

SOCIAL PROGRAM

Optional night tour "Cormorant Fishing on the Nagara River" will be organized. Pre-registration is recommended for the night tour, since the number of seats is limited. If you plan to participate in the night tour, please contact the travel agency JTB mentioned below.

Social programs for accompanying persons will be also organized during the Conference, including tours and visits for example to a famous shrine, old lovely towns, and so on.

Travel Arrangement and Hotel Information

JTB Event & Convention Service (JECS) has been appointed as the official travel agent for the Conference and will handle all related arrangements, including registration, accommodation and travel. Inquiries should be addressed to:

JTB Event & Convention Service (JECS)
Gifu Office
Matsuhisa Office Bldg. 2F
2-12, Kanda-machi, Gifu 500, Japan
Tel. +81-58-264-1286 Fax: +81-58-264-1275

FURTHER DETAILED INFORMATION

Further detailed information about the Conference Organization is available through Internet.

WWW home page: <http://framcos3.archi.tohoku.ac.jp/framcos3/>

All Inquiries to:

CONFERENCE SECRETARIAT FRAMCOS-3

Prof. H. Mihashi

Dept. of Architecture

Faculty of Engineering

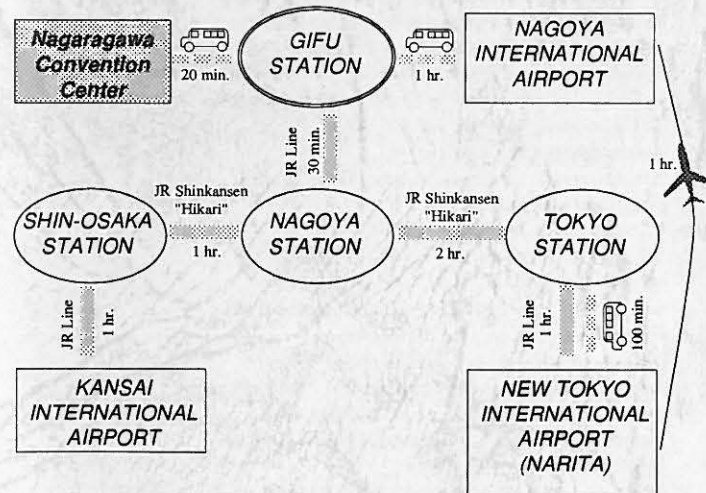
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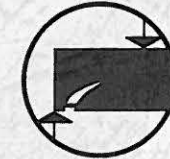
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IAFramCoS

International Association for Fracture Mechanics of
Concrete and Concrete Structures

First Announcement and Call for Papers



FRAMCOS-3

Third International Conference
on Fracture Mechanics of
Concrete and Concrete Structures

October 12 - 16, 1998

Nagaragawa Convention Center
Gifu, Japan



Co-sponsored by Japan Concrete Institute (JCI)

under the auspices of
American Concrete Institute (ACI)
Architectural Institute of Japan (AIJ)
Japan Society of Civil Engineers (JSCE)
The International Union of Testing and Research
Laboratories
for Materials and Structures (RILEM)
(Tentative)

ORGANIZATION OF FRAMCOS-3

The Conference will be held in Gifu, Japan under the sponsorship of International Association of Fracture Mechanics of Concrete and Concrete Structures (IAFramCoS) with the co-sponsorship of Japan Concrete Institute (JCI). The Conference also relies on the scientific co-operation of ACI, AIJ, JSCE and RILEM.

Board Members of IAFramCoS:

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S. Tanabe, T. Tsubaki, Y. Nobuta, S. Hatanaka, M. Matsushima,
A. Mikame, T. Mishima, E. Mizuno, M. Ohtsu, M. Suzuki, Members.
K. Ikeda, S. Ishiguro, K. Mackawa, K. Murakami, T. Ueda,
Corresponding Members.

CALL FOR PAPERS

Prospective authors are invited to submit one page abstracts of their proposed papers to the Conference Secretariat FRAMCOS-3 not later than May 31, 1997. The authors are encouraged to include references to their recent or up-coming work in the abstract.

Abstracts should be prepared in English and typewritten. Please use the Abstract Form enclosed or send by E-mail with an almost same format as the form. Authors will be notified of the acceptance/rejection of their papers by August 31, 1997.

CONFERENCE SCOPE AND TOPICS

In October 1998, the Third International Conference on Fracture Mechanics of Concrete and Concrete Structures (FRAMCOS-3) will be held in Gifu, Japan. The Conference is a continuation of two previous events. The First International Conference on Fracture Mechanics of Concrete Structures (FRAMCOS-1) was held in Breckenridge, Colorado in June 1992, organized by Z.P. Bazant. The proceedings were published by Elsevier. The Second International Conference on Concrete and Concrete Structures (FRAMCOS-2) was held in Zurich, Switzerland in July 1995, organized by F.H. Wittmann. The proceedings of three volumes were published by Aedificatio. All these proceedings show that fracture mechanics of concrete and concrete structures is now one of the most exciting topics in the field of concrete and concrete structures.

The scientific program will cover all aspects of fracture mechanics of concrete and concrete structures as well as other quasi-brittle materials. Emphasis will be placed on the following topics:

- New Findings in Fracture Phenomena and Fracture Mechanisms
- Advances in Experimental Methods for Fracture and Damage
- Standard Tests to Determine Fracture Mechanics Parameters
- Statistical Aspects of Fracture
- Nondestructive Detection of Fracture and Damage
- Theoretical Models for Fracture and Damage
- Micromechanics of Fracture and Damage
- Advances in Computational Modeling and Numerical Analysis
- Validation of Theoretical and Computational Models
- Localization, Bifurcation and Stability
- Probabilistic Failure Analysis
- Interaction with Creep under Long-Term Loading
- Size Effect and Scaling Laws
- Cracking due to Shrinkage and Corrosion
- Influence of Temperature and Environment
- Mixed-Mode Fracture and Crack Propagation
- Rate Effects and Time-Dependent Fracture
- Fracture and Damage due to Fatigue
- Fracture of Reinforced and Prestressed Concrete
- Applications to Structural Elements and Real Structures
- Design Methods Based on Fracture Mechanics
- Fracture Aspects of Earthquake Resistance Design
- Implications for Design Codes
- Development of New Materials (High Strength, High Toughness)
- Repair Strategies

DIVISION COORDINATORS

Div. A: Mechanical Theory & Materials Science/ Li, V.C. (Univ. of Michigan, USA) & Horii, H. (Univ. of Tokyo, Japan)
Div. B: Computational Modelling & Numerical Analysis/ Mazars, J. (ENSC, France) & Willam, K. (Univ. of Colorado, USA)
Div. C: Experiments & Standard Tests/ van Mier, J.G.M. (Delft Univ. of Tech., The Netherlands) & Elices, M. (Polytech. Univ. of Madrid, Spain)
Div. D: Engineering Practice/ Modeer, M. (Offshore Design A.S., Norway) & Rokugo, K. (Gifu Univ., Japan)
Div. E: Subjects in General/ Mihashi, H. (Tohoku Univ., Japan), Bazant, Z.P. (Northwestern Univ., USA), de Borst, R. (Delft Univ. of Tech., The Netherlands), Gettu, R. (ETSECCPB-UPC, Spain) & Wittmann, F.H. (ETH-Zürich, Switzerland)

LANGUAGE

The official Conference language is English.

PROCEEDINGS

Conference proceedings will be published by Aedificatio and will be available at the Conference. Abstracts and full papers are reviewed by the Scientific Committee and the Local Organizing Committee.

Aedificatio will provide all authors of accepted contributions with detailed guidelines on how to prepare camera-ready manuscripts.

CALENDAR FOR THE PREPARATION OF THE CONFERENCE

As soon as possible	Return the enclosed interest form.
May 31, 1997	Deadline of abstracts submission.
August 31, 1997	Preliminary acceptance to the authors.
January 31, 1998	Submission of camera-ready manuscripts.
May 31, 1998	Notification of final acceptance.
October 12-16, 1998	Conference held in Gifu, Japan.

REGISTRATION FEES

Conference registration fees include: proceedings, admission to all scientific programs, welcome party, conference bag. Banquet fee (¥5,000/person) is not included.

	before Sept. 15, '98	after Sept. 16, '98
General Participant	¥40,000.	¥50,000.
Young Participants (< 30)	¥30,000.	¥40,000.
Overseas Young Participants (< 30)	¥15,000.	¥20,000.
Accompanying Persons	¥15,000.	¥20,000.