

DAY (1): SUNDAY 27 December 2009

NEFERTITI BANQUET HALL

<u>FROM 18:00 TO 19:00</u>	REGISTRATION
<u>FROM 19:00 TO 20:00</u>	OPENING CEREMONY
<u>FROM 20:00 TO 20:45</u>	OPENING OF THE EXHIBITION
<u>FROM 20:45 TO 22:15</u>	DINNER

DAY (2) : MONDAY 28 December 2009

<u>FROM 08:00 TO 09:00</u>	REGISTRATION
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Hall (A)

FROM 09:00 TO 09:45 : KEYNOTE LECTURE – KNL001, Prof. AKIRA WADA

“RECENT DEVELOPMENTS IN JAPAN AS MOST EARTHQUAKE PRONE COUNTRY”

CHAIRMEN: Prof.: Adel H. Salem Prof.: Hussein Abbas Prof.: Mostafa Zidan

Coordinator: Dr.: Mohammed Farouk

<u>FROM 09:45 TO 10:00</u> :	COFFEE BREAK
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Hall (A)

FROM 10:00 TO 11:15 : Technical Session RCS1:

CHAIRMEN: Prof.: Ali Abdelrahman Prof.: Ahmed Sherif Prof.: Osama Hamdy

Coordinator: Dr.: Osama El-Nesr

RCS-001: FLEXURAL PERFORMANCE OF PRELOADED RC ELEMENTS STRENGTHENED WITH CFRP GRIDS AND POLYMER CEMENT MORTAR
Yasser Rifat Tawfic and Yukikazu Tsuji

RCS-002: DUCTILITY AND MOMENT REDISTRIBUTION IN CONTINUOUS T-SECTION HIGH STRENGTH CONCRETE BEAMS
Hossam Aly Elagroudy, Tarek Kamal Hassan, Ahmed Hassan Gallab, Osama Hamdy Abdel-Wahed, and Aly Sherief Abdel-Fayyad

RCS-003: LIGHTWEIGHT 3D WIRE PANEL BUILDING SYSTEM FOR LOW RISE BUILDINGS AND INDUSTRIAL STRUCTURES: SOME APPLICATIONS AND DESIGN RULES
wael mowrtage

RCS-004: IMPLEMENTATION OF BRIDGE EVALUATION IN PRACTICE
Shehab Mohamed Mourad

RCS-005: BEHAVIOR OF MASONRY STRENGTHED INFILLED REINFORCED CONCRETE FRAMES
A. Y. ABOUELEZZ

Hall (B)

FROM 10:00 TO 11:15 : Technical Session STL1:

CHAIRMEN: Prof.: Kamal Hassan Prof.: Metwaly Abohamad Prof.: Sherif Hassan

Coordinator: Dr.: Sherif A. Basset

STL-001: FATIGUE BEHAVIOR OF INCLINED C-SHAPE SECTIONS
Ehab Hasan Aly and Ghada Nabeel Saudi

STL-002: BEHAVIOR OF COLD-FORMED Z-SECTION BEAMS
Abdelrahim Khalil Dessouki, Ahmed Abdelsalam El-Serwi, and Sherif Ahmed EL-Beshlawy

STL-003: REHABILITATION AND RETROFIT OF A DETERIORATED GUYED TOWER FLARE STACK
Ghada M. El-Mahdy and Brent M. Rheaume

STL-004: IMPERFECTIONS IN BATTENED COLUMNS COMPOSED OF FOUR EQUAL COLD FORMED ANGLES
A.H. SALEM, M. EL AGHOURY, Maged Tawfick Hanna AND E. A. AMOUSH

Hall (C)

FROM 10:00 TO 11:15 : Technical Session GEO1:

CHAIRMEN: Prof.: Abdel-Monem Moussa Prof.: Ali Abelfattah Prof.: Ahmed H. Abelrahman

Coordinator: Dr.: Mohamed T. Abelrahman

GEO-001: NUMERICAL INVESTIGATION OF SPATIAL PASSIVE EARTH PRESSURE

Somar GHASSOUN, Khalid ABDEL-RAHMAN, and Martin ACHMUS

GEO-002: IMPLICATIONS OF EARTHQUAKE AND STRUCTURAL PARAMETERS ON DAMAGE OF INELASTIC STRUCTURES

ABBAS MOUSTAFA AND IZURU TAKEWAKI

GEO-003: TWO DIMENSIONAL SIMULATION FOR THE EARTH RESSURE of Point Load Acting Behind a Cantilever Wall

George Maurice Iskander

GEO-004: SEISMICITY OF EGYPT AND NATIONAL SEISMIC NETWORK

Abbas Moustafa

Hall (A)

FROM 11:30 TO 12:45 : Technical Session RCS2:

CHAIRMAN: Prof.: Shaker El-Behairy Prof.: Ashraf Zanaty Prof.: Fathy Saad

Coordinator: Dr.: Ahmed Mostafa

RCS-006: RESPONSE OF R. C. BEAMS CONFINING USING OUT OF PLAIN HORIZONTAL LOADS ABOUT MID-SPAN

Ramadan Abd El Aziz Askar, Hamdy Shehab Aldeen, and Mohamed mohamed El- Metawally

RCS-007: BEHAVIOR OF HIGH STRENGTH STEEL AS SHEAR REINFORCEMENT FOR CONCRETE BEAMS

Ahmed Mantawy, Tarek Hassan, Aly Sherif, and Sami Rizkalla

RCS-008: FLEXURAL BEHAVIOR OF CONCRETE BEAMS REINFORCED WITH HIGH STRENGTH STEEL REINFORCING BARS

Reham El Tahawy, Tarek Hassan, Osama Hamdy, and Sami Rizkalla

RCS-009: SEISMIC RESPONSE OF R.C MULTI STORY BUILDINGS WITH SPECIAL CONFIGURATION

El Mostafa Higazy and Moemen El Sharkawy

RCS-010: RATIONAL EFFECTIVE MOMENT OF INERTIA

ayman Aboel-Fetoh Embaby

COMP-016: MONITORING AND STRUCTURAL SAFETY OF FRP BRIDGES

Markus Gabler and Jan Knippers

Hall (B)

FROM 11:30 TO 12:45 : Technical Session STL2:

CHAIRMAN: Prof.: Hamdy Mohsen Prof.: Mohamed Mohamadeen Prof.: M. Elaghory
Coordinator: Dr.: Ahmed Hassan

STL-005: NUMERICAL MODELLING FOR STIFFENED AND UNSTIFFENED STAINLESS STEEL HOLLOW TUBULAR COLUMNS

Mohamed A. Dabaon, Saher R. El-Khoriby, Mahmoud H. El-Boghdadi, and Mostafa Fahmi Hassanein

STL-006: STRENGTHENING OF MULTI STORY AND DOUBLE BAY STEEL FRAMES USING POST TENSIONED CABLES

Nabil said mahmoud, ahmed el said a. badr, fikry abdo salem, and mohamed m. adel ghannam

STL-007: POST-LOCAL AND DISTORTIONAL BUCKLING CAPACITIES OF SIMPLE LIPPED CHANNEL CFS SUBJECTED TO AXIAL COMPRESSIVE FORCE.

Maged Tawfick Hanna

STL-008: NEW DESIGN APPROACH FOR LATERAL BRACING REQUIREMENTS OF COMPRESSION FLANGE IN I-SHAPED BEAMS

Abdelrahim Khalil Dessouki, Sherif Abdel-Basset Ibrahim, and Hany Esam Shabana

Hall (C)

FROM 11:30 TO 12:45 : Technical Session GEO2:

CHAIRMEN: Prof.: Farouk El-Kadi Prof.: Tahia Abdelmonem Prof.: Khaled El-Zahaby
Coordinator: Dr.: Mohamed Morsy

GEO-005: DESIGN OPTIMIZATION OF URBAN NATM TUNNELLING

Mostafa Zaki Abd Elrehim and Ahmed Mohamed Marwan

GEO-006: ASSESSMENT OF VIBRATION HAZARDS DUE TO PILE DRIVING

Ali Abdel-Fattah Ali, Mohamed Ahmed Abdel-Motaal, and Tamer Mohamed Sorour

GEO-007: CHARACTERISTICS OF SHELLY SAND

Gihan Elsayed Abdelrahman

GEO-008: IMPACT OF UNDERGROUND PIPELINES FAILURE ON STRUCTURES

Kamal Ghamery Metwally, Manar Mohamed HUSSEIN, and Adel Yehia AKI

Amon Hall

FROM 13:00 TO 14:00 : LUNCH

Hall (A)

FROM 14:15 TO 15:00 : KEYNOTE LECTURE – KNL003, Prof. Ezz Y. S. Ahmed

“ REFORMING UNDERGRADUATE ENGINEERING EDUCATION: A LEAP OF FATE ”

CHAIRMAN: Prof.: Saafan A. Saafan Prof.: Samir Okba Prof.: Mohamed Dabaon

Coordinator: Dr.: Fatma Shaker

Hall (A)

FROM 15:15 TO 16:30 : Technical Session RCS3:

CHAIRMAN: Prof. S. El-Debiky Prof.: A. Abu El-Einen Prof.: Salah El-Metwalley Prof.: Ayman Hussein

Coordinator: Dr.: Mostafa Abbas

RCS-011: BEHAVIOR OF EXTERNALLY PRESTRESSED CONTINUOUS CONCRETE BEAMS IN FLEXURE

Ahmed Hassan Ghallab, M. Elmogy AND A. S. Essawy

RCS-012: SEISMIC RESPONSE OF ELEVATED REINFORCED CONCRETE TANKS

Ayman Hussein Khalil

RCS-013: STRAIN COMPATIBILITY FOR RC MEMBERS WITH BONDED CFRP STRIPS

Ezzeldin Yazeed Sayed-Ahmed, Amr Ali Abdelrahman, and Nigel Graham Shrive

RCS-014: EFFECT OF SLAB THICKNESS & STIRRUP SHAPE ON SHEAR RESISTANCE OF HIGH-STRENGTH CONCRETE T-BEAMS

MOHAMED EL-SAID ISSA, MOHAMED TALAT MOSTAFA, Amr Hussein Zaher, and Ahmed Adel Afifi

RCS-015: ANALYSIS OF SHEAR WALL STRENGTHENING WITH CFRP USING THE APPLIED ELEMENT METHOD

Mariam Mohammed Ehab ahmed, Salem,H., and Tageldin, H.

Hall (B)

FROM 15:15 TO 16:30 : **Technical Session STL3:**

CHAIRMAN: Prof.: Hassan Osman Prof.: Mohammed Elnagar Prof.: Ahmed Abdelsalam

Coordinator: Dr.: Amr Abdelsalam

STL-009: BUCKLING AND POST-BUCKLING OF UNSTIFFENED PLATES UNDER STRESS GRADIENT

A. H. SALEM, A. A. EL-SERWI AND Ebrahim Abdalla Ebrahim

STL-010: EFFECT OF WIDTH-TO-THICKNESS RATIO OF TENSION FLANGE ON THE BEHAVIOUR OF STEEL PLATE GIRDERS

Mohammed A. Dabaon, Sherief S. S. Sakla, and Ali E. Elrefaie

STL-011: SOME INVESTIGATIONS ON THE VIBRATIONS OF OVERHEAD TRANSMISSION LINES

E.A. Al-Meshaei, S.Y. Abul-Haggag, K.A. Moustafa AND T.G. ABU-EL-YAZIED

STL-012: BEHAVIOR OF WELDED SINGLE ANGLES SUBJECTED TO COMPRESSIVE FORCES

MAHMOUD I. EL-BANNA, Ahmed Hassan Yousef AND MONA M. FAWZY

Hall (C)

FROM 15:15 TO 16:30 : **Technical Session MNG1:**

CHAIRMAN: Prof.: Adel Elsamadony Prof.: Osama Hosny Prof.: Mohamed Emam

Coordinator: Dr.: Mohamed Mekawy

MNG-001: RISK ALLOCATION AND MITIGATION IN THE EGYPTIAN BARRAGE PROJECTS

Mohammad AboulFtough Ammar, Adel Aboelyazeed Elsamadony, and Ashraf Abdshaheed Rabie

MNG-002: OPTIMIZATION OF CONSTRUCTION CASH FLOWS WITH NONLINEAR COST DISTRIBUTIONS

Emad Elsaed Elbeltagi, Mohammad Abo Elfetouh Ammar, and Haytham Mohammad Sanad

MNG-003: TIME-COST-QUALITY-POLLUTION TRADE-OFF ANALYSIS FOR CONSTRUCTION PROJECTS

Magdy Madany, Mohamed Marzouk, Azza Abou-Zied, and Moheeb El-Said

MNG-004: THE PERCEPTION OF ENVIRONMENTAL ASPECTS IN CONSTRUCTION SME

Hesham Ahmed Bassioni, Waël Kamel, Ahmed Hossam El-Din, and Nawar Abdelrahman

Hall (A)

FROM 16:45 TO 18:00 : Technical Session RCS4:

CHAIRMAN: Prof.: A. Abu Zaid Prof.: M. El-Saeed Eissa Prof.: Ali Sherif Faiad

Coordinator: Dr.: Amr Zaher

RCS-016: BEHAVIOR OF BRACED REINFORCED CONCRETE COUPLED SHEAR WALLS IN HIGH RISE BUILDINGS

AHMED KAMEL EL-BADWY, OMAR ALY EL-NAWAWY, AMIN SALEH ALY AND AMGAD AHMED TALAAT

RCS-017: BEHAVIOUR OF CONCRETE FILLED FRP TUBES

omar El Nawawy, Amr Abd El Rahman, Hazem Abd El Latif, and Shady Hammouda

RCS-018: BOND CHARACTERISTICS BETWEEN HIGH STRENGTH CONCRETE (HSC) AND CARBON FIBER REINFORCED POLYMERS (CFRP)

Ayman Ahmed Moustafa, Khaled Hilal Riad, and Amr Ali Abdelrahman

RCS-019: SEISMIC RESPONSE OF EXTERIOR SLAB-COLUMN CONNECTION

Hamdy Kamal Shehab-Eldin, Mohamed Mahmoud Husain, and Hibat-Alla Mohamed Ali

Hall (B)

FROM 16:45 TO 18:00 : Technical Session STL4:

CHAIRMAN: Prof.: Mahmoud Elbanna Prof.: Nabil Mahmoud Prof.: Nahla Hassan

Coordinator: Dr.: Abelrahim Badwy

STL-013: ULTIMATE STRENGTH OF UNIPLANAR CIRCULAR HOLLOW SECTION JOINTS SUBJECTED TO AXIAL AND INPLANE BENDING MOMENT

EMAM SOLIMAN, Ahmed Hassan yousef, and MOHAMMED saeed Ahmed

STL-014: CRACK TIP PLASTICITY OF SHORT FATIGUE CRACK EMANATING FROM RIVETED/ BOLTED STEEL CONNECTION

hossam e. Salam, Ehab boghdadi Matar, Alaa Abd el-kader el sisi, and Ossama El-Hussieny abdel salam

STL-015: TOPOLOGY AND SIZING OPTIMIZATION OF BRACED STEEL STRUCTURES BY GENETIC ALGORITHM

Payam Ashtari and Farshid Barzegar

STL-016: SOFTWARE FOR DESIGN AND DRAWING OF PITCHED-ROOF PORTAL STEEL FRAMES

El-Sayed El-Sayed Abd-Elaal, Fikry Abdo Salem, Essam-Eldin Soliman Aguib, and Nabil Sayed Mahmoud

Hall (C)

FROM 16:45 TO 18:00 : Technical Session MNG2:

CHAIRMAN: Prof.: Ibrahim Abdelrasheed Prof.: Hany Elsayah Prof.: Tarek Zayed

Coordinator: Dr.: Khaled Helal

MNG-005: THE IMPLEMENTATION OF ISO-9000 STANDARDS TO CONSTRUCTION
Mohammad ABU-TALEB, Mohammad Ammar, and Tarek Zayed

MNG-006: ASSESSMENT OF ISO BENEFITS VERSUS COSTS IN THE CONSTRUCTION INDUSTRY
Mohammad Ammar and Tarek Zayed

MNG-007: DEVELOPING EXPERT SYSTEM USING DATA MINING TECHNIQUE IN THE CONSTRUCTION RISK RESPONSES IN EGYPT
PROF. DR. I A. NOSSIR, ASSOCIATE. PROF. M. EL MIKAWI, and ENG A. M. IBRAHIM

MNG-008: SCHEDULING OF TYPICAL REPETITIVE PROJECTS CONSIDERING LEARNING DEVELOPMENT EFFECT
Mohammad A. Ammar and Amena F. Abdel-Maged

DAY (3) : TUESDAY 29 December 2009

Hall (A)

FROM 9:00 TO 10:15 : Technical Session STL5:

CHAIRMAN: Prof.: Mostafa Korashy Prof.: Mokhtar Sedeek Prof.: Samir Hekal

Coordinator: Dr.: Saied Aboelhagag

STL-017: THE RESPONSE MODIFICATION FACTOR IN SEISMIC DESIGN CODES FOR STEEL MRF

Maha Moddather HASSAN, Mohammed Hassanien SERROR, and Sherif Ahmed MOURAD

STL-018: COLD-FORMED C-CHANNEL COLUMNS WITH VARIOUS CONFIGURATIONS OF WEB AND INCLINED LIP STIFFENERS

SHERIF K. HASSAN, ABDEL RAHIM K. DESSOUKI AND SAFA Y. SAYED

STL-019: PRYING FORCE ASSESSMENT USING NONLINEAR FINITE ELEMENT MODEL

Hesham Sobhy Sayed and Mohammed Hassanien Serror

STL-020: STUDY OF STEEL BOX GIRDERS WITH CORRUGATED WEBS UNDER PURE TORSIONAL MOMENT

A. K. Dessouki, Sherif Abdel-Basset Ibrahim AND M. M. Momtaz

Hall (B)

FROM 9:00 TO 10:15 : Technical Session COMP1:

CHAIRMAN: Prof.: Ibrahim Mahfouz Prof.: Mashhour Ghoneim Ass. Prof.: Tarek Hassan

Coordinator: Dr.: Amr Helmy

COMP-001: STATIC AND FATIGUE BEHAVIOUR OF HYBRID HIGH PERFORMANCE CONCRETE BEAMS

Ayman Elmahdy, Raafat El-Hacha, and Nigel Shrive

COMP-002: EFFECT OF ELEVATED TEMPERATURE ON COLUMNS RETROFITTED WITH CARBON FIBER COMPOSITES.

A. Y. ABOUELEZZ

COMP-003: REHABILITATION OF REINFORCED CONCRETE FRAMES TO CONFORM TO CURRENT EGYPTIAN CODES

Osman Mohamed Ramadan, Ahmed Amir Khalil, and Ahmed M. Tawfik

COMP-004: A SIMPLIFIED APPROACH FOR PREDICTING STRAINS IN FRP-STRENGTHENED FLEXURAL MEMBERS

Hemdan Okasha Ahmed Said

COMP-005: POLYMERIC CONCRETE FOR SUSTAINABLE FUTURES

Muhd Fadhil Nuruddin, Andri Kusbiantoro, and Sobia Qazi

Hall (C)

FROM 9:00 TO 10:15 : Technical Session GEO3:

CHAIRMEN: Prof.: Mona Eid Prof.: Mostafa Mossad Prof.: Yasser El-Mossallamy

Coordinator: Dr. Mohamed Abelmottal

GEO-009: DAMAGE ASSESSMENT USING INTEGRATION BETWEEN FEM AND GIS
KAMAL GHAMERY METWALLY, MANAR MOHAMED HUSSEIN, and ADEL YEHIA AKL

GEO-010: MODELING OF GROUNDWATER LOWERING IN A SEMI-CONFINED AQUIFER AREA
Ahmed Mosalem Samieh and Asmaa Hanafy Mahmoud

GEO-011: 3-D FINITE ELEMENTS ANALYSIS OF TUNNEL SYSTEM PERFORMANCE FROM

APPLICATION TO PRACTICE
Sh Atrash, Sa Mazek, and Mk El Ghamrawy

GEO-012: RATE EFFECT ON PORE PRESSURE BEHAVIOUR UNDER COMPRESSION TRIAXIAL LOADING
Ihcene Lamri, Mustapha Hidjeb, Nouredine Chelghoum, and Harrat Kamel

Hall (A)

FROM 10:30 TO 11:45 : Technical Session RCS5:

CHAIRMAN: Prof.: El-Adawy Nasef Prof.: Omar El-Nawawy Prof.: El-Sayed Ibrahim

Coordinator: Dr.: Mohamed Nabil

RCS-020: PUNCHING OF SLURRY INFILTRATED FIBER CONCRETE (SIFCON) FLAT SLABS
Saied Ghoname, Hamed M. Salem, Ashraf Shawky

RCS-021: EFFECT OF TRANSVERSE RECTANGULAR OPENINGS ON THE BEHAVIOUR OF REINFORCED CONCRETE BEAMS HAVING VARIOUS PERCENTAGES AREA OF STEEL
Osman Mohammed Ramadan, Sherif Kamal Elwan, and Arafa Mahmoud Ahmed

RCS-022: EXPERIMENTAL BEHAVIOUR OF HIGH STRENGTH CFST LONG COLUMNS
Fathy Saad, Amr Abdelrahman, Mohamed Nabil, and Amir Nassif

RCS-023: CODES COMPARISON FOR POST-TENSIONED SLABS INTERIOR SUPPORT PUNCHING
Tamer Ahmad Ibrahim, Ayman Hessien Hosny, and Amr Abo Hashish

Hall (B)

FROM 10:30 TO 11:45 : Technical Session COMP2:

CHAIRMAN: Prof.: Amr Abdelrahman Prof.: Hany Abdallah Prof.: Ibrahim Shaaban

Coordinator: Dr.: Abdelwahab ElGhandour

COMP-006: COMPOSITE HIGHWAY GUARD FENCE
Ahmed Saeed Debaiky and Hussien Borazghy

COMP-007: STUDYING THE BEHAVIOUR AND DEVELOPMENT OF COMPOSITE VIRANDEEL STRUCTURE
A. A. Mokhtar, A. H. Khalil AND Moustafa Abdel Rahman Dawood

COMP-008: LARGE-SCALE TESTING FOR DECOMPOSITION MODEL VERIFICATION AND VALIDATION
Carsten Ludwig, Erich Hugi, Brian Lattimer, and Zenka Mathys

COMP-009: EXPERIMENTAL STUDY ON STRUCTURAL INSULATED FOAM-TIMBER SANDWICH WALL PANELS FOR BUILDING CONSTRUCTION
Khaled Sennah and Mahmoud Mohamed

Hall (C)

FROM 10:30 TO 11:45 : Technical Session GEO4:

CHAIRMEN: Prof.: Ezzat Emirah Prof.: Amira Abelrahman Prof.: Tahia Awad

Coordinator: Dr. Ashraf Hefny

GEO-013: THREE-DIMENSIONAL ANALYSIS OF THE DYNAMIC INTERACTION EFFECTS between two surface foundations
AHMED BOUMEKIK, H. HASSIS AND B. SBARTAI

GEO-014: THE ROLE OF SMALL STRAIN CONSTITUTIVE MODEL FOR PREDICTING DIFFERENTIAL SETTLEMENT ABOVE TUNNELS
Fathalla Mohamed El-Nahhas and Yasser Moghazy El-Mossallamy

GEO-015: SHAKEDOWN ANALYSIS OF ASPHALT PAVEMENTS UNDER MOVING WHEEL LOADS
Mostapha Boulbibane

GEO-016: PORE WATER PRESSURE ARISING DURING PILE DRILLING IN SAND
Fathi Mohamed Abdrabbo and Khaled El-Sayed Gaaver

FROM 11:45 TO 12:00 : COFFEE BREAK

Hall (A)

FROM 12:00 TO 12:45 : KEYNOTE LECTURE – KNL002, Prof. ALI SHERIF SALAH

“STRUCTURAL DESIGN OF REINFORCED CONCRETE TALL BUILDINGS”

CHAIRMEN: Prof.: Abd Elhady Hosny Prof.: Fathalla El-Nahas Prof.: Sherif Mourad

Coordinator: Dr.: Khaled Morsy

FROM 13:00 TO 14:00 : LUNCH

Hall (A)

FROM 14:15 TO 15:30 : Technical Session STR1:

CHAIRMEN: Prof.: Ahmed Korashy Prof.: Hassan Hegab Prof.: Hany Elghazaly Prof. Mohamed Ataby

Coordinator: Dr.: Saleh Elmekawy

STR-001: MODE SHAPES EXTRACTION USING THE MCRD TECHNIQUE
AHMED ABBASS ELSHAFEY, MAHMOUD R. HADDARA, and HESHAM MARZOUK

STR-002: WIND LOADING PROVISIONS IN EGYPTIAN CODE – A COMPARATIVE STUDY
GHADA NABEEL SAUDI, EHAB HASAN ALI, and SHERIF AHMED MOURAD

STR-003: A FINITE ELEMENT MODEL FOR SPACE TRUSSES ANALYSIS
BOSHRA ABOUL-ANEAN, AHMED A. ELSHAFEY, MOSTAFA M. EL-SHAMI, and KAMEL S. KANDEEL

STR-004: ELIMINATION OF DYNAMIC TEST AMBIGUITIES BY OPTIMIZING THE OBSERVABILITY OF THE STRUCTURE
Hesham Ibrahim Sayed, Ashraf Mohamed Fadel, Sherif Ahmed Mourad, and Ahmet Emin Aktan

STR-005: RELIABILITY ASSESSMENT OF SURFACE SETTLEMENT FOR TUNNELLING MODELS
Mostafa Zaki Abd Elrehim and Islam Araby Hussien

STR-006: SEISMIC RETROFIT OF SHOPPING MALL SKYLIGHT USING SLIDING BEARINGS
wael mowrtage mowrtage and Eren Kalafat

Hall (B)

FROM 14:15 TO 15:30 : Technical Session COMP3:

CHAIRMEN: Prof.: Nasser Darwish Prof.: Fathy Saad Prof.: Hassan Alam

Coordinator: Dr.: Ahmed Ghalab

COMP-010: STABILIZATION OF DUNE SAND USING CEMENT KILN DUST

Mumtaz Ahmed Kamal and Syed Muhammad Hammad

COMP-011: A STUDY ON CONCRETE BRIDGE BARRIERS REINFORCED WITH COMBAR GFRP BARS

EKATERINA TROPYNINA, SERGEY GOREMYKIN, and KHALED SENNAH

COMP-012: FRICTION EFFECT ON THE TENSILE STRENGTH OF DEVIATED CFRP-STRIPS

Mohamed Hwash, Jan Knippers, and Fathy Saad

COMP-013: STRENGTHENING OF PULTRUDED GLASS FRP SECTION COMBINED WITH CONCRETE SLAB USING CFRP PLATES

Ashraf Biddah, Khaled El Sawy, Steve Raynor, and Tarek Sheikhoun

Hall (C)

FROM 14:15 TO 15:30 : Technical Session MAT1:

CHAIRMEN: Prof.: Samir Okba Prof.: Mostafa Eldemerdash Prof.: Goda Ghanem

Coordinator: Dr.: Hany Elshafey

MAT-001: PRESERVATION RECOMMENDED OF USING CRUSHED LIMESTONE AGGREGATE

Mariam Farouk Ghazy

MAT-002: PROPERTIES OF FRESH AND HARDENED SELF COMPACTING CONCRETE (SCC) PRODUCED BY USING LOCALLY AVAILABLE MATERIALS

AHMED EL-badawy Sayed Abd-Almoneem, Rabiee Aly Seddik, and yasser Rifat Tawfic

MAT-003: DURABILITY OF PAVING UNITS IN SULPHURIC ACID

hanan elnouhy and sayeda zeedan

MAT-004: BEHAVIOR OF RC BEAMS OF NSC AND HSC EXPOSED TO FLEXURAL LOAD AND ELEVATED TEMPERATURE

Ragab Megahed Abd El-Naby, Emad Mohammed El-Dardery, and Tahn Awad Allah EL-I-Sayed

Hall (A)

FROM 15:45 TO 17:00 : Technical Session STR2:

CHAIRMEN: Prof.: Mostafa Zidan Prof.: Amin Saleh Prof.: Ibrahim Moharram Prof. Magda Elrakabawy

Coordinator: Dr.: Gamal Hussain

STR-007: SOIL-STRUCTURE INTERACTION EFFECTS ON SEISMIC RESPONSE OF BUILDINGS WITH MULTIPLE BASEMENT FLOORS

Osman Mohamed Ramadan, Bahaa E-H Mahmoud, and Ahmed H-A Khalaf

STR-008: BEHAVIOR OF CONCRETE BEAMS REINFORCED BY FRP BARS UNDER TORSION

Hamdy K. Shehab, Mohamed E. El Awady, Mohamed M. Husain, and Sayed Abdel Maksoud Mandour

STR-009: BUCKLING LOADS OF COLUMNS WITH SUDDENLY CHANGING CROSS-SECTION SUBJECTED TO COMBINED END AND INTERMEDIATE AXIAL FORCES

Magdy Israel Salama

STR-010: ROLE OF DEAD LOAD IN SHAKEDOWN ANALYSIS

BAHER L. ABOUSTAIT

STR-011: OPTIMUM DESIGN OF PLANE-FRAME STEEL PIPE-RACK

S.Y.ABOUI HAGGAG, A. M. ELHOSINY, A. K. DESSOUKI AND M. S. BASSIONY

Hall (B)

FROM 15:45 TO 17:00 : Technical Session COMP4:

CHAIRMEN: Prof.: Hamdy Shaheen Prof.: Ahmed Khalifa Prof.: Mona Mostafa

Coordinator: Dr.: Amgad Talat

COMP-014: EFFECT OF ELEVATED TEMPERATURE ON STRUCTURAL PERFORMANCE OF R.C. COLUMNS CONFINED BY CFRP

Adel Ahmed El Kourdi, Aly Ibrahim El Darwish, Adel Mahmoud Khalifa, and Alaa Mahmoud Morsy

COMP-015: FIBER REINFORCED CONCRETE: PAST, PRESENT AND FUTURE

BEDDAR Miloud

COMP-017: EFFECT OF ALKALINE SOLUTION AND ELEVATED TEMPERATURE ON FRP STRENGTHENED BEAMS UNDER SUSTAINED LOAD

El-Sayed A. Nasr, Nahla K. Hassan, and Rasha A. El- Sadani

COMP-018: INNOVATIVE TECHNIQUE FOR STRENGTHENING RC TWO-WAY SLABS

AMR ALI ABDELRAHMAN, TAMER HASSAN ELAFANDY, and MOATAZ AWRY MAHMOUD

Hall (C)

FROM 15:45 TO 17:00 : **Technical Session MAT2:**

CHAIRMEN: Prof.: Farouk Elhakim Prof.: Elsaied Abdelraouf Prof.: Sherif Fakhry

Coordinator: Dr.: Ahmed Fathy

MAT-005: AN EXPERIMENTAL STUDY TO PROTECT STEEL REINFORCING BARS FROM CORROSION

Rabie Mohamed Ali Seddik and Ahmed El-Badawi Sayed Abdel-Monem

MAT-006: EFFECT OF CEMENT CONTENT AND CEMENT TYPE ON THE RESISTANCE OF CONCRETE AGAINST CHEMICAL ATTACK.

Ahmed El-Badawi Sayed Abdel-Monem and Rabie Ali Seddik Mohamed

MAT-008: THIRTEEN YEARS EXPLORATION OF MECHANICAL PROPERTIES IN HSC UTILIZING DESTRUCTIVE AND NON DESTRUCTIVE TESTS

Mohamed M. Yousry El Shikh

Hall (A)

FROM 17:00 TO 17:30 : **CLOSING CEREMONY**