

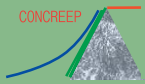
# 8th International Conference on Creep, Shrinkage and Durability of Concrete and Concrete Structures

(CONCREEP 8)



Aerial view of Shima Island where the conference venue is situated

Organized by



IA-CONCREEP



Japan Concrete Institute

<http://concrete-lab.civil.nagoya-u.ac.jp/concreep8/>  
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## ABOUT IA-CONCREEP

Creep, shrinkage and durability of concrete and concrete structures have been the focus of longstanding tradition conferences that can be traced back to almost fifty years ago. The first three conferences on concrete creep took place in Munich organized by Ruesch and Wittmann (1958, 1968), and in Leeds organized by Neville (1978). The fourth conference was held in Evanston in 1986, organized by Bazant. In 1993, Concreep 5 was held in Barcelona, organized by Carol and Bazant and the acronym CONCREEP was coined at that time for this series of events. Then, CONCREEP 6 was organized in Cambridge (USA) by Ulm in 2001. Each conference has been organized under the auspices of RILEM, with the sponsorship of national institutions and partners from industry. At the occasion of Cambridge conference, a new international association IA-CONCREEP with the purpose of sponsoring them permanently was established to meet the needs of ensuring the scientific character of CONCREEP conferences. The first conference under the auspice of IA-CONCREEP, "CONCREEP 7" was held at Nantes in 2005 by Pijaudier-Cabot.

CONCREEP 8 is organized to promote and develop further the original aims to foster and promote a better understanding of the mechanisms, modeling and prediction of creep, shrinkage and durability of concrete, cement-based materials and other quasi-brittle materials, and related subjects, which are located at the interface of solid mechanics, material science, experimental mechanics, and computational mechanics of cement-based materials, and the related structural engineering problems with the slight addition of the purpose of bridging effectively the mechanical and scientific researches and the practical aspects as tools for designing concrete structures.

## THEMES AND TOPICS OF CONCREEP 8

The scientific program of CONCREEP8, which will be held in Japan, will cover the following topics:

- Micromechanisms and micromechanics of creep and shrinkage
- Multiphase and multiscale approaches to creep, shrinkage and durability
- Interaction between creep and fracture in cement based materials
- Properties of early-age concrete

- Constitutive modeling and computational approaches to creep, shrinkage and durability
- Deterioration kinetics of concrete structures in aggressive environments and its modeling
- Chemo-mechanics of concrete deterioration
- Monitoring durability performances of concrete structures
- Creep and shrinkage of new concrete products
- Shrinkage reducing methods and agents
- Design, standard recommendations and codes for shrinkage, creep and durability of concrete structures

## CALL FOR PAPERS

Prospective authors are invited to submit a 300 words abstract following the guidelines provided on the CONCREEP 8 web-site (<http://concrete-lab.civil.nagoya-u.ac.jp/concreep8/>).

## IMPORTANT DATES

- Submission of 300 words abstract: Sept. 30, 2007\*
- Preliminary acceptance to authors: Jan. 15, 2008\*
- Submission of final camera-ready manuscript: Apr. 30, 2008\*
- Notification of final acceptance: May 31, 2008
- Meeting at Shima, Mie, Japan: Sept. 30 - Oct. 2, 2008

\*: tentative schedule

Further detailed information about the registration becomes available through the website:

<http://concrete-lab.civil.nagoya-u.ac.jp/concreep8/>

or ask us by e-mail:

CONCREEP8@civil.nagoya-u.ac.jp.



