CIRCULAR 1
CALL FOR PAPERS

SEVENTH CANMET/ACI
INTERNATIONAL CONFERENCE
ON
DURABILITY OF CONCRETE

SPONSORED BY

COMMITTEE
FOR THE ORGANIZATION OF
CANMET/ACI CONFERENCES
(ACI Council)
Ottawa, ON, Canada

CANADA CENTRE FOR MINERAL
AND ENERGY TECHNOLOGY
(CANMET)
Natural Resources Canada
Ottawa, ON, Canada

AMERICAN CONCRETE INSTITUTE
Farmington Hills, MI, U.S.A.

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IN CONSTRUCTION
National Research Council
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CO-SPONSORED by

The Euclid Chemical Company CANADA
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HANDY CHEMICALS LTD.
Candiac, QC

May 28-June 3, 2006
Hilton Bonaventure Hotel
MONTREAL, CANADA

website: http://www.cbu.uwm.edu
Issued September 2004
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(ACI Council)

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CALL FOR PAPERS

The First International Conference on the Durability of Concrete, known as the Katharine and Bryant Mather Conference, was held in Atlanta, U.S.A., in 1987. The Second International Conference on this subject, was held in Montreal, Canada in 1991, and the Third Conference was held in Nice, France in 1994, followed by the Fourth Conference in Sydney, Australia in 1997, the Fifth Conference in Barcelona, Spain in 2000, and the Sixth Conference in Thessaloniki, Greece in 2003. The purpose of this Seventh Conference on Durability of concrete, is to present and publish recent developments on this subject, and to continue the transfer of technology as widely as possible.

Original papers on the following topics are invited to be presented at the conference, and to be included in the refereed proceedings, to be published by the American Concrete Institute. Papers on current research will be accepted for presentation and inclusion in a volume of supplementary papers. Papers on on-going research may be presented as posters.

1. Sustainable development and durability of concrete
2. Durability of High Performance High-volume fly ash concrete
3. Freezing and thawing and de-icing salt scaling resistance of concrete
4. Near surface tests for predicting long-term durability of concrete
5. Design for durability: Specifications and their implementation
6. Effect of early curing on concrete durability
7. Durability of high-strength/high-performance concrete
8. Durability of concrete incorporating epoxy-coated reinforcement
9. Durability problems associated with alkali-aggregate reactions in concrete, and relevant testing methodology including accelerated testing, and management of affected structures
10. Chemical and mineral admixtures for mitigating the effects of ASR

(continued)
11. Long-term durability of concrete structures exposed to marine environment
12. Durability of concrete under temperature extremes/desert climate
13. Chloride-ion induced corrosion
14. Concrete to resist abrasion, erosion and cavitation
15. Specifications for durable concrete in hot, arid countries
16. Sulphate attack on concrete, and recent case histories
17. Carbonation effects
18. Durability of concrete incorporating fly ash, silica fume, slag, metakaolin/blended cements, including ternary blends
19. Durability of concrete-coating materials
20. Durability of concrete
21. New formwork materials to increase durability of surface concrete
22. Anti-washout concrete: durability aspects
23. Design for durability: how to overcome institutional barriers
24. Cost effectiveness and durable concrete
25. Roller-compact concrete: air entrainment issues
26. Durable concrete using superplasticizers and other chemical admixtures
27. Development of concrete for 500-year design life
29. Magnesium-based salts for de-icing concrete pavements
30. Test methods for determining on-set of reinforcement corrosion in concrete
31. Related innovative research
32. State-of-the-art papers
CONFERENCE DEADLINES

Submission of 200-word abstracts:
November 15, 2004

Acceptance and notification of authors:
December 15, 2004

Submission of draft manuscripts for review by American Concrete Institute:
April 15, 2005

Acceptance of papers and notification of authors:
August 15, 2005

Submission of final manuscripts to the American Concrete Institute:
January 15, 2006

Submit four copies of abstracts to:
V.M. Malhotra
CANMET
405 Rochester Street
Ottawa, ON, Canada K1A 0G1
FAX: 613-992-9389

ATTENTION:

When sending abstracts please provide the following information:

1) Author(s) Name(s).
2) Author(s) Affiliation(s).
3) Complete mailing address, fax number, and e-mail address.
4) If more than one author, please specify with whom you wish us to correspond.
5) Either fax or mail abstract(s). Please do not do both.
REGISTRATION FEE

The conference registration fee will be:

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<td>April 20, 2006</td>
<td>$675.00 U.S.</td>
<td>$775.00 U.S.</td>
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Students/Developing Countries:

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CONFERENCE LANGUAGE

The papers may be presented in English or French. Simultaneous translation will be provided.

CONFERENCE LOCATION

HILTON BONAVENTURE HOTEL
Montreal, Canada

Single or Double: Can. $209.00 + taxes
The above rate does not include breakfast.
The hotel is located in downtown Montreal.
SYMPOSIUM
in honour of

Dr. Kenji Sakata
Department of Environmental and Civil Engineering
Okayama University
Okayama, Japan

A one-day symposium will be held during the conference to honour Dr. Kenji Sakata for his outstanding and sustained contributions to concrete technology over the past 35 years, and for his active support of CANMET/ACI conferences.

Internationally known researchers and engineers from various countries will present technical papers at the symposium.

The symposium will be followed by a dinner.

Symposium Coordinator/Editor:

Prof. T. Bremner
Dept. of Civil Engineering
University of New Brunswick
Fredericton, NB