

Conference Program Outline of CICM 2015, 14-15 December 2015

Time	Venue	Event
<u>Day 1: 14 December 2015 (Monday)</u>		
08:30 – 09:30	GMMPH	Registration
09:30 – 10:30	Do	Inaugural Ceremony
10:30 – 11:00	Do	Keynote Session Speaker: Dr Anwar Zahid ARCADIS-US
11:00 – 11:30	Tea Room & 9th Floor	Refreshment with Photo Session
11:30 – 12:00	GMMPH	Keynote Session Speaker: Prof David A Nethercot Imperial College London, UK
12:00 – 13:30	Do 5th Floor (R501, R502)	Distinguished Session Parallel Technical Sessions [1st and 2nd]
13:30 – 14:30	Central Tea Room	Lunch
14:30 – 15:00	GMMPH	Keynote Session Speaker: Prof Nur Yazdani The University of Texas Arlington, USA
15:00 – 15:30	Do	Keynote Session Speaker: Dr Shahria Alam The University of British Columbia, Canada
15:30 – 15:45	Central Tea Room	Refreshment
15:45 – 17:15	GMMPH 5th Floor (R501, R502)	Distinguished Session Parallel Technical Sessions [3rd and 4th]
17:15 – 17:30	Tower 1-GF	Prayer Break
17:30 – 18:30	5th Floor (R501, R502)	Parallel Technical Sessions [5th and 6th]

Time	Venue	Event
<u>Day 2: 15 December 2015 (Tuesday)</u>		
09:00 – 09:30	GMMPH	Keynote Session Speaker: Prof Robert Tremblay Ecole Polytechnique de Montreal, Canada
09:30 – 10:00	Do	Keynote Session Speaker: Prof Shamim A Sheikh University of Toronto, Canada
10:00 – 10:30	Do	Keynote Session Speaker: Prof Mohd Zamin Bin Jumaat University of Malaya, Malaysia
10:30 – 11:00	Central Tea Room	Refreshment
11:00 – 12:00	GMMPH 5th Floor (R501, R502)	Distinguished Session Parallel Technical Sessions [7th and 8th]
12:00 – 13:30	GMMPH 5th Floor (R501, R502)	Parallel Technical Sessions [9th, 10th and 11th]
13:30 – 14:30	Central Tea Room	Lunch
14:30 – 16:00	GMMPH 5th Floor (R501, R502)	Parallel Technical Sessions [12th, 13th and 14th]
16:00 – 16:15	Central Tea Room	Refreshment
16:15 – 17:15	GMMPH 5th Floor (R501, R502)	Parallel Technical Sessions [15th, 16th and 17th]
17:15 – 18:00	Tower 1-GF	Prayer Break
18:00 ~	Tower 1-GF	Depart for Gala Dinner [Sharp]
18:30 – 20:00	Kurmitola Golf Club	Closing Ceremony with Cultural Program
20:00 – 22:00	Kurmitola Golf Club	GALA DINNER

Day 3: 16 December 2015 (Wednesday)

Reserved for sightseeing of foreign delegates and keynote speakers

KEYNOTE SESSIONS**DAY 1, 14/12/2015**

Venue : GMMPH		
Session Chair : Dr Shahria Alam, UBC		
Session Aid : Tahmida Hossain Shimu and Md. Abdur Rahman		
<u>Time</u>	<u>Paper Title</u>	<u>Authors' Name</u>
10:30- 11:00	Lessons Learned from Large Scale Hurricane and Flood Risk Management Infrastructure Projects	Dr Anwar Zahid Assoc Vice President and Principal Engineer, ARCADIS- US
11:30- 12:00	Designing Steel and Composite Buildings to Resist Progressive Collapse	Dr David A Nethercot Professor, Imperial College London, UK
14:30- 15:00	Fiber Reinforced Polymer (FRP) Strengthening: Application in Concrete Bridge Infrastructure	Dr Nur Yazdani Professor, The University of Texas Arlington, USA
15:00- 15:30	Shape Memory Alloy (SMA) - based Smart Structural Components for Safer Communities	Dr Shahria Alam University of British Columbia, Canada

DAY 2, 15/12/2015

Venue : GMMPH		
Session Chair : Dr Shahria Alam, UBC		
Session Aid : Tahmida Hossain Shimu and Md. Abdur Rahman		
<u>Time</u>	<u>Paper Title</u>	<u>Authors' Name</u>
09:00- 09:30	Seismic Design and Retrofit of Single-Storey Steel Buildings with Flexible Metal Roof Deck Diaphragms in Accordance with Canadian Code Provisions	Dr Robert Tremblay Professor, Ecole Polytechnique de Montreal, Canada
09:30- 10:00	Sustainable Upgrade of Concrete Structures with External FRP	Dr Shamim A Sheikh Professor, University of Toronto, Canada
10:00- 10:30	Current Trends in Strengthening Materials and Techniques for Rehabilitation of Structures	Dr Mohd Zamin Bin Jumaat Professor, University of Malaya, Malaysia

DISTINGUISHED SESSIONS

1st Session **DAY 1, 14/12/2015**

Venue : GMMPH		
Session Chair : Prof Shamim A Sheikh, University of Toronto, Canada		
<u>Time</u>	<u>Paper Title</u>	<u>Authors' Name</u>
12:00- 12:20	Understanding of soil-structure interaction via centrifuge modelling	Dr Charles W W Ng Professor, Hong Kong University of Sc and Tech
12:20- 12:40	Drive-by Bridge Damage Evaluation using Apparent Profile	Dr Nasim Uddin Professor, University of Alabama at Birmingham
12:40- 13:00	Seismic Hazard Assessment for Bangladesh - Old and New Perspectives	Dr Tahmeed M Al-Hussaini Professor, Bangladesh University of Engg and Tech
13:00- 13:20	Repair of Cracks on the Deck of Bangabandhu Bridge, Bangladesh	Dr Khan Mahmud Amanat Professor, Bangladesh University of Engg and Tech
13:20- 13:30	Discussion	
13:30- 14:30	Lunch	

2nd Session **DAY 1, 14/12/2015**

Venue : GMMPH		
Session Chair : Prof David A Nethercot, Imperial College London, UK		
<u>Time</u>	<u>Paper Title</u>	<u>Authors' Name</u>
15:45- 16:05	Intrinsic Properties of Brick Aggregate Concrete: a Review	Dr A F M Saiful Amin Professor, Bangladesh University of Engg and Tech
16:05- 16:25	Empowering BIM through appropriate procurement strategy	Dr Motiar Rahman Institute Technology Brunei
16:25- 16:45	Software Tools for Advanced Structural Analysis and Design	T S Srinivasa S-FRAME Software Inc.
16:45- 17:05	Mechanical Properties of CNT Reinforced Nano-composite using Nano-Indentation Analysis	Dr K Sakil Ahmed Military Institute of Science and Technology
17:05- 17:15	Discussion	

3rd Session **DAY 2, 15/12/2015**

Venue : GMMPH		
Session Chair : Prof Robert Tremblay, Ecole Polytechnique de Montreal, Canada		
<u>Time</u>	<u>Paper Title</u>	<u>Authors' Name</u>
11:00- 11:20	Cyclic Tests on Different Schemes of Retrofitting of Reinforced Concrete Beam-Column Interior Joints	Dr Raquib Ahsan Professor, Bangladesh University of Engg and Tech
11:20- 11:40	Mechanism of Anchor Type Retaining Wall in Braced Excavation and Simulation of a Field Observation	Dr Shahin Hossain Professor, Islamic University of Technology
11:40- 12:00	Use of shape memory alloy in seismic retrofit of multi-span elevated bridge	Dr. Abdur Rahman Bhuiyan Professor, Chittagong University of Engg and Tech

TECHNICAL SESSIONS

1st Session DAY 1, 14/12/2015

Session : Advancement in Construction Materials

Venue : T1-R501

Session Chair : Professor Khan Mahmud Amanat, BUET

<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
12:00- 12:15	12-13	Compressive Stress-Strain Behavior of Low Grade Steel Fiber Reinforced Concrete Made With Fresh Brick Aggregates	<u>M. S. Islam</u> and M. A. A. Siddique
12:15- 12:30	12-14	Nanotechnology: Bridging the Cracks between ancient and modern Concrete Technology	Tanvir Manzur, <u>Rishath Sabrin</u> , Baishakhi Bose and Rubaiya Rumman
12:30- 12:45	21-17	Application of Polymer in the field of construction: High Strength Achievement and Retrofitting Potentiality	<u>Atanu Pramanik</u> , Ahmad Mojtaba Ali and Alamgir Habib
12:45- 13:00	21-25	Some Recent Advances in Structural Applications of Engineered Wood Products	<u>Asif Iqbal</u>
13:00- 13:15	24-13	Ductility Performance of High Strength Lightweight Concrete Produced from a Mixture of Oil Palm Shell and Palm oil Clinker	<u>Md. Nazmul Huda</u> , Mohd Zamin Bin Jumaat, A.B.M. Saiful Islam and Mahmudur Rahman Soeb
13:15- 13:30	45-15	Finite Element Analysis of Airfield Pavement	Tahmida Hossain Shimu, <u>Md. Mizanur Rahman</u> , Md. Naim Hossain, Nusrat J. Nilu, S. M. Muniruzzaman, K. S Ahmed
13:30- 14:30		Lunch	

2nd Session DAY 1, 14/12/2015

Session : New Generation Binder and Concrete

Venue : T1-R502

Session Chair : Professor Moinul Islam, CUET

<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
12:00- 12:15	11-14	Properties of No-cement Binder Containing Slag, Fly Ash, Rice Husk Ash and Coconut Fiber with Chemical Activator	Md Shafiullah, Md <u>Monjurul Hasan</u> and Md. Rezaul Karim
12:15- 12:30	11-20	Application of Microbiologically Induced Precipitation Process in Cement and Concrete Research: A Review	<u>Farzana Rahman</u> , Sumaiya Afroz, Ikram Hasan Efaz, Rafid Shams Huq and Tanvir Manzur
12:30- 12:45	21-23	Investigation of Setting Behaviour and Compressive Strength of Mining Coal Bottom Ash Blended Cement	<u>Mohammad Razaul Karim</u> , H. A. Razak, M. A. Rahman, S. Yusoff
12:45- 13:00	22-26	Effect of Specimen Size on Compressive Strength of Concrete	Belal Hossen, Md <u>Azizul Islam</u> and Rawson Jadid
13:00- 13:15	32-13	Numerical investigation on influences of slenderness and wrapping thickness of CFRP confined concrete cylinder	<u>S.A.Esha</u> , S.Nasrin and Z.I.Zahid
13:15- 13:30	32-31	Repair of Earthquake Damaged Bridge Deck Using FRP Bars	<u>M. Ashiquzzaman</u> , M. T. Islam, K. J. Hong
13:30- 14:30		Lunch	

3rd Session
DAY 1, 14/12/2015

Session : Performance of Construction Materials

Venue : T1-R501

Session Chair : Professor Tahmeed M. Al-Hussaini, BUET

<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
15:45- 16:00	11-19	Durability of concrete containing Recycled Granulated Steel as partial replacement of Natural Fine Aggregate	<u>Upal Mohammad Towfiqul Quadir</u> , Atanu Pramanik, Kamrul Islam, M. Shahria Alam, Shah Md. Muniruzzaman
16:00- 16:15	41-25	Fracture Toughness of Plain Concrete Specimens made with Industry-Burnt Brick Aggregates in Marine Environment	<u>Tafsirojjaman</u> , M. Shaheduzzaman, M.R. Alam and M. F. Rahman
16:15- 16:30	43-14	Severe Wave Induced Characteristics of Deep Water Coupled Floating Spar Platform	<u>Mahmudur Rahman Soeb</u> and A.B.M. Saiful Islam, Mohd Zamin Bin Jumaat and Md. Nazmul Huda
16:30- 16:45	44-18	Effect of Wind Loads on Lateral Deflection and Drift Behavior of Various Building Codes on Structures	<u>M. Mahmood</u> , S. Bhowmik and A. B. Emon
16:45- 17:00	31-16	Performance assessment of existing RC garment manufacturing factory building: case study in the context of Bangladesh	AKM Golam Murtuz, <u>Khadiza B. Jalal</u> , Rifat J. Priti, Kamrul Islam, M. Shahria Alam
17:00- 17:15	22-27	Kinematic Model for Mortar Expansion	Shahidul Islam, Abdul Aziz Allessa, <u>Mumtasirun Nahar</u> , <u>Sazeda Akter Jeny</u>
17:15- 17:30		Prayer break	

4th Session
DAY 1, 14/12/2015

Session : Recycling, Reuse and Sustainability

Venue : T1-R502

Session Chair : Professor Md Tarek Uddin, IUT

<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
15:45- 16:00	11-21	Performance of Slag Based Geopolymer Mortar in Acidic Environment	<u>Opu Chandra Debanath</u> , M. S. Islam and M. M. Islam
16:00- 16:15	22-23	Possible Detrimental Effects of Tannery Wastewater Constituents on Concrete	<u>Sinha Lamia Sultana</u> , Samira Mahmud and Tanvir Manzur
16:15- 16:30	24-12	Use of Coal Burnt Fly Ash as Sustainable Construction Material	<u>Md. Moinul Islam</u> , Mohammad Tarequl Alam and Md. Saiful Islam
16:30- 16:45	32-32	Production of Micro-concrete using indigenous materials	Raquib Ahsan, <u>Rakibul Hassan</u> and Shofiq Ahmed
16:45- 17:00	51-19	Effect of salt water in sand, lime and fly ash mixture	<u>Mohammad Emdadul Karim</u> and Md. Jahangir Alam
17:00- 17:15	61-16	Correlation Between in-situ Concrete Strength and UPV For Brick Samples	<u>Anan Das Bristi</u> , Fahim Ahmed and Mehedi Ahmed Ansary
17:15- 17:30		Prayer break	

5th Session
DAY 1, 14/12/2015

Session : Geotechnical Engineering

Venue : T1-501

Session Chair : Mohiuddin Ahmed, MIST

<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
17:30 - 17:45	51-18	Factor of safety of single pile in collapsible soil during inundation: negative skin friction	<u>Sarah Tahsin Noor</u> and <u>Krishnandu Barma</u>
17:45- 18:00	52-21	Application of Seismic Refraction Method to Investigate Subsurface Structure of Dhaka City	<u>Abul Khair</u> , B.S. Pushpendue Biswas and Mehedi Ahmed Ansary
18:00- 18:15	53-13	Parametric study of geotextile reinforced earth retaining wall	<u>Md. Shafikul Islam</u> and Md. Jahangir Alam
18:15- 18:30	51-11	Effect of Moisture Content on the CBR Puncture Resistance of Jute Geotextile	<u>Maruf Hasan</u> , Debojit Sarker and Sarwar Jahan Md. Yasin
18:30- 18:45	51-25	Seismic slope stability analysis of homogenous clay soil	<u>Md. Saadman Sakib</u> and Md. Kabirul Islam

6th Session
DAY 1, 14/12/2015

Session : Structures under Dynamic Load

Venue : T1-R502

Session Chair : Dr. Mohammed Russedul Islam, MIST

<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
17:30 - 17:45	22-14	Characterization of Mechanical Properties of Concrete with HE Cement for Concrete Railway Sleepers	Md Shamsuddoha, Jeremy A. McIntyre and <u>Kamrul Islam</u>
17:45- 18:00	31-18	Evaluation of Seismic Design Response Factors of High-Rise Steel Buildings Under Various International Design Codes	<u>Nadeem Hussain</u> , M. Shahrin Alam
18:00- 18:15	37-11	Aerodynamic behaviour of box girder bridge deck with edge fairing: Effects of nose location	<u>Md. Naimul Haque</u> and Mohammed Russedul Islam
18:15- 18:30	45-14	Drift Investigation to Tall Building Frames	<u>Farhana Kabir</u> and Md Kamruzzaman
18:30- 18:45	41-15	Effect of Masonry Infill Walls on the Seismic Response of a Three Storey Industrial Building in Bangladesh	<u>Jaher Wasim</u>

7th Session
DAY 2, 15/12/2015

Session : Design and Retrofitting

Venue : T1-R501

Session Chair: Dr. Sakil Ahmed, MIST

<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
11:00- 11:15	32-19	Bonding between old and new concrete in concrete jacketing	<u>Md. Mahfuzul H. Chowdhury</u> , K Sakil Ahmed, Md. Moniruzzaman, Washi B. W. Wohab Onnesha, Habibur Rahman Kamal
11:15- 11:30	32-25	Detail Engineering Analysis of Assessment of Retrofit Measures of Existing Structure	<u>Omar Rashid Chowdhury</u> , Jaher Wasim, Muhammad Ahsan Habib, Md. Abu Bakar Siddique, Bijoy Shahriar, A.K.M Hasan Julkernine
11:30- 11:45	32-30	Field Exterior Girder Rotation in Plate Girder Bridges during Construction	<u>M. Ashiquzzaman</u> , L. Hui , A. Ibrahim, W. Lindquist and R. Hindi
11:45- 12:00	63-15	Feasibility Study for Parking Efficient Design of Mid-Rise RC Frame Building	<u>Md. Kabirul Islam</u> , SK Sekender Ali

8th Session
DAY 2, 15/12/2015

Session : Planning and Management

Venue : T1-R502

Session Chair : Professor Javed Bari, NSU

<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
11:00- 11:15	63-18	Identification of Hazardous Road Locations and Black Spots of Dhaka-Barisal National Highway	<u>Farzana Rahman</u> , Fayaz Uddin, Md M Rahman, Md Ariful Islam and Afzal Ahmed
11:15- 11:30	52-13	Effects of Climate Change on Road Maintenance in Bangladesh	Mohammed Russedul Islam, Shah Md Muniruzzaman, <u>Md. Kamrul-Al-Masud</u> and Syed Sadat Morshed
11:30- 11:45	63-11	A Study on Urban Mobility in Northern Cities of Bangladesh	<u>Riffat Islam</u> and Md. Kamruzzaman
11:45- 12:00	63-14	Modelling and calibration of fundamental diagram for merging multi-lane to single-lane heterogeneous traffic flow situation in Bangladesh	<u>H. M. Imran Kays</u> , A.H. Khan, Hadiuzzaman, Shah Muniruzzaman, Sanjana Hossain, Nazmul Haque

9th Session
DAY 2, 15/12/2015

Session : Analysis/Design of Structures

Venue : GMMPH

Session Chair : Professor Nur Yazdani, UT Arlington

<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
12:00- 12:15	11-13	Nonlinear finite element analysis of fully encased composite columns and review of codes	<u>Md. Soebur Rahman</u> , Mahbuba Begum, Raquib Ahsan
12:15- 12:30	21-14	Bond Stress-Slip Behavior between Concrete and Steel Rebar via Pullout Test: Experimental and Finite Element Analysis	<u>M.R. Kabir</u> , Md. Mashfiqul Islam and Md. Arman Chowdhury
12:30- 12:45	24-14	Evaluation of deflection of flexural members with high strength rebar	<u>Md. Iftekharul Islam</u> and Ishtiaque Ahmed
12:45- 13:00	31-20	Seismic Performance Evaluation of RC Garment Manufacturing Buildings Retrofitted with Different Alternatives	<u>AKM Golam Murtuz</u> , Khadiza B. Jalal, Rifat J. Priti, Kamrul Islam, M. Shahria Alam
13:00- 13:15	32-24	Experimental investigation of near surface mounted RC beams with advanced strengthening materials	<u>Kh Mahfuz ud Darain</u> , Mohd Zamin Jumaat, M. Obaydullah
13:15- 13:30	41-13	Numerical Analysis of Concrete Filled Steel Tubular (CFT) Columns	<u>Sharmin Reza Chowdhury</u> , Khandaker Mahedi Hasan, Md. Mohotasimur Rahman, Sharif-Ibne-Ibrahim and Sadia Mahajabin
13:30- 14:30		Lunch	

10th Session
DAY 2, 15/12/2015

Session : Analysis/Design of Structures

Venue : T1-R501

Session Chair : Dr. Anjuman Shahriar, Fortis BC

<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
12:00- 12:15	11-12	Simplified Shear Strength Prediction Model of FRP Reinforced Concrete Beam without Web Reinforcement	Md. Arman Chowdhury, <u>Zubayer Ibna Zahid</u> and Md. Mashfiqul Islam
12:15- 12:30	24-15	Measurement of ultrasonic pulse velocity in concrete for assessing compressive strength	<u>Fatema T Johora</u> , Chowdhury M Toufiq Amin, S M Ibrahim, A Haque and AFM Saiful Amin
12:30- 12:45	34-11	Assessment on moment concentration at slab-column joint of RC flat plates due to gravity and lateral loads	<u>Mohammad Rafiqul Islam</u> and Tahsin Reza Hossain
12:45- 13:00	41-19	Experimental and Finite Element Analysis of Cross Laminated Timber (CLT) Panels	<u>Md Shahnewaz</u> , Thomas Tannert, M. Shahria Alam, Marjan Popovski
13:00- 13:15	41-26	Finite element simulation of ultimate axial capacity of eccentrically loaded steel angles	<u>Iftesham Bashar</u> and Khan Mahmud Amanat
13:15- 13:30	43-12	A Parametric Study on the Buckling and Post-Buckling Response of X100 UOE Pipes under Axial Compression, Bending Moment and Internal Pressure	<u>Sabiha Sharmin</u> , Syeda Nusrat Sharmin, Celal Cakiroglu, Kamrul Islam
13:30- 14:30		Lunch	

11th Session
DAY 2, 15/12/2015

Session : Geo-materials and Geotechnical Engineering

Venue : T1-R502

Session Chair : Professor Shariful Islam, BUET

<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
12:00- 12:15	51-14	Screw plate load test and SPT in the estimation of allowable bearing capacity	<u>Sarah Tahsin Noor</u> , Shamsul Islam and Bodrul Haider
12:15- 12:30	51-23	Development of correlation between soaked and unsoaked CBR of lean clay	<u>Hossain N.</u> , Ahmed S.S., Khan A.J. and Islam M.S.
12:30- 12:45	51-24	Development of Empirical Correlation between Dynamic Cone Resistance and Relative Density of Sand	<u>Rowshon Jadid</u> , Ishika Nawrin Chowdhury and Md. Ferdous Alam
12:45- 13:00	51-27	Determination of liquid and plastic limit of soil using electrical resistivity	<u>Murad O. F.</u> , Chik, Z., Nayan K. A. M. and Mitu S. M
13:00- 13:15	52-14	Exploring the Interface Bond Condition and its Effects on Premature Failure of an Overlay Work: Case Study on National Highway-5, Bangladesh	<u>Asaduzzaman</u> and Moahammed Russeel Islam
13:15- 13:30	52-20	Laboratory Calibration of Time Domain Reflectometry (TDR) to Determine Water Content and Density of Unbound Granular Pavements	<u>Md. Habibullah Bhuyan</u> , Alexander Scheuermann, Didier Bodin and Prof Rolf Becker
13:30- 14:30		Lunch	

12th Session
DAY 2, 15/12/2015

Session : Analysis/Design of Structures

Venue : GMMPH

Session Chair : Professor Zamin Jumaat, University of Malaya

<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
14:30- 14:45	41-23	Nonlinear Seismic Response of RC Structures with Soft Stories	<u>Iftexhar Anam</u> , Main Uddin, Himadree Roy
14:45- 15:00	41-30	Seismic retrofitting of a garments factory building in Bangladesh	<u>Anup Kumar Halder</u> , Akira Inoue, Yosuke Nakajima, Md. Rafiqul Islam
15:00- 15:15	41-17	Shear Connections with Self-Tapping-Screws for Cross-Laminated-Timber Panels	<u>Afrin Hossain</u> and Thomas Tannert
15:15- 15:30	41-31	SMA-based Lead Rubber Bearing for Seismic Control of Highway Bridges	<u>F. Hedayati Dezfuli</u> , M. Shahria Alam
15:30- 15:45	41-24	Numerical Study on Design of Blast Resistant Buildings	<u>Iftexhar Anam</u> , Habiba Islam
15:45- 16:00	31-17	Seismic Response Modification Factor of Concrete Frame Building Reinforced With Shape Memory Alloy (SMA) Rebar	Moniruzzaman Moni, <u>Mumtasirun NAHAR</u> , Kamrul Islam, and M. Shahria Alam
16:00- 16:15		Refreshment	

13th Session
DAY 2, 15/12/2015

Session : Geotechnical Engineering			
Venue : T1-R501			
Session Chair : Professor Dr. Shahin Hossain, IUT			
Session Aid : Ahadul Islam, Farzana Faiza, Arefin Haque			
<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
14:30- 14:45	32-14	Detection of Foundation of Some Buildings of BUET using Electrical Resistivity Tomography (ERT)	<u>B.S. Pushpendue Biswas</u> , Abul Khair, Mehedi Ahmed Ansary
14:45- 15:00	51-13	Effect of Moisture Content on the Thixotropic Strength Recovery of Dhaka Soil	<u>Azmayeen Rafat Shahriar</u>
15:00- 15:15	51-22	Behavior of Padma Sand-silt Mixtures under Cyclic and Static Loading	<u>Mohammad Emdadul Karim</u> and Md. Jahangir Alam
15:15- 15:30	51-28	Performance analysis of driven and bored RCC piles in reclaimed land of Dhaka city : a case study	Mohiuddin Ahmed, <u>Sumaiya B. Anwar</u> , Mazedul I. Chowdhury, Syeda T. Tabassum
15:30- 15:45	52-11	Geotubes for Temporary Erosion Control and Land Restoration of Shoreline along the Cox's Bazaar-Teknaf Marine Drive Road	<u>Mohammad Rezaul Karim</u> and Anika Tahsin
15:45- 16:00	54-11	One Dimensional Ground Response Analysis for Distinctive Locations of Bangladesh	Naveel Islam, Md. Jahangir Alam and <u>A S M Fahad Hossain</u>
16:00- 16:15	Refreshment		

14th Session
DAY 2, 15/12/2015

Session : Recycling, Reuse and Sustainability			
Venue : T1-R502			
Session Chair : Professor Dr. Saiful Amin, BUET			
Session Aid : Tamanna Jerin, Kawsar Alam, Numan Ali Kibriya			
<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
14:30- 14:45	21-26	Fresh and Hard Properties of Concrete with Polypropylene	<u>Md. Jahidul ISLAM</u> , Sultan Al Shafian and Navid Sarwar
14:45- 15:00	11-17	Flexural Response of Concrete prepared with Recycled Granulated Steel as Partial Replacement of Natural Fine Aggregate	<u>Upal Mohammad Towfiqul</u> Quadir, Kamrul Islam, A. H. M. Muntasir Billah and M. Shahria Alam
15:00- 15:15	21-27	Study of bond behavior between steel bars and recycled aggregate concrete	<u>S. Moallemi Pour</u> , M. Shahria Alam
15:15- 15:30	11-18	Mechanical behavior of concrete prepared with Saw Dust as partial replacement of Natural Fine Aggregate	Upal Mohammad Towfiqul Quadir, <u>Irfan Chowdhury</u> , Md. Mohinul Islam, Kamrul Islam and A.H.M. Muntasir Billah
15:30- 15:45	21-28	Experimental Investigation on Mechanical Properties of Light-weight Foamed Concrete	Washi B. Wohab Onnesha, <u>Sudarshar Sarker</u> , Md. Ashik Rahman, Habibur Rahman Kamal
15:45- 16:00	41-14	Green Roofs for Residential Buildings in Tropical Climates: The Bangladesh Perspective	<u>S M Shafi</u> , Navila Tabassum and Bishu Deb Nath
16:00- 16:15	Refreshment		

15th Session
DAY 2, 15/12/2015

Session	: Structural Health Monitoring and Non-destructive Testing		
Venue	: GMMPH		
Session Chair : Dr. M Nazmul Islam, NSU			
<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
16:15- 16:30	34-14	Drive-by Bridge Damage Evaluation using Apparent Profile	Ahmed El-Hattab, <u>Nasim Uddin</u> , Eugene Obrien
16:30- 16:45	34-12	Application of Fuzzy Logic for Deflection Prediction of Near Surface Mounted RC Beams	K.M. Darain, <u>Altab Hossain</u> , M.Z. Jumaat, M. Obaydullah
16:45- 17:00	37-12	Ambient Vibration of URM Buildings in Dhaka	<u>Romeo Nowrin Khan</u> , Raquib Ahsan
17:00- 17:15	37-14	A Review of the Application of Structural Health Monitoring and Damage Detection Methodologies on Full-Scale Civil Engineering Structures	<u>S M Faisal Mahmood</u>

16th Session
DAY 2, 15/12/2015

Session	: Seismic Performance of Structures		
Venue	: T1-R501		
Session Chair : Professor Sharmin Reza Chowdhury, AUST			
<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
16:15- 16:30	31-14	A Comparative Study of Seismic Risk Assessment Procedures For Existing Residential Buildings of Dhaka City	<u>Naveel Islam</u> , Kshama S. Roy, Kamrul Islam, Fatema T. Johora and Md. Imran Hossain
16:30- 16:45	32-20	Seismic Vulnerability Assessment of Existing Reinforced Concrete Residential Buildings by Japanese Method	<u>Naveel Islam</u> , <u>Kshama S. Roy</u> , <u>Kamrul Islam</u> , <u>Fatema T. Johora</u> , <u>Mohiuddin Imran</u> and <u>Arif Hoosain</u>
16:45- 17:00	41-32	Numerical Analysis of a RC Slab-Column Connection Subjected to Lateral and Vertical Seismic Loading	<u>Mostafiz Emtiaz</u> , A.S.M. Alauddin Al Azad and H. M. Shahin
17:00- 17:15	44-17	Performance Based Seismic Design of a Ten Storey RCC Commercial Building using Nonlinear Pushover Analysis	<u>Jaher Wasim</u>

17th Session
DAY 2, 15/12/2015

Session	: Seismic Performance of Structures		
Venue	: T1-R502		
Session Chair : Professor Iftekhar Anam, UAP			
<u>Time</u>	<u>Paper ID</u>	<u>Paper Title</u>	<u>Authors' Name</u>
16:15- 16:30	53-14	Factors affecting Transaction Costs in Brunei Construction	<u>Motiar Rahman</u> , Noor Hadijah
16:30- 16:45	45-12	Seismic Performance Investigation of Base Isolation System for Typical Residential Building in Bangladesh	<u>S.Tasnim</u> , K.A.Farzana, K.S. Ahmed and Aziz Ahmed
16:45- 17:00	45-13	Seismic Performance of Mass Dampers for Typical Building Structures in Bangladesh	<u>T. Tabassum</u> , N. Chowdhury, K.S. Ahmed and Aziz Ahmed
17:00- 17:15	45-20	Seismic Performance of Concentrically-Braced Steel Frames	A K M Golam Murtuz, Md. <u>Rezaul Karim</u> , Kamrul Islam, Shahria Alam