

## Conference Schedule Overview

### Wednesday, April 22, 2015

- 17:00 – 19:00 Registration
- 17:00 – 19:00 Reception

### Thursday, April 23, 2015

- 09:00 – 09:30 Registration
- 09:30 – 09:50 Opening Ceremony
- 09:50 – 10:30 Keynote Lecture 1 by Prof. Markus König
- 10:30 – 10:40 Preparation
- 10:40 – 12:30 JACIC Session
- 12:30 – 13:30 Lunch
- 13:30 – 15:30 Parallel Sessions 1
- 15:30 – 15:50 Coffee Break
- 15:50 – 17:50 Parallel Sessions 2
- 19:00 – 21:00 Banquet at Bayside Hotel Azur Takeshiba

### Friday, April 24, 2015

- 09:10 – 10:50 Parallel Sessions 3
- 10:50 – 11:10 Coffee Break
- 11:10 – 11:50 Keynote Lecture 2 by Prof. Nashwan N. Dawood
- 11:50 – 12:30 Keynote Lecture 3 by Prof. Mani Golparvar-Fard (Sponsored by Autodesk, Inc.)
- 12:30 – 12:35 Photo Session
- 12:35 – 13:30 Lunch
- 13:30 – 15:50 Parallel Sessions 4
- 15:50 – 16:00 Coffee Break
- 16:00 – 16:20 Closing Ceremony

## Overview of Plenary and Parallel Sessions

### Thursday, April 23, 2015

Time	Event		
09:30 – 09:50	Opening Ceremony		
09:50 – 10:30	Keynote Lecture 1		
10:40 – 12:30	JACIC Session		
12:30 – 13:30	Lunch		
Hall and Rooms	Large Hall	Mid-Sized Room I-B	Mid-Sized Room I-C
13:30 – 15:30	Session 1-A BIM: PLANNING & DESIGN (1) (Shang-Hsien Hsieh)	Session 1-B CIM: DESIGN & MODELING (Sang-Ho Lee)	Session 1-C COMPUTER GRAPHICS & LASER SCANNING (1) (Takashi Michikawa)
15:30 – 15:50	Coffee Break		
15:50 – 17:50	Session 2-A BIM: PLANNING & DESIGN (2) BIM: CONSTRUCTION (1) BIM: FM & SENSORS (1) (Ken-Yu Lin)	Session 2-B CIM: CONSTRUCTION (1) (Satoru Yamaki)	Session 2-C COMPUTER GRAPHICS & LASER SCANNING (2) DATA MINING (1) (Satoshi Kanai)

### Friday, April 24, 2015

Time	Event		
Hall and Room	Large Hall	Mid-Sized Room I-B	Mid-Sized Room I-C
09:10 – 10:50	Session 3-A BIM: CONSTRUCTION (2) BIM: FM & SENSORS (2) (Xiangyu Wang)	Session 3-B CIM: CONSTRUCTION (2) CIM: MAINTENANCE (1) BIM: TOOLS & UTILITIES(1) (Ali Motamedi)	Session 3-C DATA MINING (2) NUMERICAL ANALYSIS & SIMULATIONS (1) (Mitsuteru Asai)
10:50 – 11:10	Coffee Break		
11:10 – 11:50	Keynote Lecture 2		
11:50 – 12:30	Keynote Lecture 3		
12:30 – 13:30	Lunch		
13:30 – 15:50	Session 4-A BIM: FM & SENSORS (3) BIM: TOOLS & UTILITIES (2) (William O'Brien)	Session 4-B CIM: MAINTENANCE (2) (Kiyoyuki Kaito)	Session 4-C NUMERICAL ANALYSIS & SIMULATIONS (2) STANDARDIZATION & OTHERS (Hiroyuki Ishiwata)
15:50 -16:00	Coffee Break		
16:00 – 16:20	Closing Ceremony		

Names in parentheses are chairpersons for sessions.

# Tokyo Convention Hall

Address:

5th Floor, Tokyo Square Garden  
3-1-1 Kyobashi, Chuo-Ku, Tokyo, 104-0031, Japan  
Phone: 03-5542-1995

Access:

- Five Minute walk from JR Tokyo Station
- Two Minute walk from Tokyo Metro Yurakucho Line Ginza Ichome Station
- Directly connected to Tokyo Metro Ginza Line Kyobashi Station
- Six Minute walk from JR Yurakucho Station
- Two Minute walk from Toei Subway Line Takaracho Station



# Conference Program

## DAY 0: Wednesday, April 22, 2015

17:00 – 19:00      Registration      Foyer

17:00 – 19:00      Reception      Mid-Sized Room I-B & I-C

## DAY 1: Thursday, April 23, 2015

09:00 – 09:30      Registration      Foyer

09:30 – 09:50      Plenary Session: Opening Ceremony      Large Hall

09:50 – 10:30      Plenary Session: Keynote Lecture 1      Large Hall

AN INTEGRATED TUNNEL INFORMATION MODEL FOR MECHANIZED TUNNELING

Markus König, Christian Koch, Karlheinz Lehner, Felix Hegemann, Puviyarrasan Manickam

10:30 – 10:40      Preparation for Panel Discussion (No Coffee Break)

10:40 – 12:30      Plenary Session: JACIC Session      Large Hall

THEME: PROGRESS AND FUTURE OF BIM/CIM IN JAPAN AND OTHER ASIAN COUNTRIES

Moderator:      Koji Makanae

Panelists:      Yuhei Takamura

                    Hiroshi Furuya

                    Ayako Hamada

                    Patrick Shang-Hsien Hsieh

                    Sang-Ho Lee

12:30 – 13:30      Lunch      Mid-Sized Room I-B

**13:30 – 15:30      Parallel Sessions 1**

**13:30 – 15:30      1-A      BIM: PLANNING & DESIGN (1)**

**Large Hall**

**Chairperson: Shang-Hsien Hsieh**

A FRAMEWORK FOR FINANCIAL DECISION MAKING BASED ON 5D BIM

Qiqi Lu, Jongsung Won, and Jack C. P. Cheng

CONSIDERATION OF SEAMLESS OPERATION BETWEEN BIM AND 3D URBAN MODEL ON MIXED REALITY SYSTEM

Atsushi Sone, Toshiaki Satoh, Yoichi Uramoto, and Subas Chhatkuli

A STUDY INTO THE NEED FOR DYNAMIC PLANNING IN THE CONSTRUCTION INDUSTRY

Nithin Thomas and Assem Al - Hajj

GREEN BIM FOR HOUSING IN HONG KONG AND MAINLAND CHINA

Jin-Yeu Tsou, Chun-Hong Chan, Xiang Li

A BIM MODEL MODIFICATION MECHANISM FOR DESIGN COLLABORATION IN A HETEROGENEOUS ENVIRONMENT

Huan-Ting Chen and Shang-Hsien Hsieh

POTENTIAL USE OF BIM AS A NEW METHODOLOGY FOR AN INNOVATIVE HYBRID-TOWER FOR ONSHORE WIND TURBINES

Manuel Koob, Laura Alvarez-Anton, Daniel Wolff, Jens Minnert, and Joaquin Diaz

**13:30 – 15:30      1-B      CIM: DESIGN & MODELING**

**Mid-Sized Room I-B**

**Chairperson: Sang-Ho Lee**

A 3-D VR MODEL FOR OPTIMAL ALIGNMENT SEARCH SYSTEM OF HIGHWAY DESIGN (OHPASS) USING ASTER GDEM

Motoya Yamasaki, Masaharu Inoue, Takayuki Fukase, Ichizuru Ishimoto, Ippei Iwamoto, and Shunta Shimizu

AN IMPROVED SHAPE ANNEALING ALGORITHM FOR TOPOLOGICAL GENERATION OF SPATIAL TRUSS STRUCTURES

Renhua Wang, Xianzhong Zhao

EXTENSION OF THE UPCOMING IFC ALIGNMENT STANDARD WITH CROSS SECTIONS FOR ROAD DESIGN

Julian Amann, Dominic Singer, André Borrmann

MODEL-DRIVEN DECISION-MAKING SUPPORT FRAMEWORK FOR DISASTER PREVENTION

Sang Il Park, Min-Su Kim, Minsun Song, and Sang-Ho Lee

APPLICATION OF GIS-TECHNOLOGIES TO THE EVALUATION OF INVESTMENT ATTRACTIVENESS

OF THE ROSTOV REGION: LOCALIZATION OF ECONOMIC SPACE  
Svetlana Sheina, Narman Ayubov, Liya Babenko

ADVANCING BIM STANDARDIZATION: FLOATING STRUCTURES  
Nawari O. Nawari and Adel Alsaffar

**13:30 – 15:30      1-C      COMPUTER GRAPHICS & LASER SCANNING (1)      Mid-Sized Room I-C**

**Chairperson: Takashi Michikawa**

LOFTING-BASED SHAPE SIMPLIFICATION OF BUILDING MODELS USING VOXELIZATION  
Takashi Michikawa, Tomohiro Fukuda, and Nobuyoshi Yabuki

A MEASUREMENT TOOL FOR VISIBLE GREENERY RATIO DERIVED FROM GAUSSIAN BLUR, HUE  
AND SATURATION FILTERING  
Yakui Ding, Tomohiro Fukuda, Nobuyoshi Yabuki, and Takashi Michikawa

VISION BASED SAFETY SPACE IDENTIFICATION FOR MOTORCYCLES  
Albert Y. Chen and Meng-Hsiu Hsieh

EMBED PHOTOG-CAD DERIVED SURFACE MODEL INTO EXISTING STRUCTURE MODEL  
Masaru Kaidzu

USING HOG FOR VIDEO-BASED HUMAN DETECTION FOR IN-BUILDING EMERGENCY  
RESPONSE  
Albert Y. Chen and Cheng-Yi Chang

COVERAGE EVALUATION OF SURVEILLANCE CAMERAS USING BIM AND GAME ENGINE  
Ameen Hamza Albahri and Amin Hammad

**15:30 – 15:50      Coffee Break      Foyer**

**15:50 – 17:50      Parallel Sessions 2**

**15:50 – 17:50      2-A      BIM: PLANNING & DESIGN (2), CONSTRUCTION (1), AND FM &  
SENSORS (1)      Large Hall**

**Chairperson: Ken-Yu Lin**

**BIM: PLANNING & DESIGN (2)**

DIM; DESIGN INFORMATION MODELLING TO SUPPORT EARLY DESIGN IN ARCHITECTURE;  
THROUGH THE USE OF MOBILE TRACKING  
Chalmers, Luke A.

WEB-BASED 3D BARRIER-FREE VERIFICATION FOR WHEELCHAIR ACCESS

Yoshihiro Yasumuro and Hiroshige Dan

**BIM: CONSTRUCTION (1)**

A CLOUD BASED BIM FRAMEWORK FOR CONSTRUCTION SITE LAYOUT PLANNING

Srinath S. Kumar, Moumita Das, Jack C.P. Cheng, and Jun S. Kuang

A FRAMEWORK OF UTILIZING BIM USES FOR CONSTRUCTION RISK MANAGEMENT IN DESIGN-BUILD PROJECTS

Mervyn Jan S. Malvar and Veerasak Likhitrungsilp

APPLICATION OF INFORMATION TECHNOLOGY IN PRECAST PRODUCTION: A LITERATURE REVIEW AND FUTURE DIRECTIONS

Ma Zhiliang and Yang Zhitian

**BIM: FM & SENSORS (1)**

REAL-TIME REPLAY SYSTEM: FUSION OF VIRTUAL REALITY AND SENSOR DATABASE FOR INFRASTRUCTURE SAFETY MANAGEMENT

Cheng-Ting Chiang, Ken-Yu Lin, and Chien-Chen Chou

**15:50 – 17:50      2-B      CIM: CONSTRUCTION (1)**

**Mid-Sized Room I-B**

**Chairperson: Satoru Yamaki**

DEVELOPING AUTOMATED ANNOTATION FOR VISUAL RECOGNITION OF CONSTRUCTION RESOURCES

Mohammad M. Soltani, Zhenhua Zhu, and Amin Hammad

FIRST APPLICATION OF CIM TO TUNNEL CONSTRUCTION IN JAPAN

Shinya Sugiura

CIM FOR SUSTAINABILITY APPRAISAL OF CONCEPTUAL ILCM OF THE DISASTER RESTORATION WORK

Katsunori Miyamoto

MODEL ANALYSIS OF THE THRESHOLD PRICE OF PUBLIC CONSTRUCTION -A STUDY TO IMPROVE COST ESTIMATION SYSTEM

Satoru Yamaki and Nobuyoshi Yabuki

AN UNSAFE PROXIMITY DETECTION MODEL TO DECREASE FALSE ALARMS FOR CONSTRUCTION APPLICATIONS

Jun Wang and Saiedeh N. Razavi

RESEARCH ON VISUALIZATION TECHNIQUE OF CONSTRUCTION STRUCTURES BY NETWORKED CAMERAS USING 3D MODELS

Takashi Tahara and Nobuyoshi Yabuki

**15:50 – 17:50      2-C      COMPUTER GRAPHICS & LASER SCANNING (2) AND DATA MINING  
(1)      Mid-Sized Room I-C**

**Chairperson: Satoshi Kanai**

**COMPUTER GRAPHICS & LASER SCANNING (2)**

OPTIMAL SETUP OF A TERRESTRIAL LASER SCANNER FOR CAPTURING PIPING OBJECTS IN PLANTS

Satoshi Kanai, Shin-ya Yamanishi, and Hiroaki Date

CLASSIFICATION FOR ROADSIDE OBJECTS BASED ON SIMULATED LASER SCANNING

Kenta Fukano, and Hiroshi Masuda

LASER SCANNING TO BIM – APPLICATION OF POINT CLOUD FOR MODELLING

Tsz Hang Lee, Chaochengfeng Gao and Chan Chun Hong

**DATA MINING (1)**

SUPPLY SHORTAGE FORECAST USING SPATIAL DATA MINING FOR EMS

Albert Y. Chen, Chen-Hsi Su

CLUSTERING ANALYSIS CONSIDERING THE UTILITY COST OF THE TRANSPORTATION INFRASTRUCTURE IN DISASTER RESPONSE FOR THE EMERGENCY MEDICAL SERVICE

Albert Y. Chen, Ting-Yi Yu

TEXT MINING APPROACH FOR REVIEWING THE READY MIXED CONCRETE LITERATURE

Mojtaba Maghrebi, S. Travis Waller and Claude Sammut

**19:00 – 21:00      Banquet at Bayside Hotel Azur Takeshiba**

Room Tempyo, 14th Floor

Hotel Azur Takeshiba is a bay side hotel offering a spectacular view of Tokyo Bay.

Address: 1-11-2 Kaigan, Minato-Ku, Tokyo, 105-0022, Japan

URL:    <http://www.hotel-azur.com/>



## **DAY 2:      Friday, April 24, 2015**

**09:10 – 10:50      Parallel Sessions 3**

**09:10 – 10:50      3-A      BIM: CONSTRUCTION (2) AND FM & SENSORS (2)      Large Hall**

**Chairperson: Xiangyu Wang**

### **BIM: CONSTRUCTION (2)**

IMPLEMENTATION OF BIM COLLABORATION MANAGEMENT FRAMEWORK FOR GENERAL CONTRACTOR

Hui-Hsuan Yang, Ya-Hui Chang, and Yu-Cheng Lin

A FRAMEWORK OF BIM-BASED CONSTRUCTION PROJECT MONITORING SYSTEM FOR OWNER  
Souksavath Losavanh, and Veerasak Likhitruangsilp

CASE STUDIES OF BIM-BASED DYNAMIC SCAFFOLDING DESIGN AND SAFETY PREVENTION

Wenchi Shou, Lei Hou, Jun Wang, Xiangyu Wang

### **BIM: FM & SENSORS (2)**

PLANNING BIM-BASED FACILITY MANAGEMENT AT EARLY STAGE OF OPERATION PHASE

Yen-Pei Chen, Chia-Chun Hong, and Yu-Cheng Lin

THE DEVELOPMENT OF KEY PERFORMANCE INDICATORS TO MONITOR EARLY FACILITIES  
MANAGEMENT PERFORMANCE THROUGH THE USE OF BIM TECHNOLOGIES IN PUBLIC SECTOR  
PROJECTS

Barry McAuley, Alan Hore, Roger P. West and Thomas Horan

**09:10 – 10:50      3-B      CIM: CONSTRUCTION (2), MAINTENANCE (1), AND BIM: TOOLS &  
UTILITIES      Mid-Sized Room I-B**

**Chairperson: Ali Motamedi**

### **CIM: CONSTRUCTION (2)**

MULTI-AGENT APPROACH FOR AUTOMATED GUIDANCE AND CONTROL OF EARTHWORK  
EQUIPMENT

Faridaddin Vahdatikhaki, Amin Hammad, Alhusain Taher

### **CIM: MAINTENANCE (1)**

DEVELOPMENT OF PRODUCT MODEL FOR HARBOR STRUCTURES DEGRADATION

Wenxuan Chen, Nobuyoshi Yabuki, Tomohiro Fukuda Takashi Michikawa and Ali Motamedi

DEVELOPMENT OF A PROCESS MODEL FOR INFORMATION MANAGEMENT OF DEGRADATION OF CIVIL ENGINEERING STRUCTURES

Takashi Aruga, and Nobuyoshi Yabuki

RELATIVE EVALUATION METHOD OF RC SLAB DETERIORATION BY STOCHASTIC PROCESS MODEL

Daijiro Mizutani and Kiyoyuki Kaito

**BIM: TOOLS & UTILITIES (1)**

A BIM-BASED REPORTING SYSTEM

I-Chen Wu, Wei-Liang Kuo, Nian-Cih Huang, Ren-Huang Huang

**09:10 – 10:50      3-C      DATA MINING (2) AND NUMERICAL ANALYSIS & SIMULATIONS (1)**  
**Mid-Sized Room I-C**

**Chairperson: Mitsuteru Asai**

**DATA MINING (2)**

ARTIFICIAL SYMBOLIC VOCABULARY TO ENABLE EFFECTIVE SEMANTIC INTERPRETATION OF SHARED INFORMATION

Ivan Mutis

**NUMERICAL ANALYSIS & SIMULATIONS (1)**

DEVELOPMENT OF A MULTI AGENT SYSTEM FOR SIMULATING THE RECOVERY OF EARTHQUAKE DAMAGED LIFELINES

Ozan C. Cicekci, Nabeel Muhammad, Lalith Wijerathne, Muneo Hori, Tsuyoshi Ichimura and Seizo Tanaka

BRIDGE WASH OUT SIMULATION DURING TSUNAMI BY USING A PARTICLE METHOD

Yoshiya Miyagawa, Mitsuteru Asai, Shoichi Tanabe

A UNIFIED NUMERICAL ANALYSIS OF FREE SURFACE FLOW AND SEEPAGE FLOW BY USING A PARTICLE METHOD

Tomotaka Nogami, Mitsuteru Asai, Toshihiro Morimoto, and Aly Abdelraheem

EARTHQUAKE GROUND MOTION MODELING USING A HIGH-FIDELITY CRUST STRUCTURE

Hideaki Sonobe, Tsuyoshi Ichimura, Pher Errol Balde Quinay, Kohei Fujita, and Muneo Hori

**10:50 – 11:10      Coffee Break      Foyer**

**11:10 – 11:50      Plenary Session: Keynote Lecture 2      Large Hall**

WHOLE LIFECYCLE INFORMATION FLOW UNDERPINNED BY BIM: TECHNOLOGY, PROCESSES, POLICY AND PEOPLE

Nashwan N. Dawood, Mohamad Kassem, and Vladimir Vukovic

**11:50 – 12:30**      **Plenary Session: Keynote Lecture 3**      **Large Hall**

MODEL-BASED MONITORING OF WORK-IN-PROGRESS VIA IMAGES TAKEN BY CAMERA-EQUIPPED UAV AND BIM

Jacob J. Lin, Kevin K. Han, Yoshihiko Fukuchi, Masatoshi Eda and Mani Golparvar-Fard

**12:30 – 13:30**      **Lunch**      **Foyer**

**13:30 – 15:50**      **Parallel Sessions 4**

**13:30 – 15:50**      **4-A**      **BIM: FM & SENSORS (3) AND TOOLS & UTILITIES (2)**      **Large Hall**

**Chairperson: William O'Brien**

**BIM: FM & SENSORS (3)**

EXPLOITING BIM IN ENERGY EFFICIENT DOMESTIC RETROFIT: EVALUATION OF BENEFITS AND BARRIERS

Elaheh Gholami, Arto Kiviniemi, Tuba Kocaturk, and Steve Sharples

THREE-DIMENSIONAL VISUALIZATION SYSTEM OF BRIDGE DYNAMIC BEHAVIOR WITH WIRELESS MEMS SENSORS

Tatsunao Takamoto, Masato Kawahara, Kazuyuki Nakahata, and Mitao Ohga

A CRIME PREVENTION SYSTEM USING ARDUINO AND COMMUNICATION MODULES

Toshie Hirai, Nobuyoshi Yabuki, Tomohiro Fukuda, Takashi Michikawa, and Ali Motamedi

**BIM: TOOLS & UTILITIES (2)**

OPENBIM VISUALIZER – A VISUALIZATION TOOL FOR VIEWING THE IFC DATA MODEL

Yang-Hsiu Tong, Chih-Hsiung Chang, Yi-Wei Chen and I-Chen Wu

IMPLEMENTING BIM: A CHANGE IN CULTURE

Skye Rayner and Assem Al-Hajj

ESTABLISHING THE LEVEL OF DEVELOPMENT (LOD) REQUIREMENTS FOR MODELING IN HIGHWAY INFRASTRUCTURE PROJECTS

Bharathwaj Sankaran and William J. O'Brien

OPTIMAL ELEMENTS FOR BUILDING INFORMATION MODELING (BIM) DESIGN MODELS

Veerasak Likhitruangsilp and Kanokwan Ruangpin

**13:30 – 15:50**      **4-B**      **CIM: MAINTENANCE (2)**      **Mid-Sized Room I-B**

**Chairperson: Kiyoyuki Kaito**

GENERALIZATION ABILITY IN PREDICTING ROAD OPENINGS FROM CONSTRUCTION DATA  
Wataru Kobayashi, Ryosuke Shibasaki, and Yoshihide Sekimoto

PUBLIC INFRASTRUCTURE ASSET MANAGEMENT SYSTEM FOR LIFE-EXTENDING REPAIR  
PLANNING AND ITS PRELIMINARY ESTIMATION  
Takashi Sumiyoshi, Yuya Komatsu, Hideo Abiru, and Toyohisa Morita

INSPECTION METHOD BASED ON IMAGE PROCESSING FOR MEASURING LEVEL DIFFERENCE OF  
MANHOLE COVERS  
Daisuke Uchibori, Hiroyuki Takahashi, Shoji Mochizuki, and Kazuyoshi Kawabata

STUDY ON THE ELABORATION LEVEL OF CIM MODELS AIMED TO UTILIZE FOR MAINTENANCE  
OF SLUICE GATES AND SLUICE PIPES  
Rei Fujita, Noriaki Aoyama, Hisatoshi Taniguchi, and Koichi Shigetaka

ROLES OF SPECIALIZED CONSTRUCTORS IN THE MAINTENANCE AND REPAIR OF  
INFRASTRUCTURE  
Sei-ichi Hamada and Kiyoyuki Kaito

A METHODOLOGY OF BRIDGE INSPECTION INFORMATION MANAGEMENT THROUGH OBJECT  
RECOGNITION AND NAMING OF 3D MODEL  
Junwon Park, Sang Il Park, Bong-Geun Kim and Sang-Ho Lee

**13:30 – 15:50      4-C      NUMERICAL ANALYSIS & SIMULATIONS (2) AND STANDARDIZATION  
& OTHERS      Mid-Sized Room I-C**

**Chairperson: Hiroyuki Ishiwata**

**NUMERICAL ANALYSIS & SIMULATIONS (2)**

CONVERSION BETWEEN SOLID AND BEAM ELEMENT SOLUTIONS OF FINITE ELEMENT METHOD  
BASED ON META-MODELING  
J.A.S.C Jayasinghe, Seizo Tanaka, Lalith Wijerathne, Muneo Hori and Tsuyoshi Ichimura

PERFORMANCE ANALYSIS OF SIMULATION-BASED MULTIOBJECTIVE OPTIMIZATION USING  
HIGH PERFORMANCE COMPUTING  
Shide Salimi, Mohammed Mawlana, and Amin Hammad

**STANDARDIZATION & OTHERS**

A STUDY OF CRYPTOGRAPHIC ALGORITHMS TRANSITION IN THE ELECTRONIC BIDDING CORE  
SYSTEM  
Hiroyuki Ishiwata

INTERNATIONAL DATABASE DEVELOPMENT FOR CONSTRUCTION INDUSTRY  
Tsutomu Yoshigi

RECENT ACTIVITY OF THE INFRASTRUCTURE INFORMATION STANDARDIZATION IN JACIC  
Masanori Koide, Katsuhiko Mitsuhashi, Tomoko Shimizu, and Naoki Kodama

CORINS –MOST COMPREHENSIVE DATABASE OF JAPANESE INFRASTRUCTURE  
Yasushi Kawanai, Okimitsu Suzuki

A RATIONAL METHOD FOR PROPORTIONING SELF-CONSOLIDATING CONCRETE  
Yahia Abdel-Jawad (Qawasmi)

**15:50 – 16:00      Coffee Break      Foyer**

**16:00 – 16:20      Plenary Session: Closing Ceremony      Large Hall**

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### **Notice to Paper Presenters**

Each speaker who will give presentation on the accepted paper has 15 minutes for presentation and 5 minutes for questions and answers, total of 20 minutes. The Chairperson will give a 5 minute warning and then a 1 minute warning. If you see a Finish sign, you should finish your talk immediately.

Each speaker should bring his or her own laptop PC and presentation file and should check the connection of the PC to the beamer (projector) at the designated hall or room. We prepare laptop PCs for all rooms. However, we do not guarantee that your presentation file is compatible with our software and hardware. Especially, if you are going to show videos or special graphics files, you should bring your own PC.

### **Notice to Chairpersons**

All chairpersons should keep the time as planned. Please show the 5 minute warning after 10 minutes passed and the 1 minute warning after 14 minutes passed. When 15 minutes passed, please show Finish sign. If the speaker continues to speak, please tell him or her to finish.

After the presentation, please encourage the audience to ask questions or give comments. It is very important for speakers to be asked questions in order to improve the contents for publishing journal papers in the future. If no one asks questions, please ask the speaker by yourself. In the large halls, please use the chairperson's microphone. Our staff student will bring a microphone to the questioner. The total time for each speaker is 20 minutes. If many people raise hands for questions, please control and finish Q&A session as planned. If you encounter a rude questioner, who gives very harsh and rough comments to speakers, please give him or her a mild warning.

Please introduce each speaker before presentation. Each speaker is asked to fill out a short CV so that you can read it. After the presentation, please give a hand to each speaker.