

SUSTAINABLE CONCRETE FOR NOW AND THE FUTURE (ACF2016)

HỘI THẢO QUỐC TẾ VỀ BÊ TÔNG BỀN VỮNG CHO HIỆN TẠI VÀ TƯƠNG LAI

HANOI, VIETNAM, 30 OCT.-2 NOV., www.acf2016.vn

JW MARRIOTT HOTEL HANOI

ACF2016 GENERAL PROGRAMME

CHƯƠNG TRÌNH TỔNG THỂ

DAY 1: Sunday 30 Oct 2016 at JW Marriott Hotel Hanoi			
Registration and Welcome Reception 14:00 - 17:30			
9:00	ACF all-day meeting including EC, GA, TC/TB meetings		
14:00	Registration at Reception Hall		
19:30	Reception welcome dinner (invited delegates only, venue French Grill Restaurant, JW Marriott Hotel Hanoi)		
DAY 2: Monday 31 Oct 2016 at JW Marriott Hotel Hanoi			
OPENING CEREMONY & MORNING SESSION 7:30 - 12:30			
7:30 - 8:30	Registration		
8:30 - 9:00	Welcome Remarks		
	WELCOME (President of VCA): Vice Minister of Construction, Dr. Le Quang Hung		
	WELCOME (President of ACF): Professor Manyop Han		
	WELCOME (Minister of Construction): Mr. Pham Hong Ha		
9:00 - 12:10	Keynote lectures		
	- Keynote 1: Importance of Asia and the Activity of ACF		
	Professor Manyop Han, President of Asian Concrete Federation & Director of Korea Society of Civil Engineers		
	- Keynote 2: Sustainability in structural concrete, an argument to be seriously included in conceptual design		
	Professor Hugo Corres Peiretti, President of FHECOR, Deputy President of fib		
	Coffee break - Poster session - Exhibition visit		
	- Keynote 3: Development of Earthquake-Resistant Design Requirements for Beam-Column Joints in Reinforced Concrete Structures		
	Prof. James K.Wight, University of Michigan, USA & Past President of ACI		
	- Keynote 4: Corrosion in reinforced concrete structures: cracking, durability, and service life		
	Emeritus Professor Mark G Alexander, University of Cape Town, South Africa, Immediate Past President of RILEM		
	- Keynote 5: Vietnam Concrete on the way towards Sustainability		
	Dr. Le Trung Thanh, Vietnam Concrete Association, Vietnam		
12:10 - 12:20	Thank-you message to sponsors & offering souvenirs to sponsors		
12:20 - 12:30	Group pictures on the stage & in the front of conference's Grand Hall		
12:30 - 13:30	Lunch - Exhibition visit		
AFTERNOON SESSION 13:30 - 17:00			
13:30-15:10	LECTURE HALL 1 (Salon 1)	LECTURE HALL 2 (Salon 2)	LECTURE HALL 3 (Salon 3)
	Concrete materials and technologies (Chaired by Prof. Manyop Han & Prof. Nguyen Van	Concrete structures (Chaired by Dr. Le Trung Thanh & Prof. Mike	Admixtures for concrete (Chaired by Prof Adolf Bajza & Prof. Hiroshi Yokota)
15:10-15:30	COFFEE BREAK, POSTER SESSION & EXHIBITION VISIT		
15:30-17:00	Sustainability (Chaired by Prof. Marios Soutsos & Assoc. Prof. Tran	Maintenance, monitoring, repair and strengthening (Chaired by Prof. James K. Wight & Assoc. Prof.	Cracks in concrete structures (Chaired by Prof. Mark G Alexander & Assoc. Prof.
18:30	Gala Dinner & 20 th Anniversary of Vietnam Concrete Association - Traditional Music Performance (Grand Ballroom- Salon 1&2, JW Marriott Hotel)		

DAY 3: Tuesday 1 Nov. 2016 at JW Marriott Hotel Hanoi

MORNING SESSION 08:00 - 12:00

08:00-10:20	LECTURE HALL 1 (Salon A)	LECTURE HALL 2 (Salon B)	LECTURE HALL 3 (Salon C)	LECTURE HALL 4 (Event 2)
	Maintenance, monitoring, repair and strengthening (Chaired by Prof. Nguyen Viet Tue & Assoc. Prof. Nguyen Thanh Sang)	Concrete structures (Chaired by Prof. Ueda Tamon & Dr. Tung Khuc)	Concrete materials and technologies (Chaired by Prof. Somnuk Tangtermsirikul & Dr. Le Trung Thanh)	Special Session JCI-KCI Joint session for Fire Resistance Concrete (Chaired by Prof. Gyuyong KIM & Prof. Mitsuo Ozawa)
10:20-10:40	COFFEE BREAK, POSTER SESSION & EXHIBITION VISIT			
10:40-12:00	SIP special session - Latest technologies on infrastructure management (Chaired by Professor Hiroshi Yokota)	Sustainability (Chaired by Mr. David Millar & Assoc. Prof. Vu Quoc Vuong)	Cracks in concrete structures (Chaired by Prof. Hugo Corres & Prof. Chung-Chia Yang)	Special Session of Professor MooHan KIM (Chaired by Professor Gyuyong KIM)
12:00-13:30	LUNCH & EXHIBITION VISIT			
AFTERNOON SESSION 13:30 - 17:00				
13:30-15:10	LECTURE HALL 1 (Salon A)	LECTURE HALL 2 (Salon B)	LECTURE HALL 3 (Salon C)	LECTURE HALL 4 (Event 2)
	Concrete materials and technologies (Chaired by Prof. Caijun SHI & Assoc. Prof. Nguyen Van Tuan)	Concrete structures (Chaired by Prof. Benjamin Lumantama & Dr. Ha Minh)	Admixtures for concrete (Chaired by Prof. S. Unčik & Prof. Etsuo Sakai)	Special Session of Professor MooHan KIM (Chaired by Professor Gyuyong KIM)
15:10-15:30	COFFEE BREAK, POSTER SESSION & EXHIBITION VISIT			
15:30-17:00	Concrete materials and technologies (Chaired by Assoc. Prof. Nguyen Van Chanh & Prof. Kenichi Imagawa)	Concrete structures (Chaired by Prof. Subhajt Saraswati & Dr. Phan Huu Duy Quoc)	Maintenance, monitoring, repair and strengthening (Chaired by Prof. Benjamin Lumantama & Prof. Sandeep Chaudhary)	Other topics in related to concrete materials and structures (Chaired by Prof. Baochun Chen & Prof. Masao Yamane)

DAY 4: Wednesday 2 Nov. 2016 at JW Marriott Hotel Hanoi

MORNING SESSION 08:00 - 12:00

08:00-10:20	LECTURE HALL 1 (Salon A)	LECTURE HALL 2 (Salon B)	LECTURE HALL 3 (Salon C)	
	Concrete materials and technologies (Chaired by Prof. Subhajt Saraswati & Prof. Jihoon Kim)	Maintenance, monitoring, repair and strengthening (Chaired by Prof. Mark G. Alexander & Prof. Jong-Han Lee)	Concrete materials and technologies (Chaired by Prof. Takeshi Iyoda & Prof. Somnuk Tangtermsirikul)	
10:20-10:40	COFFEE BREAK, POSTER SESSION & EXHIBITION VISIT			
10:40-12:00	Concrete materials and technologies (Chaired by Prof. Nopagon Usahanunth & Assoc. Prof. Nguyen Thanh Sang)	Concrete materials and technologies (Chaired by Prof. Hyeongmin Son & Assoc. Prof. Vu Quoc Vuong)	Other topics in related to concrete materials and structures (Chaired by Prof. Yagaanbuyant Duinkerjav & Prof. Yasushi Tanaka)	
12:00-13:30	LUNCH & EXHIBITION VISIT			
AFTERNOON SESSION & CLOSING CEREMONY 13:30 - 16:30				
13:30-15:10	LECTURE HALL 1 (Salon A)	LECTURE HALL 2 (Salon B)	LECTURE HALL 3 (Salon C)	
	Concrete materials and technologies (Chaired by Prof. Wen-Cheng Liao & Dr. Hoang Vinh Long)	Concrete materials and technologies (Chaired by Prof. Takeshi Iyoda & Prof. Kwang Myong Lee)	Concrete materials and technologies (Chaired by Prof. Yizhou Zhuang & Prof. Takafumi Noguchi)	
15:10-15:30	COFFEE BREAK, POSTER SESSION & EXHIBITION VISIT			
15:30 - 16:30	Closing Ceremony			
	Closing Remarks			
	- Speech of VCA			
	- Speech of ACF			
- Announcement on ACF2018				

DAY 5: Thursday 3 Nov. 2016 - SITE VISITS

ACF2016 DETAILED PROGRAMME

Sunday 30 Oct. - Thursday 3 Nov. 2016
HANOI, VIETNAM

DAY 1: Sunday 30 Oct 2016 at JW Marriott Hotel Hanoi

Registration and Welcome Reception 10:00 - 18:30

9:00	ACF all-day meeting including EC, GA, TC/TB meetings
14:00	Registration at Reception Hall
19:30	Reception welcome dinner (invited delegates only, venue French Grill Restaurant, JW Marriott Hotel Hanoi)

DAY 2: Monday 31 Oct. 2016 at JW Marriott Hotel Hanoi

OPENING CEREMONY & MORNING SESSION 07:30 - 12:00 (Grand Ballroom- Salon 1, 2 & 3)

7:30 - 8:30	REGISTRATION
8:30	Brief Introduction
8:35	WELCOME (President of VCA): Vice Minister of Construction, Dr. Le Quang Hung
8:40	WELCOME (President of ACF): Professor Manyop Han
8:50	WELCOME (Minister of Construction): Mr. Pham Hong Ha
9:00	- Keynote 1: Importance of Asia and the Activity of ACF Professor Manyop Han, President of Asian Concrete Federation & Director of Korea Society of Civil Engineers
9:35	- Keynote 2: Sustainability in structural concrete, an argument to be seriously included in conceptual design Professor Hugo Corres Peiretti, President of FHECOR, Deputy President of <i>fib</i>
10:10	Coffee break - Poster session - Exhibition visit
10:25	- Keynote 3: Development of Earthquake-Resistant Design Requirements for Beam-Column Joints in Reinforced Concrete Structures Professor James K.Wight, University of Michigan, USA & Past President of ACI
11:00	- Keynote 4: Corrosion in reinforced concrete structures: cracking, durability, and service life Emeritus Professor Mark G Alexander, University of Cape Town, South Africa, Immediate Past President of RILEM
11:35	- Keynote 5: Vietnam Concrete on the way towards Sustainability Dr. Le Trung Thanh, Vietnam Concrete Association, Vietnam
12:10	Thank-you message to sponsors & offering souvenirs to sponsors
12:20	Group pictures on the stage & in the front of conferece's Grand Hall
12:30-13:30	LUNCH & EXHIBITION VISIT

DAY 2: Monday 31 Oct. 2016 at JW Marriott Hotel Hanoi

AFTERNOON SESSION 13:30 - 17:00 (Salon 1, 2, 3)

	LECTURE HALL 1 (Salon 1)	LECTURE HALL 2 (Salon 2)	LECTURE HALL 3 (Salon 3)
	Concrete materials and technologies (Chaired by Prof. Manyop Han & Prof. Nguyen Van Chanh)	Concrete structures (Chaired by Dr. Le Trung Thanh & Prof. Mike Schneider)	Admixtures for concrete (Chaired by Prof Adolf Bajza & Prof. Hiroshi Yokota)
13:30	<i>Invited speaker- Professor Caijun SHI (Hunan University, China) / UHPC - From Researches to Applications</i>	<i>Invited speaker- Professor Ueda Tamon (Hokkaido University, Japan) / Performance Assessment of Concrete Structures – General Approach for Damages under Combined Effects</i>	<i>Invited speaker- Professor S. Unčík (Slovak University of Technology, Slovakia) / Effect of SRA Admixture on the Shrinkage and Other Properties of Cement Composites</i>
14:00	Physical Properties And Thermal Cracking Risk Of Concrete Using Fly Ash Cement Under The Southeast Asia Environment / Yuji Mitani, Takuya Ohno, Katsuhiko Tada	Evaluation Of Size Effect In Bending Characteristics Of Dfrc Based On Bridging Law / Yuriko Ozu	Admixture For Workability-Intergrated Shrinkage-Reduced Concrete / J.S. Kim, B.S. Kim, K.Y. Park, C.Y. C
14:15	Mechanical Properties Of Fiber Reinforced Cementitious Composite With High Strength Matrix Above 400 N/Mm2 / Ryohei Yanagida, Takuro Nakamura, Katsuya Kono, Junichiro Niwa	Effect Of Fiber Types On Shear Performance Of Precast Concrete Beam-Column Joints Using Dfrc / Hiroshi Yamada, Mai Ando, Akira Yasojima, Toshiyuki Kanakubo	Effects Of Substitution Degree Of Methyl Cellulose On The Properties Of Tile Cement Mortars / Minseok Kang, Yunna Kim, Keunjae Lee, Nakwoon Choi
14:30	The Study Of Properties Geopolymer Mortar Containing Sugarcane Bagasse Ash And Rice Husk Ash / Apha Sathonsaowaphak, Pongsak Jittabut, Worrawut Khuensanthiar, Songkrod Foksanthia, Chitsanupong Kunto	A Study On New And Old Concrete Adhesion And Friction / Yusuke Ozeki, Kiyoshi Eguchi, Motoi Yamaha	Effectiveness Of Intelligent Polycarboxylate Superplasticizers In High Performance Concrete / Nguyen Van Chanh, Peter Siu
14:45	A Study On Frost Damage Mechanism Of Porous Concrete Incorporating Natural Zeolite / Natsuko Sagawa, Hidenobu Tokushige	Experimental Study On Concrete Filled Double Square Skin Tubular Columns Under Centric Loading / Kojiro Uenaka	Freeze-Thaw Resistance Of High And Ultra-High Performance Concretes Containing Rice Husk Ash / Viet-Thien-An Van
15:00	Research Of Ultra-High Performance Fiber Reinforced Concrete Structure In Bridge Application: Bridge For Two-Wheeler Vehicles, In Hau Giang, Vietnam/vehicles, In Hau Giang, Vietnam / Tran Ba Viet, Le Minh Long, Nguyen Trung Hoa	Study On Energy Absorption Characteristics Of Flexural Type Reinforcement Concrete Beam / Masaru Shimazu, Yutaka Matsumoto, Yang Liu	Lignosulfonate As Plasticizer For Cement: The Effect Of Type, Dosage, Time Of Addition And Clinker Mineralogy / Harald Justnes, Serina Ng
15:15-15:30	COFFEE BREAK, POSTER SESSION & EXHIBITION VISIT		
	Sustainability (Chaired by Prof. Marios Soutsos & Assoc. Prof. Tran Van Mien)	Maintenance, monitoring, repair and strengthening (Chaired by Prof. James K. Wight & Assoc. Prof. Nguyen Hung Phong)	Cracks in concrete structures (Chaired by Prof. Mark G Alexander & Assoc. Prof. Dinh Van Thuat)
15:30	<i>Invited speaker- Professor Somnuk Tangtermsirikul (Thailand) / Characteristics And Use of Fly Ash in Concrete in Some Asean Countries</i>	<i>Invited speaker- Professor Nguyen Viet Tue (Ganz University, Austria) / Repair and strengthening of existing structures with ultrahigh performance concrete</i>	<i>Invited speaker- Mr. David Millar (Concrete Institute of Australia, Australia) / New Recommended Practices in Concrete Durability</i>
16:00	Awareness Of Sustainability In Vietnam: An Investigation In The Construction Sector / N. T. Mai, N. T. Quan, and M. X. Minh	Study Of Monitoring Technique Of Hardening Process Concrete Using Electrical Conductivity / Maho Ota, and Takeshi Iyoda	Experimental Investigation Of Bond-Dependent Coefficient Of Glass Fiber Reinforced Polymer Bars. / Trung Hieu Nguyen
16:15	Probability-Based Durability Analysis Of High Strength Lightweight Aggregate Concrete Under Chloride Attack / Kwang-Soo Youm, Jiho Moon, and Jung J. Kim	Availability Of Cfrc Grid For Shear Strengthening Of Rc Beams / N.L. Vu, K. Uji and V.D. Tran	Long-Term Mechanical Performance Of Microbial Modified Concrete / N.T.H.Nguyen, M.P.Nghi, A.T. Nguyen-Phung, K.S.Nguyen
16:30	The Correlation Between Strength Of Hand Cut Pet Waste Fiber Cement Mortar And Co2-Emission Reduction / Nopagon Usahanunth, Pakpong Pochanart	Shear Strengthening Effect For Rc Beams By Using Pc Strands And Panels Reinforced With Stainless Bars / T. Nakamura, K. Tateishi, Y. Shinoda, Y. Oshima, and J. Niwa	Water Permeability Test Method For Cracked Concrete / Won Ho Bae, Sung Woo Kim, Kwang Myong Lee, Kyung Joon Shin
16:45	Determination Of Chloride Diffusion Coefficient Of Concrete Using The Results Of The Rapid Chloride Permeability Test / Pham Duy Huu, Dao Van Dinh	Case Studies On Chloride Transport Evaluation Of A Marine Concrete Bridge With The Locations For Members / Sihyun Park, Hyunwoo Kim, Dongwoo You	Water Permeability Of Concrete Under Uniaxial Loading / Tran The Truyen, Ho Xuan Ba, Hoang Viet Hai, Le Ba Anh.

18:30 Gala Dinner & 20th Anniversary of Vietnam Concrete Association - Traditional Music Performance (Grand Ballroom- Salon 1&2, JW Marriott Hotel)

DAY 3: Tuesday 1 Nov. 2016 at JW Marriott Hotel Hanoi

MORNING SESSION 08:00 - 12:00 (Salon A, B, C, Event 2)

	LECTURE HALL 1 (Salon A)	LECTURE HALL 2 (Salon B)	LECTURE HALL 3 (Salon C)	LECTURE HALL 4 (Event 2)
	Maintenance, monitoring, repair and strengthening (Chaired by Prof. Nguyen Viet Tue & Assoc. Prof. Nguyen Thanh Sang)	Concrete structures (Chaired by Prof. Ueda Tamon & Dr. Tung Khuc)	Concrete materials and technologies (Chaired by Prof. Somnuk Tangtermsirikul & Dr. Le Trung Thanh)	Special Session JCI-KCI Joint session for Fire Resistance Concrete (Chaired by Prof. Gyuyong KIM & Prof. Mitsuo Ozawa)
8:00	<i>Invited speaker- Professor Subhajit Saraswati (Jadavpur University, India) / Performance assessment of compressive strength of concrete - an engineering approach</i>	<i>Invited speaker- Professor Baochun Chen (Fuzhou University, China) / Development and application of concrete arch bridges in China</i>	<i>Invited speaker- Professor Mike Schneider (ACI) / ACI Certification – A Tool for the Concrete Industry to Improve the Quality of Concrete Construction</i>	Evaluation On Strain Behavior Of High Strength Concrete Under Elevated Temperature And Loading Condition / Gyuyong Kim, Gyeongcheol Choe, Minho Yoon, Euichul Hwang
8:15				Evaluation On Spalling Properties Of Concrete With Pp Fiber And Fireproof Coating / G. C. Choe, G. Y. Kim, M. H. Yoon, J. C. Yoo and T. G. Lee
8:30	Effects Of Electrical Current Application On Calcium Silicate Hydrates In Various Cement Pastes / Nguyen Thi Hai Yen, Hiroshi YOKOTA, and Katsufumi HASHIMOTO	Seismic Performance Of Steel Fibers Coupling Beams Applied Bundled Diagonal Reinforcement / Khai Mai Quang, Minah Song, Kihak Lee	A Study On Understanding The Hydration Reaction Of Blast Furnace Cement Focus On The Amount Of Water Consumed / Takeshi Iyoda, Takahiro Kameyama And Yoko Harasawa	Mechanism For Reducing Explosive Spalling Of Ultra High Strength Concrete Getting Fiber With Melting Rate Control / Taegyul Lee, Gyuyong Kim, and Gyeong Choeul Choe, Min Ho Yoon
8:45	Study On Uhpfc Overlay In Orthotropic Bridge Deck In Vietnam / Dang Van Sy, Pham Duy Huu, Tran Viet Hung	Combining Multiple Ndt Techniques To Improve Concrete Properties Evaluation / Ngoc Tan NGUYEN, Zoubir Mehdi SBARTAÏ	Effect Of Rising Temperature On The Durability Of Cement-Based Materials Exposed To Sulfate Environments / S.T.Lee, K.P.Park, S.H.Park, H.E.Kim, J.P.Kim And S.W.Ha	Effect Of The Moisture Movement On The Spalling Of Hpc Under High Temperature / Taku Koyama, Sungchul Bae, Masakazu Tamura, Manabu Kanematsu
9:00	Effectiveness Of Recycled Nylon Fiber As A Reinforcing Material In Mortar / ORASUTTHIKUL Shanya, UNNO Daiki, YOKOTA Hiroshi, and HASHIMOTO Katsufumi	Shear Performance Of Rc Footing Beams By Cap-Tie System Using Welded Stirrups / Moeko Kakegawa, Toshiyuki Kanakubo, Tateyoshi Okada, Tatsuya Takahashi	Characteristics Of Hybrid Fiber Reinforced Concrete Using Amorphous Steel Fiber And Organic Fiber / Soon-Oh Kwon, Su-Ho Bae, Hyun-Jin Lee1, Yo-Seb Kim, Jin Jun, And Wha-Jung Kim	Study On The Degradation Diagnosis Method Of Fire Damaged Concrete Structures. (Part1 Degradation Depth Estimation Of Fire Damaged Concrete Structure By The Borehole Point Load Test.) / Haruhata Masakazu, Sarai Yoshinori, and Ikeda Kenichi
9:15	Feasibility Study Of Pull-Off Bond Test Of Polyurea Resin As A Waterproofing And Corrosion Prevention Material For Concrete Structures / K.H. Hwang, S.R. KIM, and Y.G. KIM	Influence Of Some Key Factors On Coefficient Of Thermal Expansion Of Roller Compacted Concrete In Viet Nam / Nguyen Thi Thu Nga, Pham Huy Khang, Vu Quoc Vuong	Chemical Shrinkage Model Of Uhpfc Using Microstructure Developments / Bach Quoc Si	Study On The Degradation Diagnosis Method Of Fire Damaged Concrete Structures. (Part2 Estimation Of The Deterioration Area Of Fire Damaged Concrete Structures By The Non-Destructive Test.) / Yamane Masao, Haruhata Masakazu, and Ikeda Kenichi
9:30	Diffusion Of Moisture And Chloride Ion In Repaired Concrete Subjected To Complex Deterioration Factors / Yunmi Kim, Tomoko Fukuyama, Takuya Hasegawa, Osamu Senbu	Load And Deflection Recovery Capacities Of Psc Girder With Unbonded Ps H-Type Steel / Jong-Wook Kim, Jang-Ho Jay Kim, Tae-Kyun Kim, and Chi-Won Lee	Effects Of Internal Curing With High-Volume Roof Tile Waste On Compressive Strength And Porosity Of Fly Ash Concrete / P.T. Bui, Y. Ogawa, K. Nakarai, K. Kawai And R. Sato	Effects Of Curing Ages On Spalling Failure Under Ring Restraint Test Of High Strength Concrete During Fire / Mitsuo Ozawa, Kota Akashi, Ryota Kamata Toru, Tanibe, S.P. Sirjana
9:45	Research Design Uhpfc Bridge With HI93 Load At The Vietnam Township / Nguyễn Trung Hòa, Tran Ba Viet, Le Minh Long;	Bond Stress-Slip Behavior Between Cfrp Plate And Concrete With Polyurea Soft Layer System / Rifadli Bahsuan, Shinichi Hino, Takahiro Ohgi, Atsuya Komori	Market And Applications Of Ground Granulated Blast Furnace Slag In Taiwan / Chih-Yu Chen	Evaluation Of Fire-Performance By Cone-Calorimeter Tests And Thermal Conductivity Of Polymer-Modified Mortars And Various Concretes / Sanjay Pareek
10:00-10:15	COFFEE BREAK, POSTER SESSION & EXHIBITION VISIT			

DAY 3: Tuesday 1 Nov. 2016 at JW Marriott Hotel Hanoi

MORNING SESSION 08:00 - 12:00 (Salon A, B, C, Event 2)

	LECTURE HALL 1 (Salon A)	LECTURE HALL 2 (Salon B)	LECTURE HALL 3 (Salon C)	LECTURE HALL 4 (Event 2)
	SIP special session - Latest technologies on infrastructure management (Chaired by Professor Hiroshi Yokota)	Sustainability (Chaired by Mr. David Millar & Assoc. Prof. Vu Quoc Vuong)	Cracks in concrete structures (Chaired by Prof. Hugo Corres & Prof. Chung-Chia Yang)	Special Session of Professor MooHan KIM (Chaired by Professor Gyuyong KIM)
10:15	A Proposal Of Installation Of Simple System For Monitoring Damaged Bridges In Myanmar / Liyanto Eddy, Koji Matsumoto, Kohei Nagai, Takeshi Miyashita, Zin Naung Htun.	<i>Invited speaker- Professor Marios Soutsos (Queen's University Belfast, UK) / Recycled demolition aggregate – Developments during the last 15 years in THE North West of England</i>	<i>Invited speaker- Professor Yagaanbuyant Duinkherjav (Mongolian Concrete Association, Mongolia) / The comparative study of fire resistance design methods of reinforced concrete structures</i>	Engineering Properties Of Hprfcc Depending On Various Fiber Contents And Erco / Jea Hyeon Lee, Cheon Goo Han, Man Ki Jo
10:30	Ecological Durability Design For Rc Bridge Deck In Cold Regions / Yasushi Tanaka, Tetsuya Ishida, Ichiro Iwaki And Kazunori Sato			Chemical Stability Of Dry-Processed Bottom Ash As A Concrete Aggregate / Jinman, Kim, Dongweon Lee, Mao Li, Sunkyu Park
10:45	Decision Making On The Optimal Inspection Frequency Based On Actual Inspection Data / Yohei Ninomiya, Kiyoyuki Kaito, Kiyoshi Kobayashi	Durability Of Concrete Using Steel Slag Aggregate In Acid Environment / Tran Van Mien, Dang Thi Thuy Hang, Ton Nu Phuong Nhi	A Temperature-Dependant Damage Model For Compressive Load-Response Estimation Of Concrete / W. Ben Hassine, O. Limam	Washout Resistance Evaluation Of Waterproofing Materials Applied In Underground Structure Leakage Areas / Y.J. Han, S.Y. Kim, B.Kim, and S.K. Oh
11:00	Inspection Of A Lap Splice In Structures Using A Combination Of Covermeter And Gpr / Pongsak Wiwatrojjanagul, Raktipong Sahamitmongkol, Somnuk Tangtermsirikul	A Study On Effects Of Silica Fume And Fly Ash On Strength Characteristics And Sulphate Resistance Of Cement Concrete / Ho Van Quan, Pham Duy Huu And Nguyen Thanh Sang	Influence Of Initial Defect Of Concrete Due To Bleeding On Chloride Ingress In Rc Member / Nguyen Thi Hien, Takumi Shimomura	Degradation Analysis Of Exposed Urethane Waterproofing Materials In Concrete Structures Using Nano-Indentation / V.H. Phu, M.J. Kim, B.Kim, S.K. Oh
11:15	Multi-Scale Fatigue Simulations Of Rc Bridge Slabs Subjected To Asr Expansions / Yuya Takahashi, Yasushi Tanaka, Koichi Maekawa	Experimental Ct Imaging Verification For Non-Uniform Frost Damage Simulation Of Concrete In Mesoscale / Zhao Wang, Yi Wang, Dawei Zhang, Tamon Ueda	Maintenance Planning Of Multiple Pre-Stressed Concrete Girders / Rany Hak, Krit Sukprasit, Pakawat Sancharoen, Somnuk Tangtermsirikul	Strength Properties Of Cement Extruding Product With Waste Concrete Powder As Filler / Jeaseong, Yu, Jisoo Hyun, Sungyu Park, Sunmi, Choi, Dongwon Lee, And Jinman, Kim
11:30	Signal Processing For Automatic Bridge Slab Damage Detection By Using Fast Scanning Non-Contact On-Vehicle Radar / Tsukasa Mizutani, Nagisa Nakamura, Takahiro Yamaguchi, Minoru Tarumi, And Yusuke Ando	Using Super-Sulfated Cement For Concrete Durability In Marine Environment / K.S. Nguyen (Nguyen Khanh Son), T. H. Nguyen Ngoc, A.T. Nguyen Phung, H.K. Chai, N. Chijiwa, M. Iwanami, N. Otsuki	Reduction Of Shrinkage Cracking In Reinforced Concrete Due To The Inclusion Of Steel Fibres / Truong Nam Son, Nguyen Van Chanh, Nguyen Huu Thang	Influence Of Projectile Nose Shape On The Fracture Property Of Concrete Subjected To High-Velocity Impact / Hongseop KIM, Gyuyong KIM, Jeongsoo NAM, and Yasuji SHINOHARA
11:45	Maintenance Management For Road Bridge Infrastructure: The Current State In Thailand And Myanmar / Toshiki Sasaki, M. Henry, K. Matsumoto, K. Nagai, H. Yokota	Feasibility Study On Nano-Silica As Hydrate Stabilizer In Calcium Aluminate Cement / H.M. Son, S.M. Park, J.G Jang, And H.K Lee	Study Of Possible Causes Of Premature Cracking Of Sleepers In Indian Railways / Anupam Awasthi, Kohei Nagai, Shingo Asamoto, Seishi Goto	A Study On The Mock-Up Test For Quality Control Of Floor Slab Concrete According To Curing Method Under Hot Weather / Sangchul Shin, Tomoyuki Koyama, Korekiyo Ito

12:00 - 13:30

LUNCH & EXHIBITION VISIT

DAY 3: Tuesday 1 Nov. 2016 at JW Marriott Hotel Hanoi

AFTERNOON SESSION 13:30 - 17:00 (Salon A, B, C, Event 2)

	LECTURE HALL 1 (Salon A)	LECTURE HALL 2 (Salon B)	LECTURE HALL 3 (Salon C)	LECTURE HALL 4 (Event 2)
	Concrete materials and technologies (Chaired by Prof. Caijun SHI & Assoc. Prof. Nguyen Van Tuan)	Concrete structures (Chaired by Prof. Benjamin Lumantarna & Dr. Ha Minh)	Admixtures for concrete (Chaired by Prof. S. Unčík & Prof. Etsuo Sakai)	Special Session of Professor MooHan KIM (Chaired by Professor Gyu Yong KIM)
13:30	Design Of Innovative Boat Using Ultra High Performance Polypropylene Fiber Reinforced Concrete (Uhpfr) / Harianto Hardjasaputra, A. Gerung, J. Widjajakusuma, M. Ernest	Field Test And Numerical Simulation Of Long Term Deflection Of Rc And Pc Beams / Takumi Shimomura, Toru Shiga, Tetsuo Abe	Study On Prevention For Salt Damage Using Ca2 And Expansive Admixture Applying Different Cement Type / Takafumi Ito, Shinya Ito, Minoru Morioka, Takeshi Iyoda	Fireproofing Properties Of Mortar Using Dry Bottom Ash As Fine Aggregate / Hongbeom Choi, Jinman Kim, Mao Li, Kunmao Li, Hwandae Jeong And Jasul Koo
13:45	Self-Curing Structural Lightweight Aggregate Concrete With High Fly Ash Content In The Tropical Climate Condition / Nguyen Duy Hieu, Truong Thi Kim Xuan	Comparative Study Of Fire Resistance Design Methods Of Reinforced Concrete Structures / Yagaanbuyant Duinkherjav	Performance Of Controlled Low Strength Material With Circulating Fluidized Bed Combustion Ash / Maochieh Chi, Ran Huang, Huiming Hsu	Strength Properties Of Matrix Using Blast Furnace Slag, Circulating Fluidized Bed Combustion Fly Ash And Bypass Dust / Yong Lee, Tae-Hyeon Kim, Weon-jeong Kim, Sang-soo Lee
14:00	Effect Of Aggregate Volume Fraction And Water Binder Ratio On The Abrasion-Erosion Of Concrete / S. W. Cho, Y. W. Liu, Y. W. Chan, C. C. Yang	Axial Load Transfer Mechanism Of Concrete Pile With Enlarged Head / Yusuke Homma	Characteristics Of Concrete Using Nitrite-Based Accelerator And Chemical Admixtures In Low-Temperature Environments / Miwa Iwasawa, M. Inoue, H. Choi, Y. Sudoh, And K. Ayuta	Mechanical Properties Of Matrix Using Absorbent Materials / Seung-ho Lee, Oh-han Kwon, Heon-tae Kim, Sang-soo Lee
14:15	Properties Of Ultra-High Performance Cementitious Composite Incorporating Hybrid Micro-Nano Fibers / S. N. Raman, J. G. L. Lim, S. N. Raman, R. Hamid, M. F. M. Zain, And F. C. Lai	Hybrid System Of Aramid Fiber Reinforced Concrete Beams With Different Aspect Ratios And Shapes Of Fiber / Ly Chan, Ganchai Tanapornraweekit, Pitcha Jongvivatsakul, and Somnuk Tangtermsirikul	Experimental Study On Strength And Workability Of Cement Materials Using Magnesium Silicate Hydrate Binder System / H.M. Tran, A. Scott	Efflorescence On Alkali-Activated Slag-Red Mud Cement Mortar According To Red Mud Content / Hyeju Kang, Sukpyo Kang
14:30	New Technology In Lach Huyen Port Infrastructure Construction Project (Road And Bridge Portion) And Nhat Tan Bridge Project / H. Yamaji, S. Yanase, T. Kurokawa	Development Of Rebar Corrosion Expansion Model Based On 3D Rbms Simulation / Punyawut Jiradilok, Kohei Nagai, Koji Matsumoto And Liyanto Eddy	Thermogravimetric Analysis For Self-Healing Products Based On Mineral Admixtures / Sungwoo Oh, Young Cheol Choi, Sang Hwa Jung, Seung Heon Lee	Substrate Behavior Stability Testing Of Modified Asphalt Polymer Waterproofing Repair Material Used In Underground / K.H. Oh, Y.J. Han, S.Y. Choi, B.I Kim, S.R. Kim, and S.K. Oh
14:45	The Segregation Simulation Of Concrete Using Moving Particle Simulation Method / Y. Uehara, Y. Yamada, K. Sakihara, And S. Urano	The Shear Band Concept For Reinforced Concrete Members Without Transverse Reinforcement / N.V. Tue, N.D. Tung	Application Of A Simple Evaluation Method For Steam Cured Expansive Concrete / Kenichiro Nakarai, Yu Sasaki, Hideaki Karasawa, Yuji Tadokoro, Masato Tsujino	
15:00-15:15	COFFEE BREAK, POSTER SESSION & EXHIBITION VISIT			

DAY 3: Tuesday 1 Nov. 2016 at JW Marriott Hotel Hanoi

AFTERNOON SESSION 13:30 - 17:00 (Salon A, B, C, Event 2)

	LECTURE HALL 1 (Salon A)	LECTURE HALL 2 (Salon B)	LECTURE HALL 3 (Salon C)	LECTURE HALL 4 (Event 2)
	Concrete materials and technologies (Chaired by Assoc. Prof. Nguyen Van Chanh & Prof. Kenichi Imagawa)	Concrete structures (Chaired by Prof. Subhajit Saraswati & Dr. Phan Huu Duy Quoc)	Maintenance, monitoring, repair and strengthening (Chaired by Prof. Benjamin Lumentarna & Prof. Sandeep Chaudhary)	Other topics in related to concrete materials and structures (Chaired by Prof. Baochun Chen & Prof. Masao Yamane)
15:15	Crack Self-Sealing Behavior In Cementitious Materials Using Different Superabsorbent Polymer Types And Dosages / G. Hong, Y.C. Choi, And S. Choi	Flexural Behavior And Energy Absorption Of Carbon Frp Reinforced Concrete Beams / Nguyen Huu Thang, Truong Nam Son, Nguyen Van Chanh	Experimental Study On Seismic Performance Of Rc Columns Wrapped By Continuous Fiber Sheet With Hydraulic Resin / Ryouta Kasakura, Toshiyuki Kuroiwa, Masamitsu Suzuki, Masaru Okamoto	Effect Of Coarst Particles On The Yield Stress Of Cement Paste: A Modified Micromechanical Approach / Vu Thai Son
15:30	Effects Of Electromagnetic Field On Concrete Pumping / Myoungsung Choi, Yu Seung Kim, Young Jin Kim	Flexural Behavior Of Reinforced Concrete Beams With Recycled Coarse Aggregate / I.H. Yang, K.C. Kim, S.K. Ahn and J. H. Lee	Uniaxial Compressive Performance Of Rc Columns With Simulated Cracks Due To Corrosion / T.Mogawa, T.Kanakubo, A.Yasojima, M.Oyado	Fundamental Study On Dielectric Relaxation Characteristics Of Concrete / FUKUYAMA Tomoko, OKAMOTO Yuki, HASEGAWA Takuya, and SENBU Osamu
15:45	Research On The Influence Of High Temperature For The Strength And Thermal Expansion Coefficient Of Glass Fiber Concrete / Wei Chien Wang, Shao Yu Wang, Cheng Hsun Lin	Statistical Property Of Shear Strength For Psc Girders Of Sc 180F / J. Jeong, H. Kim, G. Jeong, C. Joh, and I. Paik	Analysis Of Deflection Using Stress And Temperature Data Of Fcm Bridge / Hyun-Joong Kim , Deajoong Moon, Soonsung Nam	A Study On Carbonation-Resistant Properties Of Fly-Ash Concrete By Accelerated Test / Kenichi Imagawa, Yoshitaka Ishikawa, Akio Koyama
16:00	Strain Hardening Geopolymer Composites / Behzad Nematollahi, Jay Sanjayan	A Research On M- F Relationships For Section Of Reinforced Concrete Beam By Fiber Method / T.H. Tran, A.T.Le, A.Q.Vu	Analytical Evaluation Of 2-Way Psc Panel Behavior Under Impact-Fire Combined Loading / Seung-Jai Choi, Tae-Hee Lee, Jang-Ho Jay Kim, and Keun-Joo Byun	Evaluation Of Friction Coefficient Of Post-Tensioning System Using Smart Strand / Se-Jin Jeon, Sung Yong Park, Sang-Hyun Kim, Sung Tae Kim, Younghwan Park
16:15	Cares Sustainable Construction Steel Certification Scheme / Ayhan Tugrul, Dave Knight	Behavior Of Reinforced Concrete Slab-Column Connections Reinforced With Headed Shear Studs Under Simulated Gravity Loading / Thai X. Dam, James K. Wight, Gustavo J. Parra-Montesinos	Seismic Retrofitting Of Reinforced Concrete Buildings Using Steel Panel With Ductile Shear Link For Energy Dissipation / Murat Dicleli, Cengizhan Durucan	The Chemical Changes Of Cement Paste With Silicate-Based Surface Penetrants / Jihoon Kim and Ryoma Kitagaki
16:30	Application Of Of Concrete Arch Bridges In China / Chen Baochun, Lin Shangshun, Chen Guodong, And Zhuang Yizhou	Shear Strength Evaluation Of Post-Tensioned Connection Between Concrete And Cast Iron Plate With Shear-Key / Yusuke Maida, Kiyoka Kinoshita, Hiroyasu Sakata, Kazushi Shimazaki, Nobuyuki Izumi, Eiichiro Saeki	Experimental Study On Flexural Strengthening Of One-Way Reinforced Concrete Slabs Using Carbon And Glass Fiber Reinforced Polymer Sheets / Manh Hung Nguyen, Thuy Duong Tran	Simplified Method For Evaluating Lateral Behavior And Stabilitby Of A Beam / Jong-Han Lee, Baiksoon Cho, and Ilker Kalkan
16:45	Mix Design For Low Calcium Of Fly Ash Base Geopolymer Concrete / Tran Viet Hung, Dao Van Dong, Nguyen Ngoc Long	Tensile Strength Property Of Slurry Infiltrated Hprcc With Respect To Fiber Volume / Jangyong Lee, Myeongjung Kim, Seungwon Kim, Cheolwoo Park	Durability And Application Of High Performance Concrete In Bridge Construction In Viet Nam / K.C. Thái, T.V Quyet	Influence Of Different Curing Schemes On Compressive And Flexural Strength Of Neutral Sodium-Salt Alkali-Activated Fly Ash Cement / Can-Qiang Wang, Tao Ji, Zhi-Geng Ye, Bao-Chun Chen, Jun-Ping Liu, Jia-Zhan Su

DAY 4: Wednesday 2 Nov. 2016 at JW Marriott Hotel Hanoi

MORNING SESSION 08:00 - 12:00 (Salon A, B, C)			
	LECTURE HALL 1 (Salon A)	LECTURE HALL 2 (Salon B)	LECTURE HALL 3 (Salon C)
	Concrete materials and technologies (Chaired by Prof. Subhajt Saraswati & Prof. Jihoon Kim)	Maintenance, monitoring, repair and strengthening (Chaired by Prof. Mark G. Alexander & Prof. Jong-Han Lee)	Concrete materials and technologies (Chaired by Prof. Takeshi Iyoda & Prof. Somnuk Tangtermsirikul)
8:00	Experimental Research On Effect Of Water-Cement Ratio On Concrete Shrinkage Strain In Vietnam'S Warm-Wet Climatic Condition / Ngoc Binh Nguyen, Thi Thanh Thuy Nguyen, Trung Hieu Nguyen	Distribution Characteristics Of Concrete Strength In Existing Concrete Buildings Built Before 1950S In Japan / Kiyofumi Nakada, Takafumi Noguchi	Effects Of Early Age High Temperature And Roof Tile Waste Aggregate On Shear Strength Of Rc Beams Using Slag Cement / Koki Kawabata, Akihiro Fujiyama, Macharia M.Mwangi, Yuko Ogawa, Kenji Kawai And Ryoichi Sato
8:15	A Study On High Strength Lightweight Aggregate Concrete / Chi Thuy Dang, Huu Duy Pham, Ha Thanh Le, Eric Garcia-Diaz	Durability Of Bond Between Near-Surface-Mounted Cfrp Strips And Concrete Under Several Environmental Actions / P. Fernandes, J. Sena-Cruz, J. Xavier, P. Silva, Eduardo Pereira	Influence Of Preheated Materials And Thermogenetic Admixtures On The Properties Of Self-Cured Geopolymer Paste / K.T. Nguyen, T.A. Le, K.P.A. Vo And K.H. Lee
8:30	Modeling Reaction Degree Of Binder Paste In Uhpcc Using Microstructure Developments / Bach Quoc Si	Resistance Of Calcium Aluminate Cement Concrete To Sulfuric Acid / Sang Ah Lee, Joon Woo Park, Hee Jun Yang, and Ki Yong Ann	Experimental Study On The Enhancement In Concrete Due To The Ultra-Fine Particles / Ahmed Abubakar Jariwala, Sunil Jaganiya, Pritesh Rathod., Sunil Jaganiya, Pritesh Rathod
8:45	Effects Of Aluminiates On The Thaumate Formation In Cement Pastes / Yujia Zheng, Changhui Yang	Torsional Behaviour Of Reinforced Concrete Beams Strengthened Using Cfrp Sheets / Trung Hieu Nguyen, Tran Cuong Ly	Evaluation Of The Potential Segregation Of Cement Grouts Under Shearing / Quoc Gia Hoang, Quoc Vuong Vu
9:00	Identification Of Constitutive Law For Concrete-Pcm Interfacial Bonding Under Elevated Temperature / Shuki Miura, Tamon Ueda, Dawei Zhang	Crack Width Control – Verification Of The Deformation Compatibility Vs. Covering The Cracking Force / Nguyen Viet Tue, Dirk Schlicke	Implementation Of Highly Flowable Strain Hardening Fiber Reinforced Concrete (Hf-Shrc) To New Rc Bridge Columns / Wen-Cheng Liao, Chih-Chiang Yeh
9:15	Evaluating The Durability Assessment Of Cementitious Materials Under Sulfate Attack / Ahmad Basshofi Habieb, Georges Massaad, Emmanuel Roziere	Simple Estimation Method Of The Crack Density In Frost Damaged Concrete / Atsuhiko Tsuzuki, Takuya Hasegawa, Osamu Senbu, Tomoko Fukuyama	Experimental Study On Time And Speed Level Of Phc Pile Centrifugal Compaction / Jeyoun, Park, Sung-Wook, Hwang, Young-Shik, Park
9:30	Preparation Of Calcium Sulphoaluminate Cement From From Bauxite/Red Mud Of Tan Rai-Lam Dong / Nguyen Khanh Son, T. H. Nguyen Ngoc, A.T. Nguyen Phung, Q. M. Do	Evaluation Of Displacement Coefficient Method For Reinforced Concrete Buildings With Various Ductility Capacities / Murat Dicleli, Cengizhan Durucan	Influences Of Calcining Conditions On Mechanical Properties And Durability Of Mortar With Rice Husk Ash / Chun-Tao Chen, Yung-Lin Yen, Pei-Hua Chen
9:45	Influence Of Moisture State Of Recycled Fine Aggregate On Impermeability Of Concrete / Y.Z. Zhuang, Y. Yang, Y.N. Liang, T. Ji and Y.Y. Chen	Studies On Fly Ash-Blast Furnace Slag Based Geopolymer Mortar / Tien-Dung Nguyen, Manh-Tuan Nguyen	Poyatos Equipment For Non-Fired Bricks Production: Practical Solutions And Learning From Real-Life Examples. / Ms. Anastasia Vinogradova
10:00-10:15	COFFEE BREAK, POSTER SESSION & EXHIBITION VISIT		
	Concrete materials and technologies (Chaired by Prof. Nopagon Usahanunth & Assoc. Prof. Nguyen Thanh Sang)	Concrete materials and technologies (Chaired by Prof. Hyeongmin Son & Assoc. Prof. Vu Quoc Vuong)	Other topics in related to concrete materials and structures (Chaired by Prof. Yagaanbuyant Duinkerjav & Prof. Yasushi Tanaka)
10:15	Generalised Effective Medium Approximation For Modelling Rheological Behaviour Of Cement Paste Based Material / Tran Bao Viet, Nguyen Thi Huong Giang, Hoang Viet Hai	Autogenous Shrinkage Properties Of Alkali-Activated Slag Mortar Incorporating Superabsorbent Polymer / C. Song, Y.C. Choi, And S. Choi	An Experimental Study On Torsional Stiffness Of Reinforced Concrete Slab / Mai Chi Trung Nguyen, Phu Tinh Pham, Ngoc Luu Vuong
10:30	Strength And Carbonation Study On Fly Ash Based Geopolymer Mortar / Salmabanu Luhar, Suman Choudhary, Dr. Sandeep Chaudhary	Patching Of Pavement Using Mgo-Based Ceramic Cement / Joon Woo Park, Sang Ah Lee, Young Hee Jung	Comparison Of Stress Intensity Factor Of Concrete From Bending Test Using Mechanoluminescent Paint / Seong Kyum Kim, Joon Woo Park, Jun Pil Hwang, and Ki Yong Ann
10:45	A Study On Waste Glass As A Parial Replacement For Cement / Hyeonggi Lee, Hongseob Oh, Goangseup Zi, Jongsung Sim	A Study On Chloride Penetration In Repaired Concrete After Repair With Crystalline Material And Fly Ash Concrete / L. Prak, T. Sumranwanich, and S. Tangtermsirikul	Experimental Study On Shear Behavior Of Concrete Beams With Gfrp Shear Reinforcements / Nguyen Hung Phong, Nguyen Viet Dung
11:00	Pbd Based Mix Design Method In Korea / Jang-Ho Jay Kim, Phan Duc Hung, Tae-Kyun Kim And Dal-Hun Yang	Influence Of Rebar Corrosion By Chloride And Carbonation Of Mortar Surface Strain / Satoshi Maehara, Masanori Ito, Takeshi Iyoda	Experimental Study Of Composite Steel-Concrete Walls Reinforced By Several Fully Encased Steel Profiles / V.T. TRAN, Q.H NGUYEN, M. HJIAJ, L.T MAI and T.H NGUYEN
11:15	Study On Spun High Strength Concrete / Kazumasa Suga	The Influence Of Supplementing Crimped, Enlarged Ends, And Irregular Wire Fibers On Strength, Split Tensile Strength And Absorption / Rahmi Karolina, Syahrizal, Alexis Alfred Mangisi Malau	Research And Development Of Ultra High Performance Concrete From European Countries To Vietnam / Le Trung Thanh, Nguyen Van Tuan, Viet-Thien-An Van, Nguyen Cong Thang
11:30	Using Rcpt Determine The Chloride Migration Coefficient To Assess The Durability Of Concrete / Chung-Chia Yang, Kang-Shiun Huang	Strength Properties Of Matrix Using Blast Furnace Slag, Circulating Fluidized Bed Combustion Fly Ash And Bypass Dust / Lee Yong, Sangsoo Lee	Blast Furnace Slag Used In High-Performance Concrete For Structures In The Marine Environment / Tien-Dung Nguyen, Pham Huu-Hanh, Luu Van-Sang
11:45	Effect Of Using Waste Glass Powder In Concrete As Partial Replacement Of Cement / Gunalaan Vasudevan	Some Problems Concerning Concretes Used In Bridge Construction In Viet Nam / Pham Duy Huu, Tran The Truyen, Pham Duy Anh	Application Of Taguchi Method For Optimization Of Flexural And Compressive Strength Of Sand Concrete / Nguyen Tan Khoa, Thai Minh Quan, Nguyen Viet Thanh, And Nguyen Thanh Sang
12:30 - 13:30			
LUNCH & EXHIBITION VISIT			

DAY 4: Wednesday 2 Nov. 2016 at JW Marriott Hotel Hanoi

AFTERNOON SESSION (Salon A, B, C) & CLOSING CEREMONY (Junior Ballroom- Salon A, B & C) 13:30 - 16:30

	LECTURE HALL 1 (Salon A)	LECTURE HALL 2 (Salon B)	LECTURE HALL 3 (Salon C)
	Concrete materials and technologies (Chaired by Prof. Wen-Cheng Liao & Dr. Hoang Vinh Long)	Concrete materials and technologies (Chaired by Prof. Takeshi Iyoda & Prof. Kwang Myong Lee)	Concrete materials and technologies (Chaired by Prof. Yizhou Zhuang & Prof. Takafumi Noguchi)
13:30	Investigation On Properties Of Concrete Using Recycled Glass Aggregates / Yong Lee, Tae-Hyeon Kim, Weon-jeong Kim, Sang-soo Lee	Chloride Ion Penetration Resistance Of High Performance Segment With Respect To Substitution Ratio Of Ggbs / Seungwon Kim, Ashesh Pokhrel, Yongjae Kim, and Cheolwoo Park	Light Emotion Friendly Concrete / Byoungi Kim, Sang-Keun Oh
13:45	Mechanical Properties Of Lightweight Aggregates Concrete Made With Cameroonian Volcanic Scoria / Willy JUIIMO, Toufik CHERRADI, Larbi ABIDI	A Study On Workability And Compressive Strength Of Concrete Containing High Loi Fly Ash / Parnthep Julnipitawong, Youphalath Phethany, Parnthep Julnipitawong, Warangkana Saengsoy, Somnuk Tangtermsirikul	Study For Practical Use Of Fly Ash In Mass Concrete Structure In Singapore / Katsuhiko Tada, Joseph S. H. Lim, Logendran Doraipandian, Yuji Mitani, And Takuya Ohno
14:00	Influencing Factors On Filling Coefficient Of Hydraulic Cylinder In Concrete Pump / Chankyu Park, Jaehong Jeong, Kyungpil Jang, Seunghee Kwon	Microstructure And Compressive Strength Of High Volume Low Calcium Fly Ash Cement Paste And Concrete With Circulating Fluidized Bed Combustion Fly Ash / H. A. Nguyen, T.P. Chang, J. Y. Shih, And C. T. Chen	Application Of In-Situ Mixing Hydration Accelerator On Polymer-Modified Concrete For Bonded Concrete Overlay / Seung Woo Lee, Kim Young Kyu, Hong Ki
14:15	Investigating The Properties Of Foam Concrete Incorporating Polyvinyl Alcohol Fibers / Nguyen Nhu Quy, Vu Hai Nam, Dinh Van Toan	Influence Of Placing Method Considering Fiber Orientation To Bending Characteristics Of Dfrc / K. Watanabe, Y. Ozu, M. Miyaguchi, And T. Kanakubo	Retarding Properties Of Mortar Using Boron Compound / B. Lee, J. S. Lee, J. Min, S. M. Han
14:30	Classification Of Alkali Activated Slag Mortar According To Most Suitable Activator Usage / Thamara Tofeti Lima, Joon Woo Park, Jung Young Hee And Ki Yong Ann	A Time-Dependent Model For Predicting Chloride Penetration Profiles In Fly Ash Cementitious Systems. / A. Kijjanon1, T. Sumranwanich2, and S. Tangtermsirikul	Development Of Fly Ash Blended Cement With High Alite Clinker / Norrarat Siribudhaiwan, Yutaka Aikawa, Shigeyoshi Miyahara and Etsuo Sakai
14:45	Shrinkage Of Autoclaved Aerated Concrete Under Various Temperature And Relative Humidity Conditions / Nguyen Trong Lam, Shingo Asamoto	Modelling Of Exterior Beam-Column Connections Retrofitted With Cfpr / Hoang Dang, Kihak Lee	Effect Of Zeolite On Autogenous Shrinkage Of Ultra-High Performance Concrete / Nguyen Van Tuan, Nguyen Cong Thang, Pham Huu Hanh, Tran Thi Yen
15:15-15:30	COFFEE BREAK, POSTER SESSION & EXHIBITION VISIT		
15:30	CLOSING CEREMONY (Junior Ballroom- Salon A, B & C)		
15:45	- Speech of VCA		
16:00	- Speech of ACF		
16:15	- Annoucement on ACF 2018		

DAY 5: Thursday 3 Nov. 2016 - SITE VISITS

8:30	Coach from JW Marriott hotel Hanoi Transfer to visit "Nhon - Hanoi train station" urban railway project Visit ongoing construction site of a high rise building
	LUNCH
13:00	Coach back to JW Marriott hotel Hanoi. End of site visits.