologies Structural Engineering Research	Accepted	
763	Mortazavi, Mr Pedram University Of Toronto	22 Experimental Validation of Cast Steel Replaceable Modular Yielding Links for Eccentrically Braced Frames	Contributed Abstract	Novel Structural Systems and Low Damage Technologies Structural Engineering Research	Full Paper accepted- Needs Revision	
763	Mortazavi, Mr Pedram University Of Toronto	145 Performance Assessment of Steel Eccentrically Braced Frames Equipped with Cast Steel Replaceable Modular Yielding Links through Pseudo-dynamic Hybrid Simulations	Contributed Abstract	Novel Structural Systems and Low Damage Technologies Structural Engineering Research	Full Paper accepted- Needs Revision	
1112	Cano, Mr. Pablo University Of Alberta	397 Experimental Evaluation of the Seismic Behaviour of Steel Multi-Tiered Braced Frames	Contributed Abstract	Advances in Simulation and Testing of Structures Structural Engineering Research	Accepted	
809	Mohammadgholipour, Mr Ali University Of Calgary	29 Selection of optimal intensity measure for probabilistic seismic demand analysis of highway bridges under long duration ground motions	Contributed Abstract	Experimental Testing and Hybrid Simulation of Structures Structural Engineering Research	Full Paper accepted- Needs Revision	
809	Mohammadgholipour, Mr Ali University Of Calgary	27 Seismic performance evaluation of PBPD designed Chevron Braced Steel Frames considering the effect of aftershocks	Contributed Abstract	Advances in Performance Assessment of Structures Structural Engineering Research	Full Paper accepted- Needs Revision	
1179	Kaur, Ms. Kiran UBC	86 Evaluating the Seismic Resilience of the Transportation Network in the Lower Mainland, BC: Bridge Performance	Contributed Abstract	Collapse and Vulnerability Assessment of Building Structures Structural Engineering Research	Full Paper accepted- Needs Revision	
959	M. Puthanpurayil, Dr. Arun Beca Ltd., New Zealand	182 Sustainability in seismic engineering: A new design paradigm	Contributed Abstract	Analysis and Design of Bridge Structures Structural Engineering Research	Accepted	
885	Nunez, Mr. Tomas The University of British Columbia	90 A comparison between traditional ambient vibration and motion amplification methods for identifying natural periods for wind turbines.	Contributed Abstract	Advances in Performance Based Seismic Design Structural Engineering Research	Accepted	
1041	Gu, Dr. Anqi University of Canterbury	341 Simulation results of shake-table test for a two-story concrete wall building	Contributed Abstract	Seismic Structural Health Monitoring Structural Engineering Research	Full Paper accepted- Needs Revision	
932	Pham, Mr Quang-vinh The university of Tokyo	170 Nonlinear equivalent single-degree-of-freedom analysis of steel frame structures using parameters estimated from recorded floor acceleration response	Contributed Abstract	Advances in Simulation and Testing of Structures Structural Engineering Research	Full Paper accepted- Needs Revision	

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
				Seismic Structural Health Monitoring		
858	AbdAllah, Mr AbdelRahman Concordia University	89 Numerical Investigation of the Dynamic Behavior of Fully Grouted Reinforced Masonry Shear Walls with Boundary Elements	Contributed Abstract	Structural Engineering Research	Accepted	
				Performance of Masonry Structures		
922	Tapia-Hernández, Dr. Edgar Universidad Autonoma Metropolitana	339 Performance Evaluation of Weak-Axis Steel Moment Connections	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Experimental Testing of Structures and Components		
922	Tapia-Hernández, Dr. Edgar Universidad Autonoma Metropolitana	350 Higher-mode effects on the seismic response of high-rise buildings	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Performance Assessment of Structures		
786	Pan, Prof. Yuxin The Hong Kong University of Science and Technology	59 Seismic analysis of 6-storey building with CLT shear walls and hyperelastic hold-downs	Contributed Abstract	Structural Engineering Research	Accepted	
				Design, Testing and Construction of Timber Structures		
786	Pan, Prof. Yuxin The Hong Kong University of Science and Technology	58 Seismic fragility assessment of a balloon-framed CLT building with self-centering hold-down	Contributed Abstract	Structural Engineering Research	Accepted	
				Design, Testing and Construction of Timber Structures		
1006	El-Badry, Dr. Mamdouh University of Calgary	262 Stud Reinforcement in Beam-Column Joints under Seismic Loads	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Experimental Testing of Structures and Components		
1006	El-Badry, Dr. Mamdouh University of Calgary	259 Static and Cyclic Behaviour of Concrete Truss Girder Connection Reinforced with Iron-based Shape Memory Alloy	Contributed Abstract	Structural Engineering Research	Accepted	
				Experimental Testing of Structures and Components		
1100	Ahmadi, Dr. Mohammad Hossein The University of British Columbia	366 Experimental study on the retrofitted masonry-infilled RC frames with prefabricated engineered cementitious composite panels	Contributed Abstract	Structural Engineering Research	Accepted	
				Repair and Retrofit of Structures		
907	Katebi, Ms. Leila University Of British Columbia	115 Computer Vision Methods to Determine Displacements of during Shake-Table Testing of a Full-Scale Wood-Frame Building	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	
				Seismic Structural Health Monitoring		
800	Chen, Ph.d, P.eng Zhiyong Pinnovations	87 Seismic Modelling and Analyses of Timber Structures	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Advances in Simulation and Testing of Structures		
781	Mata, Msc Ramon Department of Civil Engineering, Universidad Católica de la Santísima Concepción, Chile	306 Incremental dynamic analysis of steel storage racks subjected to Chilean earthquakes	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Advances in Performance Assessment of Structures		
781	Mata, Msc Ramon	12 Cyclic behavior of 3D moment	Contributed Abstract	Structural Engineering Research	Accepted - Needs	

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
	Department of CIVIL Engineering, Universidad Católica de la Santísima Concepción, Chile	connections subjected to bidirectional load: Experimental approach	Abstract	Experimental Testing of Structures and Components	Revision	
787	Rincón, Mr Julián D. University Of Canterbury	23 Retrofit and Repair of Reinforced Concrete Columns with Post-tensioned External Clamps	Contributed Abstract	Structural Engineering Research Repair and Retrofit of Structures	Full Paper accepted- Needs Revision	
846	Shabana, Dr. Islam Protostatix Engineering Consultants (An Englobe-Corp Subsidiary)	162 ON SHEAR STIFFNESS OF EARTHQUAKE-RESISTANT GFRP-RC SQUAT SHEAR WALLS	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	
846	Shabana, Dr. Islam Protostatix Engineering Consultants (An Englobe-Corp Subsidiary)	163 EFFECT OF ASPECT RATIO ON SEISMIC BEHAVIOR OF SQUAT SHEAR WALLS REINFORCED WITH GFRP BARS	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	
1104	Miari, Mr Mahmoud Gdansk University Of Technology	373 Torsional pounding between adjacent buildings with different structural configurations during earthquakes	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	
1014	Maharjan, Mr. Dev Earthquake Safety Solutions	300 Development of Fragility Curves for Existing Bridges in Nepal	Contributed Abstract	Structural Engineering Research Analysis and Design of Bridge Structures	Accepted	
991	Hartloper, Dr Alexander Imperial College London	274 Can we accurately predict the cyclic response of structural components without cyclic data? Case studies in the simulation of steel beam-columns with limited information.	Contributed Abstract	Structural Engineering Research Nonlinear Modeling of Damage in Structures	Accepted	
1090	Lee, Assoc. Prof. Chin-Long University Of Canterbury	355 More Unintended Spurious Forces in Seismic Response History Analysis	Contributed Abstract	Structural Engineering Research Advances in Simulation and Testing of Structures	Accepted as Oral Presentation	
161	Léger, Prof. Pierre Ecole Polytechnique de Montréal	39 A Progressive Methodology for Three-Dimensional Seismic Safety Assessment of Spillway Piers	Contributed Abstract	Structural Engineering Research Advances in Performance Assessment of Structures	Full Paper accepted- Needs Revision	
779	Weerasekara, Dr. Lalinda WSP Canada	9 Seismic Performance Evaluation of Previously Retrofitted Oak Street Bridge	Contributed Abstract	Structural Engineering Research Analysis and Design of Bridge Structures	Full Paper accepted- Needs Revision	
854	Mostafa, Mr. Mohamed University of Auckland	63 Seismic Performance of Precast Prestressed Hollow-core Floor Slabs and Residual Capacity of Web-cracked Floor Units	Contributed Abstract	Structural Engineering Research Collapse and Vulnerability Assessment of Building Structures	Full Paper accepted- Needs Revision	
117	Erochko, Dr. Jeffrey Carleton University	146 Development and Testing of New Ring Spring Self-Centering Energy Dissipative Braces	Contributed Abstract	Structural Engineering Research Novel Structural Systems and Low Damage Technologies	Accepted	
980	Shin, Professor Tae Myung Korea National University Of Transportation	219 Dynamic Performance of Small Sized Lead Rubber Bearings for Nuclear Equipment	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
895	Aldabagh, Dr. Saif Cowi	102 Accuracy and Uncertainty of Predicted Maximum and Residual Displacements of RC bridge Columns under Earthquake Excitations	Contributed Abstract	Structural Engineering Research	Accepted	Advances in Seismic Isolation
895	Aldabagh, Dr. Saif Cowi	101 Refined Deformation Limit States for Circular Reinforced Concrete Bridge Columns	Contributed Abstract	Structural Engineering Research	Accepted	Analysis and Design of Bridge Structures
1063	Woods, Dr. Josh Queens University	327 Design Considerations and Ductility of Axially Loaded Bolted Glulam Timber Connections with Internal Steel Plates	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	Design, Testing and Construction of Timber Structures
857	Al-Ahdal, Mr. Abdulelah Concordia University	68 Experimental comparison of the cyclic response of fully grouted and partially grouted masonry walls	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	Experimental Testing of Structures and Components
756	Conde Bandini, Dr. Pedro Alexandre Universite De Sherbrooke	51 Dual-layer Gaussian process model for limit state analysis of natural rubber bridge isolators	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	Advances in Seismic Isolation
952	Kedarisetti, Miss Ashritha University Of British Columbia	168 Influence of vertical and long-period ground motions on base isolators in Base Isolated bridges	Contributed Abstract	Structural Engineering Research	Accepted	Advances in Seismic Isolation
897	Xiao, Mr Yifei The University of British Columbia	136 Robotic crane 3D lift path planning and automation in construction using reinforcement learning approach	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	Design, Testing and Construction of Timber Structures
1134	Carrillo, Profesor Julian Universidad Militar Nueva Granada	433 Shear behavior of concrete panels reinforced with hooked end steel fibers	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	Experimental Testing of Structures and Components
1134	Carrillo, Profesor Julian Universidad Militar Nueva Granada	432 Thin and lightly reinforced concrete panels retrofitted with CFRP	Contributed Abstract	Structural Engineering Research	Accepted - Needs Revision	Repair and Retrofit of Structures
941	Blowes, Ms. Kristen University Of British Columbia	188 Comparative Analysis of Downtime Estimation Frameworks ATC-138 and TREADS	Special Session Abstract (Pre-approval Required)	Structural Engineering Research	Accepted	Functional Recovery Frameworks
910	Mamaghani, Associate Professor Iraj Civil Engineering Department, University of North Dakota	280 Seismic Design, Strength, and Ductility Evaluation of Thin-Walled Steel Tubular Structures	Contributed Abstract	Structural Engineering Research	Accepted	Advances in Performance Assessment of Structures
1079	Moghadasi, Phd Student Mahya University of British Columbia	333 Determination of higher-mode amplification effects in unbounded post-tensioned precast wall systems	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	Novel Structural Systems and Low Damage Technologies
916	Tavasoli, Mr. Sina The University of British	129 Autonomous damage assessment of structural columns using low-cost micro	Contributed Abstract	Structural Engineering Research	Accepted	

ID	Name / Organization	Paper Title	Type	Theme/SubTheme	Status	Session Details
	Columbia	aerial vehicles and 3D vision		Seismic Structural Health Monitoring		
942	Dufresne-Landry, Mr. Simon Polytechnique Montreal	154 Seismic Design and Response of a Gravity-Controlled Rocking Braced Frame System with Self-Centering Storey Shear Fuses	Contributed Abstract	Structural Engineering Research	Accepted	
				Novel Structural Systems and Low Damage Technologies		
842	Chacón-Valero, Edgar Pontificia Universidad Católica De Chile	153 Residual Seismic Capacity of Damaged Reinforced Concrete Walls with Unconfined Boundaries	Contributed Abstract	Structural Engineering Research	Full Paper accepted- Needs Revision	
				Experimental Testing of Structures and Components		
1034	Zhang, Dr Peng University of British Columbia	377 Influences of Cross-sectional Deformations of Structural Members on the Structural Responses of Selective Pallet Storage Racks under Earthquakes	Contributed Abstract	Structural Engineering Research	Accepted	
				Advances in Performance Assessment of Structures		
1034	Zhang, Dr Peng University of British Columbia	310 Experimental Investigation of Portal Frames of Selective Pallet Storage Racks under Cyclic Loads	Contributed Abstract	Structural Engineering Research	Accepted	
				Experimental Testing of Structures and Components		