

# 1 CONSEC 04

## **4th International Conference** **on** **Concrete under Severe Conditions :** **Environment and Loading**

The 4th International Conference on Concrete under Severe Conditions of Environment and Loading (CONSEC 04) will be held in Seoul, Korea from June 20 - 23, 2004. The first conference in this CONSEC series was held in Sapporo, Japan in 1995 followed by the second conference in Tromsø, Norway in 1998. The third CONSEC was held in Vancouver, Canada in 2001. These previous CONSEC conferences were highly successful in that more than 400 experts participated actively in each conference from all over the world. The purpose of this fourth conference on Concrete under Severe Conditions (CONSEC 04) is to present and publish recent developments on this subject, and to continue the transfer of advanced technologies as widely as possible.

### **(ア) ■ CALL FOR PAPERS**

Original papers on the following topics are invited to be presented at the conference, and to be included in the proceedings. First of all, one page abstracts are invited on the following topics

#### **1. Performance of Concrete and Concrete Structures under Severe Environments**

- Chloride Penetration and Corrosion
- Deterioration Mechanism and Processes
- Long-Term Exposure Tests
- Long-Term Performance of Existing Structures
- Deterioration Assessment
- Analytical Methods
- Durability Mechanics
- New Test Methods

#### **2. Performance of Concrete and Concrete Structures under Severe Loadings**

- Performance under Fatigue Loading
- Performance under Impact Loading
- Performance under Seismic Loading

#### **3. New Design Concepts and Methods for Concrete Structures**

- Integration of Structural and Durability Design
- Codes and Standards

Life Cycle Management and Design

Life Cycle Cost Analysis / Design

#### **4. Performance of New and Special Concretes**

High-Performance Concrete

Self-Compacting Concrete

Anti-Washout Concrete

Test Methods for New Concretes

#### **5. Repair / Strengthening and Maintenance of Concrete Structures**

Structural Condition Assessment

Coatings and Surface Treatments

Strengthening and Repair Methods

Retrofitting for Seismic Loads and Maintenance Techniques

#### **6. Other Related Topics**

The official language of the conference is English. All papers shall be written and presented in English. Only those papers to be presented at the conference will be published in the proceedings.

#### **■ CONFERENCE DEADLINES**

**Submission of 250- word Abstracts : April 15, 2003**

Acceptance and Notification to Authors : **May 15, 2003**

Submission of Camera-ready Full Papers : **August 15, 2003**

Acceptance of Papers and Notification to Authors : **November 15, 2003**

Submission of Final Camera-ready Manuscripts : **January 15, 2004**

#### **■ SUBMISSION OF ABSTRACTS AND PAPERS**

One-page abstracts should be submitted by :

(1) By uploading abstract file through Homepage Connection: <http://conlab.snu.ac.kr/consec04>

(2) By e-mail: [bhohcon@snu.ac.kr](mailto:bhohcon@snu.ac.kr)

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## ■ KEYNOTE SPEAKERS(TO BE CONFIRMED)

Professor Z. P. Bazant, Northwestern University, USA

Professor O. E. Gjrv, Norwegian Univ. of Science and Tech., Norway

Professor H. W. Reinhardt, University of Stuttgart, Germany

Professor K. Sakai, Kagawa University, Japan

Professor S. P. Shah, Northwestern University, USA

## ■ VENUE

The conference will be held in one of the fine hotels in Seoul, Korea. Seoul is a well-harmonized city of modern as well as ancient culture. The participants will surely enjoy not only the conference itself, but also impressive culture of Korea. Normally, the weather is pleasant in Seoul in June. The temperature may vary between 15 and 27 .

## ■ REGISTRATION FEE

The conference registration fee, which includes attendance, proceedings, lunches, coffee breaks as well as reception, will be :

**Before March 1, 2004 : US \$ 580**

**After March 1, 2004 : US \$ 680**

## ■ EXHIBITION

A products and services exhibit will be open during the conference. If you are interested in having a display booth, please contact the conference secretariat.

## ■ SOCIAL PROGRAM

An interesting social program and an accompanying persons program will be arranged. The detail social program will be announced in the second circular.

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