

## DETAILED SCHEDULE

Tue 14/Nov					
8:00-8:30	Registration				
8:30-8:45	Opening Ceremony				
8:45-9:00	Special awards*				
9:00-9:15	Special awards*				
9:15-9:30	Special awards*				
9:30-9:45	Keynote Lecture				
9:45-10:00	William F. Baker				
10:00-10:15	Keynote Lecture				
10:15-10:30	Alberto Kalach				
10:30-10:45	Break				
10:45-11:00	Break				
11:00-11:15	Keynote Lecture				
11:15-11:30	Alberto Kalach				
11:30-11:45	Keynote Lecture				
11:45-12:00	Alberto Kalach				
12:00-12:15	Lunch Break				
12:15-12:30	Lunch Break				
12:30-12:45	Lunch Break				
12:45-13:00	Lunch Break				
13:00-13:15	Lunch Break				
13:15-13:30	Lunch Break				
	Special Session Sustainable design and structure Venue: Cozumel 1	Architectural Design Venue: Cozumel 2	Design criteria and guidelines Venue: Cozumel 3	Damage control, repair and strengthening Venue: Cozumel 4	Earthquake Engineering Venue: Cozumel 5
	Moderator: <b>David Morillón</b>	Moderator: <b>Gerardo Salinas</b>	Moderator: <b>E. Astudillo</b>	Moderator: <b>Alberto Escobar</b>	Moderator: <b>Roberto Gomez</b>
13:30-13:45	<b>David Morillón</b> Mexico DESIGN AND SUSTAINABLE STRUCTURE: CRITERIA, BASES AND STRATEGIES	<b>Yuki Nagai</b> Japan STRUCTURAL DESIGN OF A SEISMIC ISOLATED BUILDING IN MATSUMOTO CITY, JAPAN	<b>Trevor Taylor</b> United States CASE STUDY: CONTRASTING SEISMIC DESIGN CRITERIA FOR UTILITY-SCALE WIND TURBINE SUPPORT STRUCTURES IN MEXICO AND THE UNITED STATES	<b>Ju-Ok Noh</b> Korea PUNCHING SHEAR BEHAVIOR OF TWO-WAY VOID SLABS	<b>Sebastian Esteban Garzón- Tello</b> Mexico DAMAGE RELATIONSHIPS BASED ON DIFFERENT STRUCTURAL BEHAVIOR MODELS
13:45-14:00	<b>Costas Georgopoulos</b> United Kingdom SUSTAINABLE CONCRETE SOLUTIONS IN THE UK	<b>Shuji Tada</b> Japan STRUCTURE SYSTEM USING BY WOODEN VIERENDEEL BEAM	<b>Carlos Zavala</b> Peru VERIFICATION FOR SEISMIC SAFETY OF NON-STRUCTURAL ELEMENTS IN HOSPITALS	<b>Manuel Iván Salmerón Becerra</b> Mexico ANALYSIS OF THE CONVERGENCE OF THE TRANSFORMATION MATRIX ALGORITHM	<b>Xilin Lu</b> China DYNAMIC RESPONSE ANALYSIS OF A HIGH-RISE SHEAR WALL BUILDING INTEGRATED WITH PHOTOVOLTAIC FACADE
14:00-14:15	<b>Ma. Neftalí Rojas-Valencia</b> Mexico CONSTRUCTION WASTES FOR MANUFACTURES OF BRICKS	<b>Isaura Elisa Lopez Vivero</b> Mexico AEROLASTIC BEHAVIOR OF A TENSE STRUCTURE IN CONDITIONS OF SYMMETRY AND ASYMMETRY.	<b>Agustin Zambrano-Santacruz</b> Mexico EQUIVALENCE FACTOR FOR USING TABLES 4 WITH DIFFERENT YIELD STRESS FY OF THE AISC STEEL CONSTRUCTION MANUAL	<b>Fumitaka Ogura</b> Japan DEVELOPMENT, IMPLEMENTATION AND TESTING OF A SYSTEM TO REDUCE EXCESSIVE TENSILE FORCES IN RUBBER-BASED SEISMIC ISOLATORS	<b>David De Leon</b> Mexico DESIGN OF A METHODOLOGY TO ESTIMATE THE SEISMIC RELIABILITY OF A SLOPE
14:15-14:30	<b>David Morillón</b> Mexico ENVIRONMENTAL ASPECTS AND RECOMMENDATIONS FOR CONSTRUCTIONS AT THE CENTRAL AREA OF MEXICO	<b>Masato Ohata</b> Japan DEVELOPMENT OF OUTER FRAME CFH METHOD FOR STEEL-FRAME MULTI-STORIED HOUSING	<b>Franco Antonio Carpio</b> Mexico DESIGN LIMIT STATES FOR SEGMENTAL TUNNELS IN SOFT SOIL	<b>Kei Muto</b> Japan PASSIVE CONTROL OF LONG- PERIOD VIBRATIONS OF A HIGH- RISE BUILDING BY TUNED MASS DAMPERS	<b>Giada Gasparini</b> Italy A BRACING SYSTEM FOR OPTIMIZED SEISMIC PERFORMANCE OF MULTISTORY FRAME STRUCTURES
14:30-14:45	<b>Amador Teran Gilmore</b> Mexico STRUCTURAL AND ENVIRONMENTAL ADVANTAGES OF USING EARTHQUAKE-RESISTANT DIAGRID SYSTEMS FOR TALL BUILDINGS	<b>Davoud Saadat</b> Iran EVALUATING PARAMETRIC AND ALGORITHMIC ARCHITECTURAL APPROACHES IN DESIGNING OF TOWERS	<b>Magdalena Trujillo</b> Mexico Plastics design for structural applications	<b>David Cervantes</b> Mexico BEHAVIOR OF AN RC BEAM- COLUMN CONNECTION RETROFITTED WITH FIBER- REINFORCED POLYMER SYSTEM	<b>Giada Gasparini</b> Italy TOWARD STRENGTH-BASED WALL STRUCTURES FOR SEISMIC-PROOF BUILDINGS

14:45-15:00	Break				
15:00-15:15	Break				
	Special Session The Future of Structural Engineering Education Venue: Cozumel 1	Special Session Bridges Venue: Cozumel 2	Wind and earthquake hazard mitigation of housing and building Venue: Cozumel 3	Damage control, repair and strengthening Venue: Cozumel 4	Earthquake Engineering Venue: Cozumel 5
	Moderator: <b>Maria Garlock</b>	Moderator: <b>Gerardo Salinas</b>	Moderator: <b>Adrian Pozos</b>	Moderator: <b>Anibal Tafu</b>	Moderator: <b>Cheng Chen</b>
15:15-15:30	<b>William Baker</b> United States THE EDUCATION OF A STRUCTURAL DESIGNER	<b>Enzo Siviero</b> Italy THE SIGNIFICANCE OF THE BRIDGE AMONG THE HISTORY AND FUTURE, METAPHORS AND HINTS, DREAM AND VISION, CHALLENGE AND WIT	<b>Raul Arranz</b> Germany TMD SYSTEMS FOR INCREASE OF DAMPING WITHIN HIGH RISE BUILDINGS	<b>Carlos Enrique Peña Ramos</b> Mexico SEISMIC AND GRAVITATIONAL STRENGTHENING OF AN ASYMMETRIC REINFORCED CONCRETE BUILDING USING A HYBRID FRP-STEEL PLATE APPROACH	<b>Freddy Duran C.</b> Peru SEISMIC RESPONSE OF A MODERN COMPLEX ARCHITECTURAL STEEL PEDESTRIAN BRIDGE
15:30-15:45	<b>Maria Garlock</b> United States INTEGRATING CREATIVITY AND DISCIPLINE IN STRUCTURAL DESIGN EDUCATION		<b>Maekawa Motonobu</b> Japan SEISMIC STRUCTURE WITH BASE ISOLATION AND VIBRATION CONTROL FOR HIGH-RISE TOPPED PODIUM BUILDINGS	<b>Amador Teran Gilmore</b> Mexico RELATIONSHIPS BETWEEN RESIDUAL DISPLACEMENTS AND PLASTIC DEFORMATION DEMANDS	<b>Juan Francisco Correál</b> Colombia IN-PLANE LATERAL LOAD PERFORMANCE OF FIBER- REINFORCED CONCRETE STRUCTURAL WALLS
15:45-16:00	<b>Sinead Mac Namara</b> United States Preparing Structural Engineers For Collaboration In Contemporary Design Practice		<b>Arturo Ernest Schultz</b> United States STATE-OF-THE-ART STRUCTURAL TESTING FOR SIMULATED EARTHQUAKE AND WIND LOADING	<b>Hiroaki Ashida</b> Japan EXPERIMENTAL RESEARCH ON DEVELOPMENT OF NEW OIL DAMPER WITH SPRING FOR ARCHITECTURAL VIBRATION CONTROL AND ANALYTICAL RESEARCH ABOUT ACTUAL BUILDING	<b>Cheng Chen</b> United States UNCERTAINTY QUANTIFICATION FOR SEISMIC RESPONSE OF SDOF SYSTEMS WITH DIFFERENT HYSTERESIS BEHAVIOR
16:00-16:15	<b>Andrea Surovek</b> United States IS STRUCTURAL ENGINEERING EDUCATION CREATING BARRIERS TO INNOVATION AND CREATIVITY?		<b>Norberto Dominguez R.</b> Mexico MULTI-SCALE MODELING OF URBAN REGIONS IN THE FRAMEWORK OF THE RESILIENCE BASED-DESIGN	<b>Takahiro Nakajima</b> Japan THE NEW STRUCTURAL SYSTEM TO CONTROL TORSIONAL RESPONSE AND DAMAGE CONCENTRATION AGAINST HORIZONTAL FORCE	<b>Zejun Han</b> China A HYBRID NUMERICAL METHOD FOR THE DYNAMIC STRESS RESPONSE OF TRANSVERSELY STRATIFIED HALF-SPACE
16:15-16:30	<b>Satwant Rihal</b> United States PERSPECTIVES ON STRUCTURAL ENGINEERING EDUCATION - THE CAL POLY EXPERIENCE			<b>Masaru Shimazu</b> Japan NUMERICAL ANALYSIS ON THE DAMAGED HANGAR WITH X- SHAPED BRACE IN THE 2016 KUMAMOTO EARTHQUAKE	<b>Anibal Tafur Gutierrez</b> Peru EFFECTIVENESS OF RUBBER ISOLATORS FOR THE SEISMIC RETROFITTING OF A PERUVIAN HIGHWAY CONCRETE BRIDGE
18:00	Welcome cocktail (1 hr courtesy)				

Wednesday 15					
Schedule					
8:00-8:30	Registration				
	Special Session Teaching of Structures to Students of Architecture Venue: Cozumel 1	Design criteria and guidelines Venue: Cozumel 2	Historic monuments and structures Venue: Cozumel 3	Sustainable structures Venue: Cozumel 4	Teaching and Education on Architecture and/or on Engineering Venue: Cozumel 5
	Moderator: <b>Gerardo Oliva</b>	Moderator: <b>Tomás Yáñez</b>	Moderator: <b>Marcos Mauricio</b>	Moderator: <b>Eduardo Arellano</b>	Moderator: <b>Tianjian Ji</b>
8:30-8:45	<b>Marcos Javier Ontiveros</b> Mexico THE QUEST FOR EDUCATIONAL EQUITY IN TEACHING STRUCTURES FOR THE FORMATION OF ARCHITECTS	<b>Yoshika Iwadare</b> Japan A PRACTICAL RESEARCH FOR A DESIGN OF STRUCTURE MADE OF CARBON FIBER REINFORCED PLASTIC HEADING TOWARDS IMPLEMENTATION	<b>Elisa Drago</b> Mexico TECHNOLOGICAL BOAST AND MODERNITY IN ENRIQUE DE LA MORA'S WORK	<b>Eduardo Arellano-Mendez</b> Mexico ESTIMATION OF THE EFFECTIVE PRESTRESSING FORCE IN EXISTING STRUCTURES	<b>Tianjian Ji</b> United Kingdom AN INTUITIVE WAY FOR ARCHITECTS AND ENGINEERS TO UNDERSTAND STRUCTURAL CONCEPTS
8:45-9:00	<b>Ramon Abud-Ramirez</b> Mexico TREND IN THE TEACHING OF STRUCTURES IN ARCHITECTURE	<b>Efrain Grajales</b> Mexico COMPARATIVE EVALUATION OF THE FILLET WELD CAPACITY IN PLATES PERFORMING ?I? BEAMS WITH DIFFERENT TYPES OF WELDING PROCESS	<b>Marcos Mauricio Chavez</b> Mexico OUT OF PLANE BEHAVIOR OF A TYPICAL COLONIAL TEMPLE SCALE 1:8	<b>Álvaro Hernández Santiago</b> Mexico BAMBOO JOINTS STRENGTH IN PARALLEL AND PERPENDICULAR TENSION AND PERPENDICULAR COMPRESSION	<b>David Brohn</b> United Kingdom Behaviour Revisited
9:00-9:15	<b>Antonio Heberto Castillo</b> Mexico ARCHITECTURE DOES NOT EXIST WITHOUT STRUCTURES ARCHITECTURAL AND STRUCTURAL DESIGN GO HAND IN HAND AND ARE INSEPARABLE	<b>Muberra Eser Aydemir</b> Turkey AN EXPERIMENTAL RESEARCH ON HYSTERETIC BEHAVIOR OF RC BEAMS UNDER SIGNIFICANT GRAVITY LOADS	<b>Sharada Nayakwadi</b> India INFERENCES FROM THE GLORIOUS KAKATIYA HERITAGE STRUCTURES	<b>Andrea Surovek</b> United States BIOMIMICRY OF NATURAL HABITATS: INTEGRATION OF STRUCTURAL TOPOLOGY AND MECHANICAL FUNCTION	<b>Victoria Emperatriz Ramirez Valdivia</b> Peru DESIGNING A CAPSTONE PROJECT IN CIVIL ENGINEERING AT PUCP
9:15-9:30	<b>Juan Gerardo Oliva</b> Mexico GEOMETRY AND MECHANICS, INESCAPABLE TOOLS OF ARCHITECTURAL AND STRUCTURAL DESIGN	<b>Andres Larrain</b> Chile STRUCTURAL DESIGN OF TORRE TITANIUM LA PORTADA, ONE OF THE TALLEST BUILDINGS RESISTING THE CHILEAN 8.8 MAULE EARTHQUAKE	<b>Carlos A. Torres</b> Mexico THEORETICAL-SYSTEMIC APPROACH TO STRUCTURAL ANALYSIS OF HISTORICAL BUILDINGS, APLICATION TO A VIRTUAL CASE STUDY	<b>Victor Pool Rojas Yupanqui</b> Peru USE OF IRON SLAG FROM METALLURGICAL INDUSTRY AS COARSE AGGREGATE FOR REINFORCED CONCRETE STRUCTURES: CASE STUDY IN VENTANILLA	<b>Manuel Ruiz-Sandoval</b> Mexico EFFECT OF THE DIRECTIONALITY OF THE SENSOR PLACEMENT FOR STRUCTURAL IDENTIFICATION
9:30-9:45	Break				
	Special Session Recent advances of wind engineering in Mexico Venue: Cozumel 1	Development of new urban places Venue: Cozumel 2	Shell and Spatial Structures Venue: Cozumel 3	Sustainable structures Venue: Cozumel 4	Teaching and Education on Architecture and/or on Engineering Venue: Cozumel 5
	Moderator: <b>Adrian Pozos</b>	Moderator: <b>David de León</b>	Moderator: <b>Hartmut Pasternak</b>	Moderator: <b>M Consolación Gómez</b>	Moderator: <b>Satwant Rihal</b>
9:45-10:00	<b>Vladimir Guzmán-Solís</b> Mexico DESIGN STAYED BRIDGE FOR WIND TUNNEL TESTING	<b>Israel Ivan León</b> Colombia RENEWABLE ENERGIES, ENERGY-EFFICIENCY & MULTIMODAL MOBILITY AS ECONOMY DECARBONIZATION STRATEGY ON DEVELOPING COUNTRIES	<b>Thomas Krausche</b> Germany WELDING EFFECTS IN UNREGULARLY STEEL BOX GIRDERS	<b>Sergio Márquez</b> Mexico RESIDUAL PET PROFILES AS TENSION REINFORCING FIBERS IN BEAMS	<b>José Luis Encarnación Miranda</b> Mexico DIDACTICS STRATEGY OF GEOMETRIC-STRUCTURAL DESIGN IN ARCHITECTURAL PROJECTS
10:00-10:15	<b>Josué Uriel Rodríguez</b> Mexico USE OF ARTIFICIAL NEURAL NETWORKS IN THE PREDICTION OF EXTERNAL PRESSURE COEFFICIENTS	<b>Valliappan Ramanathan</b> India PEDESTRIANISATION OF MEENAKSHI TEMPLE SURROUNDS	<b>Hartmut Pasternak</b> Germany DESIGN, CONSTRUCTIONS AND ASSEMBLY OF TWO MEMBRANE-CLADDED DOUBLE-CURVED CABLE NET ROOFS	<b>Yuuki Kuroiwa</b> Japan CONTINUOUS DESIGN ACTIVITY OF TEMPORARY ARCHITECTURE FOR THE 2016 KUMAMOTO EARTHQUAKE VICTIMS	<b>C. Moreno - A. Abad</b> Mexico STRUCTURAL MODELS AT A REDUCED SCALE FOR APPLICATION IN TEACHING STRUCTURES
10:15-10:30	<b>Juan Abdel Ortégón Esparza</b> Mexico PUBLIC PROGRAMS FOR WIND ENGINEERING APPLICATIONS ON STRUCTURES	<b>Nayar Gutierrez</b> Mexico RECIPROCAL FRAMES SHELTERS FROM A MULTI OBJETIVE OPTIMIZATION APPROACH	<b>Xiaoqun Luo</b> China ANALYSIS AND CONSTRUCTION FOR A LARGE SPAN TILTING PEDESTRIAN BRIDGE	<b>M Consolación Gómez</b> Mexico ELASTIC RESPONSE AND INITIAL COST OF RC BUILDINGS WITH DIFERENT PERCENTAGES OF SUBSTITUTION OF AGREGATE BY RECYCLED CONCRETE	<b>Miguel Arzate</b> Mexico SUSTAINABLE MATERIALS FOR CONSTRUCTION INDUSTRY
10:30-10:45	<b>Adrian Pozos</b> Mexico REVIEW OF SERVICEABILITY LIMIT STATES OF WIND-SENSITIVE BUILDINGS: COMPARISON OF MEXICAN AND INTERNATIONAL CODES AND STANDARDS		<b>Francisco Javier Gallegos</b> Mexico BAMBOO GRID SHELL STRUCTURES DESIGN IN RURAL TOURISM PROJECTS	<b>Juan Manuel García</b> Mexico CARBON FIBER COMPOSITES/ABS REINFORCED FOR ARCHITECTURAL DESIGN	

10:45-11:00	Break				
11:00-11:15	Break				
11:15-11:30	Keynote Lecture				
11:30-11:45	Jiemin Ding				
11:45-12:00	Keynote Lecture				
12:00-12:15	Benjamin Romano				
12:15-12:30	Lunch Break				
12:30-12:45	Lunch Break				
12:45-13:00	Lunch Break				
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13:15-13:30	Lunch Break				
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13:45-14:00	Keynote Lecture				
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14:30-14:45	Benjamin Romano				
14:45-15:00	Break				
15:00-15:15	Break				
	Special Session Recent advances of wind engineering in Mexico Venue: Cozumel 1	Special Session Design, construction and behavior of structures on soft soils Venue: Cozumel 2	Wind Engineering Venue: Cozumel 3	Damage control, repair and strengthening of structures Venue: Cozumel 4	Earthquake engineering Venue: Cozumel 5
	Moderator: <b>Adrian Pozos</b>	Moderator: <b>Luciano Fernandez</b>	Moderator: <b>Hugo Hernández</b>	Moderator: <b>Alberto Escobar</b>	Moderator: <b>Roberto Gomez</b>
15:15-15:30	<b>Edmundo Amaya-Gallardo</b> Mexico COMPARISON OF PRESSURE COEFFICIENTS OF TWO CUBIC LOW-RISE BUILDINGS TESTED IN A BOUNDARY LAYER WIND TUNNEL	<b>Luciano Fernandez</b> Mexico EVALUATION OF THE EQUIVALENT DUCTILITY OF BUILDINGS WITH DYNAMIC SOIL STRUCTURE INTERACTION EFFECTS USING CAPACITY CURVES	<b>Edgar Tapia-Hernández</b> Mexico INELASTIC RESPONSE OF TRANSMISSION TOWERS UNDER INTENSE WIND	<b>Yuyo Shiozawa</b> Japan EXPERIMENTAL STUDY REGARDING MECHANICAL PROPERTIES OF BEAMS COATING POLYUREA RESIN	<b>Wengong Li</b> Japan NUMERICAL STUDY ON CONCRETE-FILLED DOUBLE-LAYER STEEL TUBULAR COLUMN UNDER HIGH AXIAL LOAD
15:30-15:45	<b>Osvaldo Martín del Campo</b> Mexico MULTI-HAZARD STRUCTURAL ANALYSIS FOR THE DEVELOPMENT OF FRAGILITY CURVES OF WIND TURBINE STRUCTURES	<b>Jose Luis Rangel</b> Mexico EVALUATION OF INDUCED DISPLACEMENTS DURING CONSTRUCTION OF A DEEP EXCAVATION IN SOFT SOIL DEPOSITS USING DIFFERENT CONSTITUTIVE SOIL MODELS	<b>Edgar Tapia-Hernández</b> Mexico NORMATIVE DRAG COEFFICIENTS FOR WIND DESIGN OF TELECOMMUNICATION TOWERS	<b>Kaidoh Yamaguchi</b> Japan STUDY ON THE APPLICABILITY TO THE STRUCTURAL MEMBER USING HIGH-PERFORMANCE FIBER ROPE	<b>Marcos Mauricio Chavez</b> Mexico OBSERVATIONS OF DAMAGES IN SOME LOCATIONS OF OAXACA DUE TO THE TEHUANTEPEC Mw8.2 EARTHQUAKE
15:45-16:00	<b>Ricardo Vanegas</b> Mexico PARAMETRIC ANALYSIS OF A LONG SPAN BRIDGE TO IDENTIFY CRITICAL FLUTTER VELOCITIES	<b>Jose Luis Rangel</b> Mexico WHY STRUCTURE INTERACTION ANALYSIS IN VERY SOFT SOIL?	<b>Jesús Gerardo Valdés</b> Mexico ESTIMATION OF WIND PRESSURE PATTERNS OF HYPERBOLIC-PARABOLOID TENSILE MEMBRANE STRUCTURES BY CONSIDERING FLUID-STRUCTURE INTERACTION	<b>Rebeca Visairo-Mendez</b> Mexico STRUCTURAL DAMAGE IN REINFORCED CORRODED BEAMS - PRELIMINARY RESULTS	<b>Pablo Quinde Martínez</b> Mexico CORRELATIONS OF ENERGY REDUCTION FACTORS FOR THE SOFT SOILS OF MEXICO CITY
16:00-16:15	<b>Celso J. Muñoz</b> Mexico UPDATED WIND HAZARD FOR MEXICO	<b>Jorge Ruiz-Garcia</b> Mexico A COEFFICIENT METHOD FOR THE DISPLACEMENT-BASED SEISMIC ASSESSMENT OF FRAMED BUILDINGS ON SOFT SOILS	<b>Raul Sanchez Garcia</b> Mexico WIND PRESSURE COEFFICIENTS OF A GREENHOUSE USING WIND TUNNEL SIMULATION AND CFD SIMULATION	<b>Riku Masuda</b> Japan PRACTICAL STUDY REGARDING POSSIBILITIES OF WOODEN BEARING WALL USING NEW HIGH-STRENGTH FIBER AND PAINT	<b>Sotaro Takei</b> Japan RESEARCH ON THE DEVELOPMENT OF THE SEMI-RIGID COLUMN BASE OF REINFORCED CONCRETE: EXPERIMENTAL AND ANALYTICAL STUDY ON THE COLUMN BASE WITH CROSS SECTION REDUCED PORTION
16:15-16:30		<b>Alberto Cuevas</b> Mexico GEOTECHNICAL DESIGN OF THE CONTAINMENT SYSTEM FOR THE 22.4 M DEEP EXCAVATION LOCATED IN THE TRANSITION ZONE OF MEXICO CITY, APPLYING THE FINITE ELEMENT METHOD		<b>Ryoma Murata</b> Japan STUDY ON DAMPING STRUCTURE SYSTEM BASED ON ROCKING MECHANICS FOR TIMBER CONSTRUCTION	<b>Yuichiro Okuno</b> Japan STRUCTURAL DESIGN OF IRREGULARLY-SHAPED 180-METER-HIGH BUILDING
16:30-16:45		<b>Alonso Gómez-Bernal</b> Mexico EARTHQUAKE DAMAGE DUE TO SOFT SOIL CONDITIONS AND STRUCTURAL FEATURES OF THE BUILDING INFRASTRUCTURE IN LA COLONIA ROMA, MEXICO CITY		<b>Pablo Quinde Martínez</b> Mexico CORRELATIONS BETWEEN PLASTIC ENERGY AND MAXIMUM DUCTILITY DEMANDS: APPLICATION TO MEXICO CITY	SEWC Board meeting
16:45-17:00					
17:00-17:15					
17:15-17:30					
17:30-17:45					
17:45-18:00					
18:00-18:15					

Thursday 16					
Schedule	Registration				
8:00-8:30	Special Session Seismic Protection Systems Venue: Cozumel 1	Teaching and Education on Architecture and/or on Engineering Venue: Cozumel 2	Historic monuments and structures Venue: Cozumel 3	Life-cycle performance-based design Venue: Cozumel 4	Short and long term monitoring projects Venue: Cozumel 5
	Moderator: <b>Hector Guerrero</b>	Moderator: <b>Michael Kleiss</b>	Moderator: <b>Marcos Chavez</b>	Moderator: <b>Krisztián Hincz</b>	Moderator: <b>E. Astudillo</b>
8:30-8:45	<b>Jorge Ruiz-García</b> Mexico PERFORMANCE OF ECCENTRICALLY BRACED STEEL FRAMES UNDER NARROW- BAND SEISMIC SEQUENCES	<b>Christof A. Göbel</b> Mexico STUDENT PROJECTS "EINSTEINSTRASSE 91-95". DESIGNING FROM MEXICO FOR GERMANY	<b>Emre Kishali</b> Turkey CONSERVATION OF DERINCE TRAVERSE INJECTION FACTORY AND POWER STATION IN THE CONTEXT OF STRUCTURAL BEHAVIOUR	<b>Mabel Mendoza</b> Mexico ANALYSIS OF THE CONCEPT: SEISMIC RESILIENCE	<b>He-Qing Mu</b> China BAYESIAN LEARNING-BASED PATTERN RECOGNITION OF MODAL FREQUENCY- ENVIRONMENTAL CONDITION OF A REINFORCED CONCRETE BUILDING
8:45-9:00	<b>Hector Guerrero</b> Mexico SOME RECENT DEVELOPMENTS ON BUILDINGS EQUIPPED WITH BUCKLING-RESTRAINED BRACES (BRBs)	<b>Moisés Bustos Alvarez</b> Mexico ARCHITECTURE: CONCEPTION, DEVELOPMENT AND ITS CURRENT TEACHING AT THE UNIVERSIDAD AUTONOMA METROPOLITANA AZCAPOTZALCO CAMPUS	<b>Kasim Korkmaz</b> United States STRUCTURAL ASSESSMENT OF ANCIENT NORTH-EAST ANATOLIAN CHURCHES	<b>Veronica Maria Correa Giraldo</b> Mexico LIFE OF CYCLE ASESMENT OF A HOUSING SOLUTION BASED ON BAMBOO PREFABRICATED CONSTRUCTION SYSTEMS	<b>Yuxin Pan</b> Canada MODEL UPDATING OF A SUPER TALL BUILDING IN SHANGHAI WITH AMBIENT VIBRATION TEST DATA
9:00-9:15	<b>Amador Teran Gilmore</b> Mexico RESILIENCE-BASED DESIGN: THE MEXICAN DEVELOPMENT	<b>Michael Kleiss</b> United States FROM KNOWN TO NEW: MORPHOLOGICAL ANALYSIS AS AN ACADEMIC APPROACH FOR STRUCTURAL INNOVATION	<b>Simonetta Baraccani</b> Italy THE STRUCTURAL STRENGTHENING OF THE GARISENDA TOWER IN BOLOGNA, ITALY	<b>Krisztián Hincz</b> Hungary ANALYSIS OF AIR-INFLATED STRUCTURES	<b>Miguel Angel Castillo Mata</b> Mexico NEW APPROACH TO OBTAIN THE MECHANICAL ELEMENTS IN BEAMS WITH NON- CLASSICAL SUPPORTS
9:15-9:30	<b>Dario Rivera Vargas</b> Mexico SEISMIC DESIGN OF RC BUILDINGS USING VISCOUS DAMPERS	<b>Mabel Mendoza</b> Mexico TEACHING AND LEARNING STATICALLY DETERMINATE STRUCTURES WITH INFORMATION AND COMMUNICATION TECHONOLOGIES (ICT)	<b>Luis Herrera</b> Mexico STRUCTURAL FAILURES CRATED BY EARTHQUAQUES IN HISTORICAL MONUMENTS OF THE STATE OF PUEBLA, MEXICO	<b>Juan Jose Ramirez</b> Mexico SPLINE ARC - A PNEUMATIC CHAMBERS SYSTEM APPLIED IN A TEMPORARY MEMBRANE STRUCTURE	
9:30-9:45	Break				
	Special Session Concrete Shells in Latin America: Past and Present Venue: Cozumel 1	Shell and Spatial Structures Venue: Cozumel 2	Sustainable structures Venue: Cozumel 3	Smart structures Venue: Cozumel 4	Earthquake engineering Venue: Cozumel 5
	Moderator: <b>Juan I. del Cueto</b>	Moderator: <b>Hector Sanchez-Sanchez</b>	Moderator: <b>Natasa Zivaljevic-Luxor</b>	Moderator: <b>Amador Teran</b>	Moderator: <b>Sonia E. Ruiz</b>
9:45-10:00	<b>Juan Ignacio del Cueto</b> Mexico CANDELAS FIRST SHELLS FOR A RELIGIOUS SPACE. MEDALLA MILAGROSA CHURCH, GEOMETRY AND CONSTRUCTION	<b>Edwin González Meza</b> Mexico GRID TRANSFORMATIONS, GÜNTER GÜNSCHELL DESIGNER OF FREE-FORM SHELLS.	<b>Eduardo Langagne</b> Mexico CONSTRUCTION IN BAMBOO IN VIETNAM	<b>Natsuki Yasui</b> Japan EXPANDED APPLICATIONS OF HIGH PERFORMANCE FIBER ROPE AS BUILDING STRUCTURAL MEMBERS	<b>Sonia E. Ruiz</b> Mexico COMPARISON OF GUIDELINES FOR SEISMIC DESIGN OF STRUCTURES WITH PASSIVE ENERGY DISSIPATION DEVICES
10:00-10:15	<b>Eduardo Alarcón</b> Mexico VIRTUAL RECONSTRUCTION OF THE CONCRETE SHELLS OF THE EXTINCT CASINO DE LA SELVA	<b>Hector Sanchez Sanchez</b> Mexico BEHAVIOUR AND RESPONSE OF THE ALUMINIUM GEODESIC DOMES UNDER WIND BY NUMERICAL SIMULATION	<b>Attila Puskas</b> Rumania STRUCTURAL OPTIMIZATIONS FOR SUSTAINABLE SOLUTIONS OF BUILDINGS	<b>Akira Suzuki</b> Japan THE VENEER HOUSE	<b>Gilbert Torres Morales</b> Mexico STRUCTURAL EVALUATION OF UNIVERSITY OF VERACRUZ RECTORY OFFICE BUILDING IN XALAPA, VERACRUZ, MEXICO.
10:15-10:30	<b>Daniel Pozuleos</b> Guatemala CUBIERTAS ALA DE GUATEMALA. SHELL STRUCTURES BY MAURICIO CASTILLO CONTOUX	<b>Hector Sanchez Sanchez</b> Mexico BEHAVIOR AND NON-LINEAR RESPONSE OF CONCRETE SHELL ROOFS UNDER WIND ACTION	<b>Mathieu Queiros</b> Mexico BIBA: HOUSING SOLUTION BASED ON BAMBOO PREFABRICATED CONSTRUCTION SYSTEMS	<b>Victor Chiari</b> Brazil CASE STUDY INVOLVING THE USE OF MECHANICAL COUPLERS FOR CONSTRUCTION OF THE PRECAST ELEMENTS ON OLYMPIC TENNIS CENTER FOR RIO 2016 IN BRAZIL	<b>Mauricio Ciudad-Real</b> United States EARTHQUAKE BUSINESS CONTINUITY FOR UNITED ARAB EMIRATES BUILDINGS USING STRUCTURAL HEALTH MONITORING AND PERFORMANCE-BASED EARTHQUAKE ENGINEERING RAPID EVALUATION

10:30-10:45	<b>Luis Muller</b> Argentina THE ARCH AND THE SHELL. ARCHITECTURAL STRUCTURES IN THE WORK OF AMANCIO WILLIAMS	<b>Satwant Rihal</b> United States SEISMIC BEHAVIOR OF MASONRY CLOISTER VAULTS	<b>Natasa Zivaljevic-Luxor</b> Serbia BUILT HERITAGE PRESERVATION AND CLIMATE CHANGE – CASE STUDY OF IMPACT ON SERBIAN VERNACULAR RESIDENTIAL ARCHITECTURE	<b>Gabriel Santana</b> Mexico COMBINATION OF MULTIPLE CONSTRUCTION SYSTEMS WITH THE GREATEST EFFECTIVENESS FOR THE 52,000 CAPACITY FOOTBALL STADIUM IN MONTERREY, N.L. MEXICO	<b>Daniel Saavedra Maldonado</b> Mexico STUDY OF THE BEHAVIOR OF ELEMENTS BEAM REINFORCED CONCRETE FIBER ADDITION TO CYCLIC LOADS REVERSIBLES
10:45-11:00	Break				
11:00-11:15	Break				
11:15-11:30	Keynote Lecture				
11:30-11:45	Sergio Alcocer				
11:45-12:00	Keynote Lecture				
12:00-12:15	Sergio Alcocer				
12:15-12:30	Lunch Break				
12:30-12:45	Lunch Break				
12:45-13:00	Lunch Break				
13:00-13:15	Lunch Break				
13:15-13:30	Lunch Break				
13:30-13:45	Lunch Break				
13:45-14:00	Keynote Lecture				
14:00-14:15	Victor Legorreta				
14:15-14:30	Keynote Lecture				
14:30-14:45	Victor Legorreta				
14:45-15:00	Break				
15:00-15:15	Break				
	Special Session Concrete Shells in Latin America: Present and future Venue: Cozumel 1	Special Session Wind Engineering Venue: Cozumel 2	Damage control, repair and strengthening of structures Venue: Cozumel 3	Earthquake engineering Venue: Cozumel 4	SEWC India Special Session Venue: Cozumel 5
	Moderator: <b>Eduardo Alarcón</b>	Moderator: <b>Adrian Pozos</b>	Moderator: <b>Edgar Tapia</b>	Moderator: <b>Hector Guerrero</b>	
15:15-15:30	<b>Mauricio Luzuriaga</b> Ecuador SHELL STRUCTURES IN VALENCIA, VENEZUELA	<b>Raul Sanchez Garcia</b> Mexico WIND TUNNEL SECTION MODEL STUDY OF A CABLE- STAYED BRIDGE	<b>Maicon de Souza</b> Brazil PATHOLOGIES IN STRUCTURES OF BRIDGES IN REINFORCED CONCRETE OF THE MUNICIPALITY OF BRUSQUE (BRAZIL) ABOUT THE ITAJAÍ- MIRIM RIVER	<b>Ilaria Capraro</b> Canada UNDERSTANDING SUBDUCTION GROUND MOTIONS AND THEIR RELATION TO STRUCTURAL DAMAGE	
15:30-15:45	<b>Agustin Rodall</b> Mexico EXPERIMENTAL EXERCISES APPLYING CONCRETE SHELLS	<b>Raul Sanchez Garcia</b> Mexico WIND ANALYSIS OF THE DECK OF A CABLE-STAYED BRIDGE BY NUMERICAL SIMULATION AND WIND TUNNEL TEST	<b>Maicon de Souza</b> Brazil PATHOLOGICAL CASE STUDY CONDUCTED IN PREFABRICATED BUILDINGS OF THE BRUSQUE UNIVERSITY CENTER - UNIFE/BE/BRAZIL	<b>Luca Landi</b> Italy INFLUENCE OF THE IN-PLAN DISTRIBUTION OF THE PROPERTIES OF DAMPERS FOR THE SEISMIC RETROFIT OF RC PLAN-ASYMMETRIC FRAMES	
15:45-16:00	<b>Víctor Ramírez</b> Dominican Republic CONSTRUCTION OF HYPERBOLIC PARABOLOID SHELLS MADE OF FERROCEMENT	<b>Hugo Hernández-Barrios</b> Mexico A STUDY OF WIND BEHAVIOR ON THE OLYMPIC FACILITIES USED IN MEXICO CITY IN 1968	<b>Muberra Eser Aydemir</b> Turkey EXPERIMENTAL EVALUATION OF THE DAMAGE LIMIT STATES OF R/C BEAMS	<b>Joel Melchor Ojeda</b> Mexico STATISTICAL RESPONSE ANALYSIS OF AN 8-STORY BUILDING CONSIDERING GROUND MOTION EXCITATION AND ELASTOMERIC BASE ISOLATORS	
16:00-16:15	<b>Juan Ignacio del Cueto</b> Mexico MOST FAMOUS SHELL OF CANDELA IN DANGER: LOS MANANTIALES IN XOCHIMILCO AFTER EARTHQUAKE 19-09- 2017	<b>Hugo Hernández-Barrios</b> Mexico A STUDY ON BEHAVIOR OF THE LATIN AMERICAN TOWER SUBJECTED TO WIND LOADS	<b>Naoki Oie</b> Japan EXPERIMENTAL RESEARCH AND ANALYSIS ON THE DEVELOPMENT OF SEISMIC ISOLATORS USING A FOAMED METAL PLUG	<b>Perla Rafael Santa Ana</b> Mexico SEISMIC ENGINEERING: CHANGING THE FACE OF ARCHITECTURE	
16:15-16:30		<b>Hugo Hernández-Barrios</b> Mexico ANALYSIS OF AERODYNAMIC CONFIGURATION OF HIGH-RISE BUILDINGS IN MEXICO	<b>Romuald Tarczewski</b> Poland PRELIMINARY CONCLUSIONS THE EXPLOITATION OF PREFABRICATED CONCRETE ACOUSTIC SCREENS	<b>David De Leon</b> Mexico A JOINT PHD PROGRAM BETWEEN ARCHITECTURE AND ENGINEERING SCHOOLS, INCLUDING EARTHQUAKE ENGINEERING AT UAEM	
19:00	Closing Ceremony and Gala Dinner				

Friday 17		
Schedule		
Tour to Tulum (Cost USD 62, please confirm at registration desk)		
08:00	15 MINS.	Begins with Pickup at The Cancun Convention Center.
08:15	1:45 HRS.	Start the air-conditioned ride to Tulum with an expert bilingual guide and an staff in every bus.
10:00	15 MINS.	Arrive to Tulum, provide 1 bottle of water per person and stop in washroom.
10:15	15 MINS.	Board the train from the Handcraft Market to the ruin's main entrance.
10:30	45 MINS.	Your knowledgeable guide will take you across to the ground of Tulum, you'll learning about the history and culture of Maya Civilization.
11:15	15 MINS.	Free time to spend taking some pictures at a beatiful beach located at the Tulum site, just go down stairs. Or just walking around.
11:30	15 MINS.	Meet the group at the meeting point.
11:45	15 MINS.	Take the train back to the Handcraft Market.
12:00	1:45 HRS.	Meet the people and staff who will provide you a Box Lunch and a bottle of water per person at the bus. Start the ride back to the Cancun Convention Center.
14:00	15 MINS.	ARRIVE BACK TO CANCUN CONVENTION CENTER. End of the Tour.