



Asian Concrete Federation E-Newsletter

Vol.1 No.2 / August 2007

Foreword

FX. Supartono

Vice President (Technical) of ACF

As mentioned in the ACF Constitution, the activities of ACF shall encompass all aspects of structural concrete engineering including design, construction, materials, monitoring and inspection, preservation, rehabilitation, and demolition of concrete structures in taking into consideration the technological, social, economical, environmental, aesthetic and cultural aspects of countries in the Asia and neighboring region.

On the other hand, we recognize that the world now is facing on the rapid climatic change due to gases emission, where the production of cement contributes around 3% of world emission of CO₂ during its production process. That's why the Kyoto Protocol, a world convention on climatic change, has advised sustainable development through energy efficiency and emission reduction. The enhancement of energy efficiency is agreed to be 5% lower of consuming energy than that of 1990, which should be achieved on 2008 – 2012.

To deal with the above issue, it is ACF obligation to promote and enhance the practice of concrete technology and concrete engineering for sustainable developments in Asia and neighboring region by way of our publications, conferences, symposia, seminars, and/or workshops.

In our concrete society, the sustainable

development of our world can be realized by preserving our precious environment and raw material resources in the concrete production, conserving energy (for example to use bio-energy in the cement production), and to provide concrete structures that have durable performance and economy in construction.

The energy efficiency in concrete production can be realized in many ways. Almost 90% of energy consumption in concrete is from cement, and only 10 – 15% is spent on other materials as well as the mixing and placing of concrete. Therefore, reduce cement in concrete production is a good way to reduce energy and CO₂ emission. Within this objective, part of cement can be replaced by blast furnace slag, fly ash, natural pozzolans, silicafume, rice husk, and/or other cementitious materials. The use of those waste or natural materials can in fact reduce the cement contain in concrete mixes, that means saving energy, fuel, coal, and conserve the limestone reserves, as well as to produce durable and economic concrete structures.

Energy saving in concrete construction can also be reached by using the flowing concrete such as “self compacting concrete”. The flowing concrete can in fact allow energy saving in placement and compaction, and to produce high performance concrete structures.



Recycling concrete aggregates is another alternative to preserve the rawmaterial resources. In our modern world, demolition of existing concrete buildings will be more and more in the future. In that case, materials from concrete demolition can be recycled and used again as aggregates for concrete mixes. Depending on the required concrete grade, the recycled aggregates can fully or partially replace the natural aggregates.

Another alternative for energy saving in concrete production is to use transportation that consumes lower energy. For example, we may use railway to transport cement and/or aggregates that can save energy on transportation.

To conclude, we wish to be able to develop a new construction world that may offer high performance and durable concrete in the framework of sustainable development combined with economy. Let we do our best effort to realize this objective.

3rd ACF Executive Council (EC) Meeting

Toshiyuki Kanakubo

Associate Professor, University of Tsukuba

1. Introduction

On 29 June 2007, the 3rd Executive Council (EC) Meeting of Asian Concrete Federation (ACF) was held in National Center for Research on Earthquake Engineering, Taipei, Taiwan. The meeting was hosted by Taiwan Concrete Institute (TCI).

2. Attendees on EC Meeting

The delegates of Executive Council who attended to the meeting were Prof. Taketo Uomoto (President of ACF, Japan), Prof. Jenn-Chuan Chern, (Vice President of ACF, Taiwan), Dr. FX Supartono (Vice President of ACF, Indonesia), Prof. Ha Won Song (Treasurer of ACF, ICCMC), Prof. Jongsung Sim (Korea), Prof. Ekasit Limsuwan (substitute for Thailand), and Mr. Nobuyuki Matsumoto (Secretary General of ACF, Japan). The EC members Dr. Biswadep Sen (India) and Dr. Le Quang Hung (Vietnam) were absent with apology in that meeting.

The meeting had also the following guests and observer: Dr. Lilia Austriaco (Philippines), Prof. Yin-Wen Chan (Taiwan), Dr. Jeffrey Chiang (Malaysia), Prof. Tan Kiang Hwee (Singapore), Prof. Toshiyuki Kanakubo (Japan), Prof. Oh Sang Keun (Korea), and Prof. Tamon Ueda (Japan).

3. Discussion in EC Meeting

Discussions conducted in the 3rd EC meeting consist of several topics, i.e. discussion on Task Group activities, publications, organization management, ACF representative and individual membership, planning in future meetings, etc.

Prof. Uomoto, the President of ACF, opened the 3rd Executive Council Meeting.

Prof. Jenn-Chuan Chern welcomed the participants of ACF Executive Council meeting. Prof. Yin-Wen Chan, representative of Taiwan Concrete Institute, also had welcome remarks.

Mr. Matsumoto, Secretary of ACF, roll called the EC members and confirmed 6 members including 1 substitute were attending. The meeting was valid. Observers of the meeting had introductions of themselves.

Then the Secretary presented the draft agenda for the meeting. The draft was approved without dissent.

The President read up the draft of the minutes of the last meeting that was held in Bali on 22 November 2006. The draft of the minutes was approved without dissent.

4. Discussion on TG Activities

Prof. Song proposed to give an introduction on the relationship between ACF, ISO and ICCMC activities before the presentation of the TG activities. He explained the importance of the harmonization of codes or standards in this developing region.

Prof. Oh, convener of TG2, presented the outlines of his TG activities concerning the Maintenance for Leakage in Concrete due to Cracking. He has introduced the purpose of works, objectives, target code, etc, according to the ISO/TC71/SC7 activities. The TG will propose a standard and guideline report, which will contribute to improve the safety and durability of concrete structures and also propose to build up the recommendation for related experts in Asian countries.

Method of the final output and the collaboration between ACF and ICCMC were also discussed in the meeting. As a result of discussions for the former part, the guideline or recommendations will be distributed through the web site of ACF under the joint collaboration activities of ACF and ICCMC.

Some EC members proposed the merge of ACF and ICCMC. The President mentioned that the work in ICCMC consists of individual efforts and the work of ACF is supported by each

country's body organizations representing the countries. As a result of discussions, ACF Vice President (Policy) Prof. Chern and ICCMC Vice President (Policy) Prof. Song will have a discussion about the method of collaboration or merge of ACF and ICCMC.

On behalf of the convener Dr. Hoedajanto, Prof. Ueda presented the activities of TG3. He explained that the technical document on assessment and retrofit for seismic damage will be the Level 3 document in ICCMC, and be the draft of ISO code or technical report. The first draft will be distributed at ICCMC meeting in November 2008. The President confirmed that ACF will be able to obtain the guideline of assessment and retrofit for seismic damage after 2 years. Prof. Supartono asked to confirm the members of TG, in which the members from the seismic countries can participate.

Prof. Supartono, convener of TG1, proposed to publish the ACF Newsletter under the period of quatermestrial (April, August and December). He wishes to be able to receive various news of concrete events from each member country of ACF. He also introduced the draft of the first Newsletter. It was approved that US\$1,500 (US\$500 per one publication) will be assigned to the editorial cost. The newsletter will be distributed through ACF web site.

5. Discussion on Organization Matters

Prof. Song explained long-term budget plan. The income from the ACF international conference will keep the budget balance. Prof. Supartono explained the balance sheet of 2nd ACF International Conference held in Bali last year, and US\$4,877 was moved to ACF account as 40% of balance of the conference. It was confirmed that Mr. Matsumoto and Prof. Song will remake the settlement of accounts and long-term budget plan by the actual income and expenditure up to now with cooperation of Prof. Supartono.

The Secretary presented the status of ACF membership. The individual and corporate member of ACF are 70 and 1, respectively. The President asked EC members to cooperate to recruit corporate members.

The Secretary proposed the treatment of subcategory of individual members which does not have a representative member of their country as B (US\$20/year). The President concluded that the subcategory of individual members without the representative member of their country should be A and that is mentioned in Table 2 of the by-laws. However, if anyone would like to become an individual member from no representative developing Asian countries, the ACF

Vice Presidents may judge his subcategory case by case.

The Secretary introduced the first announcement of the 3rd ACF international conference which will be held at Ho Chi Minh City in 2008. Local Organizer proposed the date of the conference in the middle of September 2008. However, other conferences are planned to have in the same term. Thus, the EC members requested to consider moving to November 2008 as suggested previously.

Regarding the 5th EC meeting in 2009, the place of the meeting had been nominated originally by PICE, but it was not confirmed yet. Just before the 3rd EC meeting, Prof. Uomoto has asked

KCI, whether they are willing to be host of the ACF 5th EC meeting because PICE has not yet become the representative member. KCI prepared the affirmative answer. However, Prof. Lilia from PICE stated that she still would prefer that PICE be the host for the 5th EC meeting. It was decided that Prof. Lilia would explore the possibility of holding the 5th EC meeting in the Philippines. However, if it is the case that PICE cannot accept her wish, KCI will take care of the meeting.

The meeting was adjourned by the President at 1 pm, 29 June 2007.



Attendees in 3rd EC Meeting



Appreciation from Prof. Uomoto to Prof. Chern (TCI)

What's ACF objective ?



- Initiation and support of international collaborative activities for development of research and technology relating to various aspects of concrete and concrete structures.
- Dissemination of useful information on concrete and concrete structures by way of publications, conferences, symposia, workshops and/or seminars.
- Promotion of updating and revising concrete codes/standards on structural design, materials, construction and maintenance through development of new knowledge to meet the latest needs.
- Interaction with the members and keeping them aware of the activities of the Federation.

Ferrocement Rainwater Harvesting (RWH) System

Lilia Austriaco

College of Engineering, Angeles University, Philippines

The Angeles University Foundation (AUF) College of Engineering responded to the identified need of water shortage in Central Luzon, Philippines by a Pilot Project on Rainwater Harvesting (RWH) system. According to experts the problems in Central Luzon include groundwater overuse; land subsidence; flooding and shortage of water. It is envisaged that if the current use is not improved, Central Luzon will have very difficult water situation in 2025.

The Project has completed two rainwater cisterns. Five fourth year civil engineering students constructed the ferrocement rainwater cistern. The students learned the ferrocement construction from the do-it-yourself booklets with the research team as advisers. The plastering was undertaken with help from a mason. These students do not have any experience in construction testifying to the ease of learning ferrocement construction technology. The project team is composed of Dr. Lilia Robles-Austriaco, Engr. Paul N. Javier, Engr. Elizabeth Tuliao and Dr. Leopoldo Cura. The team leader is an acknowledged expert in ferrocement technology. The first

cistern is located in the Enrica Sandico Elementary School, the adopted school of the College of Engineering. The second rainwater cistern was constructed with the Pulung Maragul Barangay Multi-Purpose Hall as collection area, adopted barangay (the smallest political unit in the country) of the College.

Ferrocement is defined as a thin composite made with a cement based mortar matrix reinforced with closely spaced layers of small diameter wire mesh. The mesh may be made of metallic or other suitable materials like bamboo. The fineness of the mortar matrix and its composition should be compatible with the opening and tightness of reinforcing system it is meant to encapsulate. The matrix may contain discontinuous fibers. At the mechanics and analytical modeling level, ferrocement falls in the family of thin laminated cementitious composites. The advantageous properties of ferrocement, such as strength, toughness, water-tightness, lightness, durability, fire resistance and environmental stability, cannot be matched by any other thin construction materials.

Rainwater Harvesting (RWH) system consists of three basic elements: a collection area, a conveyance system, and storage facilities. The collection area in most cases is the roof of a house or a building. The effective roof area and the material used in constructing the roof influence the efficiency of collection and the water quality.

A conveyance system usually consists of gutters or pipes that deliver rainwater falling on the rooftop to cisterns or other storage vessels. Both drainpipes and roof surfaces should be constructed of chemically inert materials such as wood, plastic, aluminum, or fiberglass, in order to avoid adverse effects on water quality.

The water ultimately is stored in a storage tank or cistern, which should also be constructed of an inert material. Reinforced concrete, ferrocement, fiberglass, and stainless steel are suitable materials. Storage tanks may be constructed as part of the building, or may be built as a separate unit located some distance away from the building.



Rainwater Harvesting System in Enrica Sandico Elementary School



Rainwater cistern completed in the Pulung Marigul Barangay Multi-Purpose Hall

Singapore Concrete Institute



Willie Kay

President, Singapore Concrete Institute

Singapore Concrete Institute has elected a new President and the new Board of Directors for 2007 - 2008 as follows:

Mr. Willie Kay (President)

Mr. Koh Beng Thong (1st Vice Pres)

Mr. Oh Lock Soon (2nd Vice Pres)

Mr. Fong Weng Khiong (Hon. Secretary)

Mr. Tan Yew Meng (Hon. Treasurer)

Ms. Honey Lim (Asst. Hon Secretary)

Mr. Ng Say Cheong (Immediate Past President)

Directors:

Prof Zhang Min-Hong, Mr. Loh Kah Soon, Mr. Michael Wong, Dr. Arvind K Suryavanshi, Dr. Johnny Wong, Lim Tee Yoke, Neo Bian Hong, Chen Hong Fang.

We have formed a partnership with the signing of Memorandum of Understanding between Singapore Concrete Institute and Indian Concrete Institute, Mr Willie Kay, President of SCI and Mr Biswadep Sen, President of ICI.



Mr. Willie Kay

A Joint Seminar will be organised between SCI and ICI in November 2007.

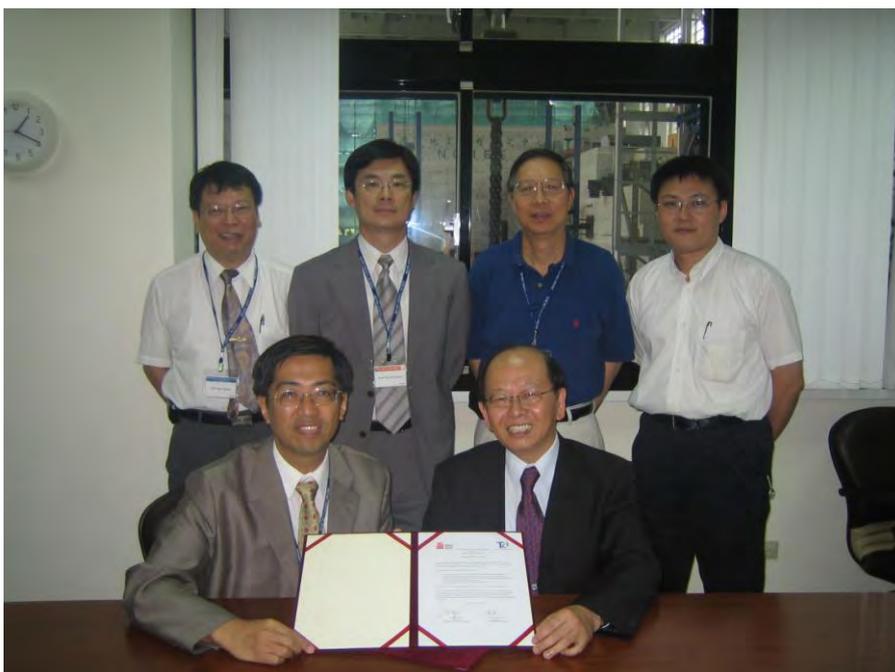


Mr. Biswadep Sen

Another partnership has also been formed with the Taiwan Concrete Institute with the signing of Memorandum of Understanding. Representing Singapore is Professor Tan Kiang Hwee, and the President of Taiwan Concrete Institute Professor Jenn-Chuan Chern.

We are hoping to promote an interchange of knowledge and ideas with this partnership.

TCI has a "Good Ready-Mixed Concrete (GRMC) Certification" system, where as SCI on the other hand has the "Waterproof System Certification" scheme, and with this MOU would lead to more interaction between the two concrete institute.



Memorandum of Understanding between the Singapore Concrete Institute (representing by Prof. Tan Kiang Hwee) and the Taiwan Concrete Institute (representing by Prof. Jenn-Chuan Chern).

Asian Summit

Taipei Declaration on Sustainable Development

Asian Civil Engineering Coordinating Council (ACECC), Taipei, 26 June 2007

During the 4th CECAR held in Taipei on 26 – 27 June 2007, ACECC has organized “Asian Summit Meeting”. 11 Presidents of the Civil Engineering Institutions from Australia, Cambodia, India, Indonesia, Japan, Korea, Mongolia, Philippines, USA, and Vietnam, and their Vice Presidents and/or representatives, have attended to this important meeting.

On 26 June 2007, at the Taipei 101 Tower, they have signed a Declaration named “Taipei Declaration on Sustainable Development”. Here below is the Declaration.

The rapid social progress and advancements in science and technology have enhanced man’s abilities to improve our quality of life. However, these abilities have not in all cases been used in harmony with the environment. In fact, man’s continuous exploitation of the earth’s resources is degrading our environment and ecosystem. This outcome, together with the impacts of climate change, is worsening in a way that requires us to take immediate action for a sustainable future.

Asia is the largest continent and has approximately 60% of world population. Currently, Asia generates around US\$18 trillion GDP. Abundant human and natural resources, improved manufacturing ability, and huge markets have made Asia the fastest growing economy on earth. Nevertheless, this

fast growth places excessive demand on natural resources and strains the earth’s environment and ecosystem. In addition, Asia is constantly experiencing floods, landslides, air and water pollution, earthquakes, tsunamis, typhoons and man-made disasters. With these facts, having sustainable development in Asia is necessary.

Civil Engineers shall be ethical, compassionate, and knowledgeable of the vision of sustainability that will lead humanity and the environment to coexist harmoniously. Civil Engineers must play an active role in balancing Asian infrastructure needs and protecting our environment. Civil Engineers must put forward a proposal for countermeasures against imminent climate change due to global warming and the consequential disasters. Moreover, Civil Engineers must address the critical issues of humanity and social systems, such as caring for the disadvantaged, developing human resources, providing clean water and air, food and shelter for all, and providing protection from natural and man-made hazards.

Therefore, we, representatives of our respective civil engineering organizations, commit to improve the quality of life through use, innovation and discovery of appropriate technologies to meet the needs of diverse Asian populations and cultures. We also commit to work together for protecting and enhancing the environment, inspiring

optimism, and creating a sustainable Asia as part of a sustainable world.

In keeping with the foregoing commitments, we hereby agree to take the following actions:

1. Develop short and long term strategies for achieving sustainable development.
2. Continue to improve the quality of life, and at the same time, protect and enhance our environment and ecosystem.
3. Conserve natural resources and use renewable materials.
4. Reduce the causes of global warming while mitigating and adapting the effects of climate change.
5. Encourage participation in the formulation and implementation of public policies and promote a transparent system of good governance.
6. Develop capacity building and transfer of knowledge of environmentally-friendly technologies.
7. Extend the service life of newly constructed infrastructure and advance renewable technologies for existing infrastructure and facilities.
8. Ensure the preservation of cultural values and heritage in the pursuit of solutions.
9. Encourage broad involvement in education and in research and development.
10. Develop the means for protecting against and mitigating the impacts of disasters and hazards.



Asian Summit Meeting at Taipei Convention Center, 25 June 2007



Signing “Taipei Declaration on Sustainable Development”

Next Coming Concrete Events

3rd ACF International Conference [Ho Chi Minh City, 11 – 13 Nov 2008]

Asian Concrete Federation



Vietnam Concrete Association



THE 3RD ACF INTERNATIONAL CONFERENCE ACF/VCA- 2008

(First announcement and call for papers)

11-13 November, 2008

Rex Hotel, HoChiMinh City- Vietnam



Organized by
Asian Concrete Federation ACF
Vietnam Concrete Association VCA

Under the auspices of
Vietnam Ministry of Construction MOC
Vietnam Federation of Civil Engineering
Associations ViFCEA

INTRODUCTION

Asian Concrete Federation (ACF) is a gathering organization for promotion of understanding of concrete technologies and structures among asian countries and neighboring region. The ACF regularly organizes the ACF International Conference for exchange of useful information on new research results and practice in the field of concrete technologies and structures.

After the two conferences organized in Bangkok, Thailand in 2004 and Bali, Indonesia in 2006, the 3rd of ACF International Conference will be organized in Vietnam in 2008.

The 3rd ACF International Conference will be held by the VCA in HoChiMinh city, the biggest city situated in the South of Vietnam, on 11-13 November, 2008 with the title as “*Sustainable Concrete Technology and Structures in Local Climate and Environment conditions*”. Since every concrete work is working in concrete climate and natural environment, the experts in field of concrete and concrete technology will exchange their new research results and practice in the mention above theme.

TOPICS

- New materials for concrete and products
- Special concretes
- Advanced concrete technologies that are suitable to local climate and environmental conditions
- Sustainable concrete technologies and materials
- Concrete structures appropriated for local climate and environmental conditions
- Concrete materials and structures for marine environment
- Earthquake resistant concrete structures

- Design, construction, maintenance and repair of concrete structures
- Construction management in large concrete structures
- Testing models for concrete and concrete structures
- Concrete codes and standards

LANGUAGE

The official language of the conference is English.

PROCEEDINGS

Accepted papers will be printed in Conference proceedings. All papers will be editorially reviewed.

CONFERENCE VENUE

The conference will be held at a 4 Stars Rex Hotel which is situated in centre of the city.

Website:

<http://www.rexhotelvietnam.com>



IMPORTANT DATES

Abstracts (300 words) should be submitted on 30 April 2008. Notification of acceptance will be given on 31 May 2008. Full paper manuscript should be submitted on 15 August 2008.

Note: All full papers must be prepared in "ready for print" manuscript in Microsoft word format.

REGISTRATION FEES

	Before 1 Sept 2008	After 1 Sept 2008
Registration Fee	US\$ 350	US\$ 400
For ACF members	300	350
For VCA members	200	250
For students	150/100	200/150

HOTEL RATE

The hotel rate will be among US\$ 60 – US\$ 150/night depending on hotel chosen by attendees.

DATE OF ACTIVITIES

11 – 12 November 2008:
3rd ACF Conference
13 November 2008:
Mekong Delta tour
8 – 10 November 2008:
ACF and ICCMC meetings

CONFERENCE TOUR

A no fee conference tour to Mekong River Delta will be organized for the 3rd day of the Conference for all attendees and their companions.



COMPANION PROGRAM

A companion program will be available for city's tour during conference time.

TECHNICAL EXHIBITION

Recent advanced concrete technologies and materials will be presented as technical exhibition by material, design and construction firms, which will be held at the same place as the Conference.

CONFERENCE WEBSITE

Announcement, instruction to writing papers, registration form and other information on the Conference will be uploaded on the websites:

<http://www.acf-org.com>

<http://www.iccmc.org>

<http://www.vca.vn>

FURTHER INFORMATION

For further information, please contact:

* Prof. Nguyen Tien Dich:

dichibst@hn.vnn.vn

* Hoi be tong Viet Nam:

betongvn@fpt.vn

Address of Conference Secretariat:
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Nha 10, Ngo 95, pho Chua Boc,
Hanoi, Vietnam
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betongvn@fpt.vn

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8th International Symposium on Utilization of High Strength and High Performance Concrete [Tokyo, 27 – 29 October 2008]

2nd Announcement and Call for Papers

8th International Symposium on Utilization of High-Strength and High-Performance Concrete



October 27 (Mon) – 29 (Wed), 2008
Toshi Center Hotel
Tokyo, Japan



Organized by

Japan Concrete Institute (JCI)
Japan Prestressed Concrete Engineering Association (JPCEA)
International Federation for Structural Concrete (fib)

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CALL FOR ABSTRACTS

We invite you to submit abstracts according to the following guidelines:

1. Submit your abstract through the symposium website. The submission window will be open from Sep. 1st to Dec. 15th, 2007. All submissions will be acknowledged as soon as possible following receipt.
2. The main symposium topics include high-strength concrete, self-compacting concrete, high-performance fiber reinforced concrete, highly durable concrete, high-ductility concrete. Other topics will be considered.

The sub-themes for submitting abstracts are:

- Testing Methods and Standardization
 - Concrete and Reinforcing Materials
 - Fresh Properties and Constructability
 - Mechanical Properties
 - Structural Performance
 - Durability and Long-Term Performance
 - Design Considerations
 - Fire Resistance
 - Applications
3. The following format guidelines should be used:
 - The abstract should be written in English and should not exceed 300 words.
 - Specific objective(s) of the study or project, and the methods and results, should be stated, but tables, figures and footnotes should be omitted.
 4. Members of the International Advisory Board and the International Scientific Committee will anonymously review all submissions, and then recommend abstracts for rejection or acceptance to the Organizing Committee.

5. Authors will be notified of the final decision via e-mail by February 15th, 2008.
6. For more details and an abstract template, please visit symposium website. All inquiries about abstract submission should be directed to the symposium secretariat.

IMPORTANT DATES

Submission of 300-word abstract:
Dec. 15th, 2007
Abstract acceptance and notification:
Feb. 15th, 2008
Submission of manuscript:
May 31st, 2008
Notification of manuscript acceptance:
Jun. 30th, 2008
Submission of final manuscript:
Jul. 31st, 2008

REGISTRATION FEES

	- Jun. 30 th 08	Jul. 1 st ,08 -
General	JPY 75,000	JPY 85,000
Students*	JPY 30,000	JPY 40,000
Accompanying person**	JPY 15,000	JPY 20,000

*: Banquet fee not included
**: Reception and banquet fees included.

Registration will start on Dec. 1st, 2007 on the website.

SYMPOSIUM VENUE

The symposium will be held at Toshi Center Hotel which is adjacent to the Imperial Palace in the heart of Tokyo.



ACCOMMODATIONS

JTB Global Marketing & Travel Inc. has been appointed as the official travel agent for this symposium, and will

handle hotel accommodations. Should you wish to reserve hotel rooms, please apply through the symposium website. If you have any inquiries, please contact the official travel agent:

JTB Global Marketing & Travel Inc.
E-mail: 8hsc-hpc@jtb.jp
Fax: 81-3-5495-0685

TECHNICAL EXHIBITIONS

Recent advanced concrete technologies and R&D work will be presented as technical exhibitions by material suppliers, design offices, engineering consultants, and construction firms. About 30 booths will be set up for exhibitors in a coffee break area. All inquiries about technical exhibitions should be directed to the symposium secretariat.

SOCIAL PROGRAM

A reception on October 26 (Sun), 2008 and a symposium banquet on October 28 (Tue) for participants and accompanying persons are included in the symposium. Technical excursions and tours of Tokyo will also be available as the post-symposium program. More information will be provided in the next circular.

SPONSORS

Japan Concrete Institute (JCI)
Japan Prestressed Concrete Engineering Association (JPCEA).

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American Concrete Institute (ACI)
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Asian Concrete Federation (ACF)
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Japan Society of Civil Engineers (JSCE)

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Japan Cement Association (JCA)
Japan Concrete Admixture Association (JCAA)
Japan Prefabricated Construction Suppliers and Manufacturers Association (JPCSMA)
Japan Prestressed Concrete Contractors Association (JPCCA)
Japan Ready-mixed Concrete Association (JRMCA)

Japan Structural Consultants Association (JSCA)
Nippon Slag Association (NSA)
Society of Materials Science, Japan (JSMS).

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Secretary General: Shunsuke Sugano
 (Prof. Emeritus, Hiroshima University)

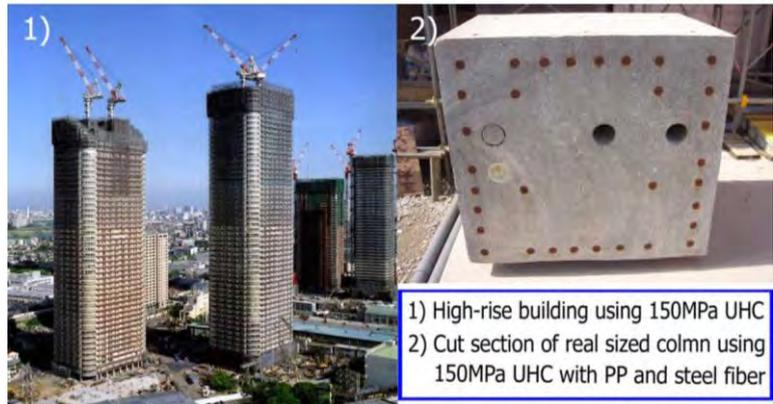
SYMPOSIUM WEBSITE AND SECRETARIAT

The information about the submission of abstracts, registration and social programs will be available through the following symposium website.

URL:
<http://www.jci-web.jp/8HSC-HPC/>

For more details, please contact the secretariat:

E-mail: 8hsc-hpc@jci-web.jp
 Fax: 81-3-3263-2115



1) High-rise building using 150MPa UHC
 2) Cut section of real sized colmn using 150MPa UHC with PP and steel fiber

For your information

Another international conference, the 8th International Conference on Creep, Shrinkage and Durability of Concrete and Concrete Structure (CONCREEP8) will be held from Sep. 30th to Oct. 2nd, 2008 in Ise-Shima, Japan. For details, visit the following website:
<http://concrete-lab.civil.nagoya-u.ac.jp/concreep8/>

The Editors of ACF Newsletter invite you to submit articles concerning the outstanding concrete buildings, bridges, or other infrastructures in your country. Please send your short article (1 – 2 pages) with photos by email to:

haki@cbn.net.id, with cc to:
fxsupartono@centrin.net.id

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