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ISEC-11 Detailed Technical Program

World times corresponding to ISEC-11 events are given on Pages 10-12.

	Monday – July 26, 2021	
17:00 - 19:00	Icebreaker & Welcome Reception Videos on Egypt and NU Breakout Room Networking Opportunity and Virtual Socializing	V-Room A Zoom link <u>https://us02web.zoom.us/j/3365082496?pwd=</u> <u>MWh4WjhPbFZoS2RTdEIQMWVOcUVSQT09</u> PMI: 336 508 2496
	Tuesday – July 27, 2021	Passcode: 395011
	Registration	
08:00 - 17:00	Registration (The registration online link)	
	Conference Opening	
08:30 - 09:15	Welcome and Introductions (3 min) Sherine Ahmed El Baradei, Conference Chair Welcome message from Nile University (5 min) Tarek Khalil, Conference Chair and University President Welcome from ISEC Society (4 min) Amarjit Singh, ISEC Society President Entertainment (5 min) Egyptian cultural video Video Introduction to Nile University (5 min) Introduction to the LADR Workshop (3 min) Ulrike Quapp, Associate Editor, LADR Sponsor Presentation (10 min) Heba Labib, TICO, Nile University Sponsor Presentation (5 min) Amina Galal, Nile University Marketing Team Announcements (3 min) Sherine Ahmed El Baradei, Conference Chair	V-Room A Zoom link https://us02web.zoom.us/j/3365082496?pwd= MWh4WjhPbFZoS2RTdEIQMWVOcUVSQT09 PMI: 336 508 2496 Passcode: 395011
09:15 - 09:20	5-Minute Break	
09:20 - 09:50	Keynote Speaker I: Prof. DrIng. Klaus Holschemacher, Institute Director, Structural Concrete Institute, HTWK Leipzig, University of Applied Sciences, Leipzig, Germany <i>Title: Timber-Concrete Composite – A High-Efficient and Sustainable</i> <i>Construction Method</i> Coffee Break 09:50 – 10:15 (Breakout Rooms) – V Room A	





	Tuesday, July 27, 2021, 10:15 – 12:15							
		LADR Workshop I co-sponsored by the ASCE Construction Institute						
	Track A	Track B Track C		Track D				
1	Moderator: Miroslav Todorov Co-Moderator: Dejan Dinevski IT Staff: Mark Young V-Room A Zoom link: https://us02web.zoom.us/i/3365082496? pwd=MWh4WjhPbFZoS2RTdElQMWVO cUVSQT09 PMI: 336 508 2496, Passcode: 395011 I-A: Steel Structures STR-07: EVALUATION METHOD FOR ALLOWABLE SHORT-TERM FLEXURAL STRENGTH AND YIELD STRENGTH OF CONCRETE-FILLED STEEL Takashi Fujinaga, Tomoya Kawabata	Moderator: Sorn Vimonsatit Co-Moderator: Swapan Saha IT Staff: Hadeel Ali V-Room B Zoom link: https://us02web.zoom.us/j/3666822714? pwd=UE9wZ1QvcG1FcEsvOEQ3ay9LVi swUT09 PMI: 366 682 2714, Passcode: 142731 I-B: Construction Safety and Risk Management CSA-03: EVALUATION OF SCAFFOLD ACCIDENTS DURING BUILDING MAINTENANCE WORKS AbdulLateef Olanrewaju, Xi Xuan Law, Christopher Nigel Preece	Moderator: Eugenio Pellicer Co-Moderator: Tamer Breakah IT Staff: Yassmine Marey V-Room C Zoom link: https://us02web.zoom.us/i/3055945850? pwd=anNKajdud0U0WHZMamtaMW8wa ExjQT09 PMI: 305 S05 S594 PMI: 305 V-Rope Pascode: 709 PMI: PMI: 305 S04 S850, Pascode: 7eTTnh I-C: Infrastructure Engineering and Management CPM-04: CPM-04: OVERDRAFT INTEREST PAYMENT IN INFRASTRUCTURE CONSTRUCTION PROJECTS Ahmed A. Okasha, Parastoo Eivazi Ziaei,	Moderator: Yiannis Vacanas Co-Moderator: Elizabeth Brogan IT Staff: Mujtaba Quadri V-Room D Zoom link: https://us02web.zoom.us/i/2303687928 ?pwd=dHVNVIJIc1BJeFVIeWNOZ3FYI ExOQT09 PMI: 230 368 7928, Passcode: R9fvM1 I-D: Contract and Claims // Maintenance Management LADR-727: MODELING WITH FUNCTIONS FOR CUMULATIVE IMPACT OF CHANGES Tong Zhao				
2	AAE-03: A MODEL PROPOSAL FOR SELECTING THE STRUCTURAL SYSTEM <i>Sinem Dagilgan, Seren Guven</i>	CSA-05: MACHINE LEARNING APPLICATIONS IN CONSTRUCTION SAFETY LITERATURE <i>Kerim Koc, Asli Pelin Gurgun</i>	Ahmed Hammad CON-26: DESIGN OF A CAPABILITY MATURITY FRAMEWORK FOR RESILIENT INFRASTRUCTURE MANAGEMENT IN RURAL MUNICIPALITIES Luyanda Ngomane, Nthatisi Khatleli	LADR-746: APPLICATION OF NATURAL LANGUAGE PROCESSING TO AUTOMATICALLY IDENTIFY EXCULPATORY CLAUSES IN CONSTRUCTION CONTRACTS Jaikrishna Padhy, Murali Jagannathan, Venkata Santosh Kumar Delhi				
3	STR-10: INFLUENCE OF BOND AND FRICTION ON TENSILE STRENGTH OF PERFORATED STEEL PLATE CONNECTOR UNDER CONFINEMENT Yuka Nagaoka, Takashi Fujinaga, Teruhisa Tanaka	CSA-06: A REVIEW OF INTERNATIONAL STANDARDS FOR OCCUPATIONAL SAFETY AND HEALTH Pravin Sonkar, Sourabh Mayank, Sudhir Misra, Amarjit Singh	PRO-01: POTENTIAL FACTORS TO PROMOTE SUSTAINABLE PROCUREMENT IN ROAD INFRASTRUCTURE PROJECTS Debby Willar, Anak Agung Diah Parami Dewi, Febriane Makalew	Venkata Santosh Kumar Delhi LADR-673: ONTOLOGY FOR LINKING DELAY CLAIMS WITH 4D SIMULATION T ANALYZE EFFECTS-CAUSES AND RESPONSIBILITIES Michel Guévremont, Amin Hammad				





		LADR Workshop I co-sponsored by the ASCE Construction Institute		
	Track A	Track B	Track C	Track D
4	STR-44: STRUCTURAL STRESS METHOD FOR FATIGUE DESIGN OF CONCRETE FILLED STEEL TUBULAR T-JOINTS UNDER AXIAL LOADING Idris A. Musa	RAD-07: BENEFIT-COST ANALYSIS FOR REDUCING THE VULNERABILITY OF THE HOUSING SERVICE SECTOR ASSOCIATED WITH NATURAL HAZARDS <i>KwangHyuk Im</i>	FAM-02: DYNAMIC ANALYSIS OF SUSTAINABLE PRACTICES ADOPTION IN ROAD INFRASTRUCTURE DEVELOPMENT Angie Ruiz, Jose Guevara	LADR-732: IDENTIFICATION OF BIM DIMENSION-SPECIFIC CONTRACT CLAUSES IN EPC TURNKEY PROJECTS <i>Vijayeta Malla, Murali Jagannathan,</i> <i>Venkata Santosh Kumar Delhi</i>
5	STR-27: EFFECT OF STRENGTH OF FILLED-CONCRETE ON STRUCTURAL PERFORMANCE OF CONTINUOUS BEAM- TYPE SQUARE CFST BEAM-TO-COLUMN CONNECTION <i>Koki Doi, Takashi Fujinaga</i>	RAD-09: A RESILIENCE-BASED ASSESSMENT OF THE PERFORMANCE OF RESIDENTIAL COMMUNITIES SUBJECT TO HURRICANE HAZARD Ahmed U. Abdelhady, Seymour M.J. Spence, Jason McCormick	CON-36: BRIDGE MAINTENANCE DECISION-MAKING MODEL Wisalee Nimmahnpatchrin, Ghada M. Gad	CON-27: CLAIMS AND DISPUTES MANAGEMENT: UNDERLYING CAUSES IN MEGA CONSTRUCTION PROJECTS <i>Dikeledi Matseke, Nthatisi Khatleli</i>
6	STR-09: REINFORCING I-BEAMS WITH WEB OPENINGS USING FILLET-WELDED PERFORATED PLATE Tomoya Kawabata, Takashi Fujinaga	RAD-01: MULTI-HAZARD HURRICANE VULNERABILITY MODEL TO ENABLE RESILIENCE-INFORMED DECISION Omar M. Nofal, John W. van de Lindt, Guirong Yan, Sara Hamideh, Casey Dietrich	INF-05: FRAMEWORK FOR PLANNING CAPACITIES TO MAXIMIZE THE FEASIBLE RESILIENCE OF NETWORK INFRASTRUCTURE SYSTEMS <i>Arkaprabha Bhattacharyya, Makarand</i> <i>Hastak</i>	LADR-729: LITIGATION RISK TRANSFER MECHANISMS IN CONSTRUCTION DISPUTE RESOLUTION PROCESS: A CROSS-CASE ANALYSIS <i>Murali Jagannathan, Ulrike Quapp,</i> <i>Venkata Santosh Kumar Delhi</i>
7	STR-55: RESEARCH INTO THE DEVELOPMENT OF A RESPONSE MODIFICATION FACTOR FOR DIAGRID STRUCTURES Devindar Aulakh, Yasser Salem, Giuseppe Lomiento	RAD-04: AN ITERATIVE HDMR APPROACH FOR ENGINEERING RELIABILITY ANALYSIS <i>Qian Wang</i>	INF-08: INFRASTRUCTURE DEVELOPMENT AND ABANDONMENT <i>Mercy Ogunnusi, Huda Salman, Richard Laing</i>	FAM-09: MAINTENANCE MANAGEMENT DETERMINANTS APPRAISAL OF HOSPITAL BUILDINGS <i>Christtestimony Jesumoroti, Khor Soo</i>
8		PRO-02: AWARENESS OF CRYPTOCURRENCIES AMONG CONSTRUCTION PROFESSIONALS <i>Mehmet liker Genc, Asli Pelin Gurgun</i> <i>Lunch Break: 12:1</i>	CON-09: PROJECT BUNDLING IN TRANSPORTATION CONSTRUCTION Daniel D'Angelo, R. Edward Minchin Jr.	LADR-735: THREATS TO CONTRACTOR'S CASH FLOW UNDER RE-MEASURED PUBLIC WORKS CONTRACTS <i>Omar Kandil, Nabil Yehia, Tarek Hamed</i>





		Tuesday, July 27, 202		LADR Workshop II
		Technical Session II		co-sponsored by the ASCE Construction Institute
	Track A	Track B	Track C	Track D
	Moderator: Hossein Askarinejad Co-Moderator: Ahmed El-Kadi IT Staff: Mark Young V-Room A Zoom link: https://us02web.zoom.us/j/3365082496? pwd=MWh4WjhPbFZoS2RTdElQMWVO cUVSQT09 PMI: 336 508 2496, Passcode: 395011 II-A: Concrete Materials and Soil Mechanics	Moderator: Sudhir Misra Co-Moderator: Ghada Gad IT Staff: Hadeel Ali V-Room B Zoom link: https://us02web.zoom.us/j/3666822714? pwd=UE9wZ1QvcG1FcEsvOEQ3ay9Lvi SwUT09 PMI: 366 682 2714, Passcode: 142731 II-B: Construction Management and Urban Planning CON-11: FINANCIAL RATIO ANALYSIS IN	Moderator: Passant Massoud Co-Moderator: Tamer H Kasem IT Staff: Yassmine Marey V-Room C Zoom link: https://us02web.zoom.us/j/3055945850 ?pwd=anNKajdud0U0WHZMamtaMW8 waExjQT09 PMI: 305 594 5850, Passcode: 7eTTnh II-C: Environment and Sustainability AAW-02: AN INVESTIGATION OF	Moderator: Venkata Santosh Kumar Delhi Co-Moderator: Asli Pelin Gurgun IT Staff: Mujtaba Quadri V-Room D Zoom link: https://us02web.zoom.us/j/2303687928?p wd=dHVNVIJIc1BJeFVIeWNOZ3FYUExO QT09 PMI: 230 368 7928, Passcode: R9fvM1 II-D: Procurement, Dispute Resolution and Safety LADR-731: TOWARDS BETTER
1	RECYCLED COARSE AGGREGATE CONCRETE REINFORCED WITH STEEL FIBERS Nancy Kachouh, Hilal El-Hassan, Tamer El-Maaddawy	CONSTRUCTION INDUSTRY: AN INVESTIGATION USING MACHINE LEARNING Osama Salah, Maged Georgy, Atef Ragab	GREYWATER ONSITE REUSE POTENTIAL IN AN ARID ENVIRONMENT Mohamed Hamouda, Jamila Al Mansoori, Maitha Al Nuaimi, Muna Alsaedi, Mouza Al Shamsi	APPLICABILITY OF PUBLIC PROCUREMENT LAW: DELAY CLAIMS BY THE CONTRACTOR AND LIMIT OF COMPENSATION UNDER THE PERFORMANCE GUARANTEE Amr Mohammad Abu Helw, A.Samer Ezeldin
2	MAT-13: EFFECTS OF REPLACING CEMENT BY DATE PALM TREES WASTES ON CONCRETE PERFORMANCE <i>Ahmad S. E. Nassef, Kalifa H. Al-Muqbali,</i> <i>Sheikha M. Al Naqabi</i>	CON-18: DEVELOPMENT OF A WORKMANSHIP MANAGEMENT SYSTEM FOR PERFORMANCE APPRAISAL OF CONSTRUCTION PROJECTS Rakesh Sookoo, Abraham Mwasha, Joseph Iwaro	AAW-06: GENERATING A STREAM WITH A STABLE FORMALDEHYDE CONCENTRATION IN THE LABORATORY <i>Mitham Al-Faliti, Ashraf Aly Hassan,</i> <i>Bruce Dvorak</i>	LADR-738: RECENT PARTY WALL DISPUTES <i>Dan Eschenasy</i>
3	MAT-15: EXPERIMENTAL STUDY ON THE SULFURIC ACID RESISTANCE OF LOW CARBON CONCRETE Hiyori Ishizuka, Hiromi Fujiwara, Masanori Maruoka, Tao Wang, Shintaro Tanaka	CON-23: INDICATORS FOR CONSTRUCTION PROJECTS SUPPLY CHAIN ADAPTABILITY USING BLOCKCHAIN TECHNOLOGY: A REVIEW Stanley Okangba, Nthatisi Khatleli, David Root	SUS-19: ENERGY SUPPORT IN THE RESIDENTIAL SECTOR USING BUILDING INTEGRATED PHOTOVOLTAIC (BIPV) A REVIEW Abdullah Qahtani, Bambang Trigunarsyah, Thomas Simko	PND-01: CASE STUDY: CONSTRUCTABILITY REVIEW PROCESS OF A LARGE PUBLIC TRANSPORTATION AGENCY <i>R. Edward Minchin Jr., Yifeng Tian</i>





		LADR Workshop II co-sponsored by the ASCE Construction Institute		
	Track A	Track B	Track C	Track D
4	MAT-16: EXPERIMENTAL STUDY ON DURABILITY OF ROOM TEMPERATURE CURING UFC MORTAR Haruka Murakami, Hiromi Fujiwara, Masanori Maruoka, Takafumi Watanabe, Koji Satori	CPM-05: ACTANTS INFLUENCING THE SUCCESSFUL COMPILATION OF ECONOMIC FEASIBILITY STUDIES: THE DEVELOPERS' PERSPECTIVE Rolien Terblanche, David Root, Ria Vosloo	CPS-01: MECHANICAL ANALYSIS OF A SUSTAINABLE BUILDING PREFABRICATED ELEMENT BASED ON A STABILIZED RESIDUAL QUARRY SLUDGE Nicolas Zapata, Andres Restrepo, Santiago Marin, Juan Torrenegra, Juan Ochoa, Yhan Arias	LADR-743: DRIVER'S COMPLIANCE IN WORK ZONES: TWO-LANE RURAL ROADS - VS FREEWAYS Didier M. Valdés-Díaz, Carla López del Puerto, Benjamín Colucci-Ríos, Alberto M. Figueroa-Medina, Edgardo Concepción- Carrasco, Lorena Sierra-Betancur, and Yindhira Taveras-Canela
5	GFE-01: ON THE SHEAR STIFFNESS DECREASE OF SANDY SOILS DUE TO PARTICLE CRUSHING PROGRESS <i>Haruyuki Yamamoto</i>	CPM-01: QUANTIFYING CONTRACTORS' QUALIFICATIONS USING PAIRWISE COMPARISON IN THE BEST VALUE PROCUREMENT METHOD Amira Eltahan, Elyar Pourrahimian, Fatima Alsakka, Maram Nomir, Ahmed Hammad	CON-22: EXPLORATION OF SYNERGIES BETWEEN ACADEMIC RESEARCH AND ACTUAL PRACTICE FOR IMPROVED CONSTRUCTION WASTE MANAGEMENT <i>Rana Rabnawaz Ahmed, Xueqing Zhang</i>	LADR-741: COMPARISON OF MEDIATION SYSTEMS IN THE CONSTRUCTION INDUSTRY OF TWO EUROPEAN COUNTRIES Vaidotas Trinkūnas, Ulrike Quapp, Nerija Banaitienė, Klaus Holschemacher, Eva Trinkūnienė, and Audrius Banaitis
6	GFE-06: MODEL PARAMETERS FOR THE DYNAMIC BEHAVIOR OF BURIED PIPES <i>Miroslav Todorov</i>	FAM-08: ANALYSIS OF MEASURES TO REDUCE DEFECTS IN HOSPITAL BUILDINGS AbdulLateef Olanrewaju, Shao Tee, Khor Soo, Christtestimony Jesumoroti	SUS-01: SUSTAINABILITY IN PPPS: A NETWORK ANALYSIS Gabriel Castelblanco, Jose Guevara, Paula Mendez-Gonzalez	LADR-739: DISPUTE RESOLUTION IN THE MINING INDUSTRY: LESSONS LEARNED FROM THE EFFECTS OF BLASTING ON NEARBY STRUCTURES <i>Krishna Kisi, Purushotham Tukkaraja,</i> <i>Kenneth Eltschlager</i>
7	GFE-02: ANALYTICAL SOLUTION FOR NONLINEAR INTERACTION OF EULER BEAM RESTING ON A TENSIONLESS SOIL Tamer Heshmat, Mohamed ElShabrawy	PND-02: URBAN PLANNING MEASURES FOR SMART CITY DEVELOPMENT Jirawan Klaylee, Pawinee lamtrakul, Nuwong Chollacoop	SUS-04: SUSTAINABLE BUILDING PREFABRICATED ELEMENT BASED ON STABILIZED RESIDUAL QUARRY SLUDGE AND ITS HEAT TRANSFER ANALYSIS Andres Restrepo, Nicolas Zapata, Juan Torrenegra, Yhan Arias, Juan Ochoa	LADR-749: SURVEY OF STATE TRANSPORTATION AGENCIES' DESIGN INFORMATION BEST PRACTICES ON LUMP SUM DESIGN-BUILD PROJECTS DURING PROCUREMENT Elizabeth Brogan, Bandana Shrestha, Caroline M. Clevenger, Pramen P. Shrestha
8	MAT-05: DESIGNING A FLEXIBLE PAVEMENT DESIGN TOOL USING THE MEPDG APPROACH Safwan Khedr, Maram Saudy, Hebatalla Gad, Mostafa Ali, Noura Soussa, Omar El Marakby, Rahma Ibrahim, Yomma Abdel Aziz	SUS-11: PARTICIPATORY PLANNING APPROACH TOWARDS SMART SUSTAINABLE CITY DEVELOPMENT Pawinee lamtrakul, Jirawan Klaylee, I- Soon Ruengratanaumporn		LADR-733: DESIGN LIABILITY UNDER FIDIC RED BOOK AND SOME CIVIL LAW JURISDICTIONS Omar Kandil, Nabil Yehia, Tarek Hamed





			Wednesday – Ju	ly 28, 2021			
	9:00 – 09:30	Specialist an Central Africa	eaker II: Dr. Maged Mahmoud Hamed d Regional Safeguards Coordinator, Wa a Region r and More Resilient Projects				
			Coffee Break 09:30 – 10:00 (Break	kout Rooms) – V Room A			
			Wednesday – July 28, 2	021, 10:00 – 12:00			
			Technical Sea	ssion III			
	Track A		Track B	Track C		Track D	
	Moderator: Klaus Holse Co-Moderator: Venk IT Staff: Mark Yo V-Room A Zoom https://us02web.zoom.us/j/ pwd=MWh4WjhPbFZoS2R cUVSQT09 PMI: 336 508 249 Passcode: 3950 III-A: Structural Syst Optimization	ata Delhi ung link: 3365082496? TdEIQMWVO 96 11 ems and	Moderator: Amarjit Singh Co-Moderator: Asli Pelin IT Staff: Hadeel Ali V-Room B Zoom link: https://us02web.zoom.us/j/3666822714? pwd=UE9wZ1QvcG1FcEsvOEQ3ay9LVi SwUT09 PMI: 366 682 2714 Passcode: 142731 III-B: Architectural Engineering and Green Buildings	Moderator: Edward Mii Co-Moderator: Debby IT Staff: Yassmine M V-Room C Zoom lin https://us02web.zoom.us/j/30 pwd=anNKajdud0U0WHZMa <u>aExjQT09</u> PMI: 305 594 5850 Passcode: 7eTTnh III-C: Structural Dynamic Earthquake Engineer	Willar larey 155945850? amtaMW8w cs and	Moderator: Siamak Yazdani Co-Moderator: Dejan Dinevski IT Staff: Mujtaba Quadri V-Room D Zoom link: https://us02web.zoom.us/j/2303687928? pwd=dHVNVIJIc1BJeFVIeWNOZ3FYUE xOQT09 PMI: 230 368 7928 Passcode: R9fvM1 III-D: Education and Work Environment // Water Engineering	
1	CON-04: STUDY ON SAFETY OF PULLING DOWN COLUMNS IN BUILDING DEMOLITION <i>Hiroki Takahashi, Seiji Takanashi,</i> <i>Tomohito Hori</i>		AAE-15: THE APPLICATION OF MULTIPLE- OBJECTIVE GENETIC ALGORITHMS FOR CONTROLLING SOUND QUALITY BY ARCHITECTURAL FORM DESIGN Surakist Hunpaisarn, Chawee Busayarat	STR-35: COMPARATIVE SEISMIC PERFORMANCE ASSESSMENT OF UHPC JACKETING AND SCED BRACING TECHNIQUES Roshen Joseph, Aman Mwafy, M. Shahria Alam		AAW-01: DETERMINING THE EFFECT OF CHANGING CHANNEL GEOMETRY OF IRRIGATION CANALS ON DISSOLVED OXYGEN CONCENTRATION Sherine Elbaradei, Mai Alsadeq, Ahmed Abodonya	





	Technical Session III							
	Track A	Track B	Track C	Track D				
2	STR-22: PRELIMINARY STUDY ON NOVEL BEAM-TO-COLUMN CONNECTION BASED ON SMA PLATE Yam MCH, Zhang Ping, Huang Yun, Zhao Qingyang, Ke Ke	AAE-14: PERFORMANCE-BASED DESIGN FOR ACTIVE LEARNING SPACE AND CO- RESEARCH LABS: ROOFTOP EXTENSION IN AN ARCHITECTURE SCHOOL Santirak Prasertsuk, Patana Rattananavathong	STR-47: EFFECT OF ASPECT RATIO ON THE BEHAVIOR OF GFRP-RC CIRCULAR COLUMNS UNDER SIMULATED SEISMIC LOADING <i>Amr E. M. Abdallah, Ehab F. El-Salakawy</i>	CEN-01: MODELING COMPLEX FLOW INDUCED BY WATER WAVES PROPAGATION OVER SUBMERGED SQUARE OBSTACLES Mona A. Tawab, Tamer Heshmat, Andreas Schlenkhoff				
3	STR-14: AN RBF BASED HIGH- DIMENSIONAL MODEL REDUCTION APPROACH IN BUILDING OPTIMIZATION <i>Qian Wang, Joseph Nafash, Paul Owens</i>	AAE-18: BIOCLIMATIC OPTIMIZATION: SKYLIGHT GROUND FLOOR NEW BUILDING, UDLA PARK TORRE II <i>Mauro Cepeda Ortiz, Santiago Morales,</i> <i>Viviana Cabrera</i>	AAE-22: INNOVATIVE PRE-FABRICATED CONNECTORS FOR BAMBOO ARCHITECTURE Supreedee Rittironk	AAW-08: EFFECT OF COVERING IRRIGATION CHANNELS ON TOTAL DISSOLVED SOLIDS AND TOTAL SUSPENDED SOLIDS Sherine ElBaradei, Mai AlSadeq, Sarah Abdel Kader				
4	STR-19: A NEW ELEMENT-BASED METHOD FOR SOLVING STRUCTURAL TOPOLOGY OPTIMIZATION PROBLEMS WITH NON-UNIFORM MESHES <i>Kuang-Wu Chou, Chang-Wei Huang</i>	CPM-02: FACTORS THAT AFFECT THE JOB BURNOUT AMONG ARCHITECTS AT DESIGN FIRMS <i>Gulden Gumusburun Ayalp, Nur</i> <i>Bozhuyuk, Ilhami Ay</i>	STR-49: SEISMIC PERFORMANCE OF GFRP-RC RECTANGULAR COLUMNS: NUMERICAL STUDY Yasser M. Selmy, Fangxin Ye, Ehab F. El- Salakawy	AAE-02: IMPACT OF THE RAPID INCREASE IN THE NUMBER OF UNIVERSITIES ON UNIVERSITY STRUCTURE AND SOCIETY <i>Irem Kose, Dilsat Deniz Bindal</i>				
5	CON-05: EXPERIMENTAL STUDY ON USE OF FALL PREVENTION MEMBERS IN WALL AND COLUMN DEMOLITION Seiji Takanashi, Hiroki Takahashi, Tomohito Hori	AAW-09: OBSTACLES OF IMPLEMENTING GREEN MAINTENANCE MANAGEMENT IN HOSPITAL BUILDINGS AbdulLateef Olanrewaju, Yee Jia Teo, Fikri Sarajul Mohamed	GFE-05: VERIFICATION AND RESULTS FROM MODEL INVESTIGATION OF DYNAMIC BEHAVIOR OF BURIED PIPES <i>Miroslav Todorov</i>	EPE-02: LEGAL TOPICS IN BUILDING- RELATED EDUCATION <i>Ulrike Quapp, Klaus Holschemacher</i>				
6	STR-46: AN INNOVATIVE BOUNDARY ELEMENT FORMULATION FOR BUILDING SLABS <i>Ahmed U. Abdelhady, Youssef F. Rashed</i>	SUS-05: A STEP FORWARD ENHANCING GREEN BUILDINGS IN DEVELOPING COUNTRIES <i>Nahla Hazem, Irene Samy Fahim</i>	STR-60: SEISMIC ASSESSMENT OF CONTEMPORARY VERSUS OLD URBAN FRAME BUILDINGS Abdelrahman Ashri, Anas Issa, Aman Mwafy	EPE-08: FIELD TRIPS: CONSTRUCTION CLASSROOMS WITHOUT ROOF <i>Saeed Rokooei, Samira Rokooei</i>				
7	STR-50: RESPONSE OF CONCRETE DEEP BEAMS REINFORCED WITH GFRP BARS AROUND REGIONS OF DISCONTINUITY Somoud Arabasi, Tamer El-Maaddawy, Ahmed ElZaher	SUS-09: FUZZY GREEN CONSTRUCTION FOR MEASURING ENVIRONMENTAL PERFORMANCES OF CONSTRUCTION PROJECTS Biemo Woerjanto Soemardi, Andira Triana Putri	STR-42: REINFORCEMENT METHOD OF COMPOSITE SEISMIC RESISTANT WALL BY STRUCTURAL PLYWOOD AND STEEL MEMBERS Seine Kono, Haruka Kataoka, Takumi Ito	FAM-04: FACTORS INFLUENCING USER SATISFACTION: CASE STUDIES OF TEN COWORKING SPACES <i>Chaiwat Riratanaphong</i>				





		Technical Sea	ssion III	
	Track A	Track B	Track C	Track D
8	STR-39: MECHANICAL PROPERTIES AN RESISTANT MECHANISM AROUND BEARING JOINT BETWEEN PLYWOOD AND BOLT OF BUILDING HYBRID STRUCTURES <i>Haruko Kataoka, Takumi Ito</i>	STR-12: FULL-SCALE EXPERIMENTAL TESTING TO INVESTIGATE WIND- INDUCED VIBRATIONS ON CURTAIN WALL SYSTEMS Krishna Sai Vutukuru, Kehinde J. Alawode, Ali Bakhtiari, Amal Elawady, Seung Jae Lee, Arindam Gan Chowdh Guido Lori	AAE-19: BUILDING PERFORMANCE EVALUATION OF AN EDUCATIONAL BUILDING ON SUBTROPICAL HIGHLAND CLIMATE Marco Santiago Morales	
		Coffee Break 12:00 – 12:15 (Brea	kout Rooms) – V Room B	
		Wednesday – Ju	ly 28, 2021	
		Closing Session a		
	SH Ar Ul Ar Ak Re As 12:15 – 12:55 Kh Pr Sc Pr Mi CI Fr Ar	dress of Conference Chair erine El Baradei (5 min) nouncement of Best LADR Presentatio ike Quapp (2 min) nouncement of Best ISEC Presentation med Abodonya (10 min) marks by the Chief ISEC Copy Editor li Gurgun (2 min) esentation of EURO MED SEC 4 Conference to sus Holschemacher (5 min.) esentation of ASEA SEC 6 Conference (July 2 roslav Todorov (5 min.) osing Remarks by ISEC Society ank Yazdani (3 min.) nouncements erine El Baradei (3 min.)	Awards ence (June 2022, Leipzig, Germany) (Nov/Dec 2022, Sydney, Australia) 023, Sofia, Bulgaria)	V-Room B Zoom link: https://us02web.zoom.us/j/3666822714?r d=UE9wZ1QvcG1FcEsvOEQ3ay9LViswl 09 PMI: 366 682 2714 Passcode: 142731
		Lunch Break 12:5	5 – 14:00	
	14:00 – 17:00 Te	chnical Tour I: Food Production Factory		
	18:00 – 21:00 Di	nner Banquet: Nile Cruise Dinner and Sho	N	





	Thursday, July 29, 2021							
09:00 – 12:00	Post Conference Dispute Resolution Workshop: Dr. Yiannis Vacanas, Fellow member of the Chartered Institute of Arbitrators, and member of the Society of Construction Law <i>Title:</i> Arbitration: An Overview of the Main Alternative Dispute Resolution Method	V-Room A Zoom link: https://us02web.zoom.us/j/3365082496?pwd=M Wh4WjhPbFZoS2RTdEIQMWVOcUVSQT09 PMI: 336 508 2496 Passcode: 395011						
	Technical Tour II: Gabal El Asfar Treatment plant							
18:00 – 22:00	Cultural Tour 1: Sound and Light Show at Giza Pyramids							

Friday, July 30, 2021				
08:00 – 14:00 Cultural Tour 2: Old Egyptian Museum				
Saturday, July 31, 2021				





World Times Corresponding to ISEC-11 Events

	Cairo Date	Cairo Time	Central European Summer Time	UK and British Isles // West Africa Time	Brazilian Time	EST - USA // Chile Time	CST - USA // Quito Time	MST - USA
Event		Event Start Time						
Welcome Reception	26-Jul	5:00 PM	5:00 PM	4:00 PM	12:00 PM	11:00 AM	10:00 AM	9:00 AM
Opening Session	27-Jul	8:30 AM	8:30 AM	7:30 AM	3:30 AM	2:30 AM	1:30 AM	12:30 AM
Keynote Speech I	27-Jul	9:20 AM	9:20 AM	8:20 AM	4:20 AM	3:20 AM	2:20 AM	1:20 AM
Coffee Break and Break Out Rooms	27-Jul	9:50 AM	9:50 AM	8:50 AM	4:50 AM	3:50 AM	2:50 AM	1:50 AM
Tech Session I	27-Jul	10:15 AM	10:15 AM	9:15 AM	5:15 AM	4:15 AM	3:15 AM	2:15 AM
Lunch Break	27-Jul	12:15 PM	12:15 PM	11:15 AM	7:15 AM	6:15 AM	5:15 AM	4:15 AM
Tech Session II	27-Jul	1:30 PM	1:30 PM	12:30 PM	8:30 AM	7:30 AM	6:30 AM	5:30 AM
Coffee Break and Break Out Rooms	27-Jul	3:30 PM	3:30 PM	2:30 PM	10:30 AM	9:30 AM	8:30 AM	7:30 AM
Keynote Speech II	28-Jul	9:00 AM	9:00 AM	8:00 AM	4:00 AM	3:00 AM	2:00 AM	1:00 AM
Coffee Break and Break Out Rooms	28-Jul	9:30 AM	9:30 AM	8:30 AM	4:30 AM	3:30 AM	2:30 AM	1:30 AM
Tech Session III	28-Jul	10:00 AM	10:00 AM	9:00 AM	5:00 AM	4:00 AM	3:00 AM	2:00 AM
Coffee Break and Break Out Rooms	28-Jul	12:00 PM	12 noon	11:00 AM	7:00 AM	6:00 AM	5:00 AM	4:00 AM
Closing Session	28-Jul	12:15 PM	12:15 PM	11:15 AM	7:15 AM	6:15 AM	5:15 AM	4:15 AM
Lunch Break	28-Jul	12:55 PM	12:55 PM	11:55 AM	7:55 AM	6:55 AM	5:55 AM	4:55 AM
Dispute Resolution W'shop	29-Jul	9:00 AM	9:00 AM	8:00 AM	4:00 AM	3:00 AM	2:00 AM	1:00 AM





World Times Corresponding to ISEC-11 Events (continued)

					New	Eastern	
	Cairo Date	Cairo Time	PST - USA	HST - USA	Zealand Time	Australia Time	Japan Time
Event		Event Start Time					
Welcome Reception	26-Jul	5:00 PM	8:00 AM	5:00 AM	3:00 AM	1:00 AM	12:00 AM
Welcome Reception	20 50	5.001111	0.007.00	5.007404	5.00740	1.007.00	12.007
Opening Session	27-Jul	8:30 AM	11:30 AM	8:30 PM	6:30 PM	4:30 PM	3:30 PM
Keynote Speech I	27-Jul	9:20 AM	12:20 AM	9:20 PM	7:20 PM	5:20 PM	4:20 PM
Coffee Break and Break Out Rooms	27-Jul	9:50 AM	12:50 AM	9:50 PM	7:50 PM	5:50 PM	4:50 PM
Tech Session I	27-Jul	10:15 AM	1:15 AM	10:15 PM	8:15 PM	6:15 PM	5:15 PM
Lunch Break	27-Jul	12:15 PM	3:15 AM	12:15 AM	10:15 PM	8:15 PM	7:15 PM
Tech Session II	27-Jul	1:30 PM	4:30 AM	1:30 AM	11:30 PM	9:30 PM	8:30 PM
Coffee Break and Break Out Rooms	27-Jul	3:30 PM	6:30 AM	3:30 AM	1:30 AM	11:30 PM	10:30 PM
Keynote Speech II	28-Jul	9:00 AM	12:00 AM	9:00 PM	7:00 PM	5:00 PM	4:00 PM
Coffee Break and Break Out Rooms	28-Jul	9:30 AM	12:30 AM	9:30 PM	7:30 PM	5:30 PM	4:30 PM
Tech Session III	28-Jul	10:00 AM	1:00 AM	10:00 PM	8:00 PM	6:00 PM	5:00 PM
Coffee Break and Break Out Rooms	28-Jul	12:00 PM	3:00 AM	12:00 AM	10:00 PM	8:00 PM	7:00 AM
Closing Session	28-Jul	12:15 PM	3:15 AM	12:15 AM	10:15 PM	8:15 PM	7:15 PM
Lunch Break	28-Jul	12:55 PM	3:55 AM	12:55 AM	10:55 PM	8:55 PM	7:55 PM
Dispute Resolution W'shop	29-Jul	9:00 AM	12:00 AM	9:00 PM	7:00 PM	5:00 PM	4:00 PM





World Times Corresponding to ISEC-11 Events (continued)

	Cairo Date	Cairo Time	Western Australia // Taiwan // Beijing // Hong Kong Time	Thailand Time	India Time	UAE Time	Eastern European Summer // West Asia // Saudi Arabia & Kuwait Time
Event		Event Start Time					
Welcome Reception	26-Jul	5:00 PM	11:00 PM	10:00 PM	8:30 PM	7:00 PM	6:00 PM
Opening Session	27-Jul	8:30 AM	2:30 PM	1:30 PM	12:00 PM	10:30 AM	9:30 AM
Keynote Speech I	27-Jul	9:20 AM	3:20 PM	2:20 PM	12:50 PM	11:20 AM	10:20 AM
Coffee Break and Break Out Rooms	27-Jul	9:50 AM	3:50 PM	2:50 PM	1:20 PM	11:50 AM	10:50 AM
Tech Session I	27-Jul	10:15 AM	4:15 PM	3:15 PM	1:45 PM	12:15 PM	11:15 AM
Lunch Break	27-Jul	12:15 PM	6:15 PM	5:15 PM	3:45 PM	2:15 PM	1:15 PM
Tech Session II	27-Jul	1:30 PM	7:30 PM	6:30 PM	5:00 PM	3:30 PM	2:30 PM
Coffee Break and Break Out Rooms	27-Jul	3:30 PM	9:30 PM	8:30 PM	7:00 PM	5:30 PM	4:30 PM
Keynote Speech II	28-Jul	9:00 AM	3:00 PM	2:00 PM	12:30 PM	11:00 AM	10:00 AM
Coffee Break and Break Out Rooms	28-Jul	9:30 AM	3:30 PM	2:30 PM	1:00 PM	11:30 AM	10:30 AM
Tech Session III	28-Jul	10:00 AM	4:00 PM	3:00 PM	1:30 PM	12:00 PM	11:00 AM
Coffee Break and Break Out Rooms	28-Jul	12:00 PM	6:00 PM	5:00 PM	3:30 PM	2:00 PM	1:00 PM
Closing Session	28-Jul	12:15 PM	6:15 PM	5:15 PM	3:45 PM	2:15 PM	1:15 PM
Lunch Break	28-Jul	12:55 PM	6:55 PM	5:55 PM	4:25 PM	2:55 PM	1:55 PM
Dispute Resolution W'shop	29-Jul	9:00 AM	3:00 PM	2:00 PM	12:30 PM	11:00 AM	10:00 AM





Satellite View of Nile University







List of Moderators

FIRST NAME	LAST NAME	SESSION -TRACK			
Hossein	Askarinejad	II-A: Concrete Materials and Soil Mechanics			
Tamer	Breakah	I-C: Infrastructure Engineering and Management			
Elizabeth	Brogan	I-D: Contract and Claims; Maintenance Management			
Dejan	Dinevski	I-A: Steel Structures III-D: Education and Work Environment; Water Engineering			
Ahmed	El-Kadi	II-A: Concrete Materials and Soil Mechanics			
Ghada	Gad	II-B: Construction Management and Urban Planning			
Tamer	Heshmat Kasem	II-C: Environment and Sustainability			
Klaus	Holschemacher	III-A: Structural Systems and Optimization			
Passant	Massoud	II-C: Environment and Sustainability			
Edward	Minchin	III-C: Structural Dynamics and Earthquake Engineering			
Sudhir	Misra	II-B: Construction Management and Urban Planning			
Eugenio	Pellicer	I-C: Infrastructure Engineering and Management			
Asli	Pelin Gurgun	II-D: Procurement, Dispute Resolution and Safety III-B: Architectural Engineering and Green Buildings			
Swapan	Saha	I-B: Construction Safety and Risk Management			
Venkata	Santosh Kumar Delhi	II-D: Procurement, Dispute Resolution and Safety III-A: Structural Systems and Optimization			
Amarjit	Singh	III-B: Architectural Engineering and Green Buildings			
Miroslav	Todorov	I-A: Steel Structures			
Yiannis	Vacanas	I-D: Contract and Claims; Maintenance Management			
Sorn	Vimonsatit	I-B: Construction Safety and Risk Management			
Debby	Willar	III-C: Structural Dynamics and Earthquake Engineering			
Siamak	Yazdani	III-D: Education and Work Environment; Water Engineering			