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### CALENDAR

March 29, 1985	Deadline for Abstracts
May 15, 1985	Acceptance Notification, Registration Packet
July 1, 1985	Deadline for Registration
August 30, 1985	Deadline for Posters, Papers

### SYMPOSIUM ADVISORY COMMITTEE

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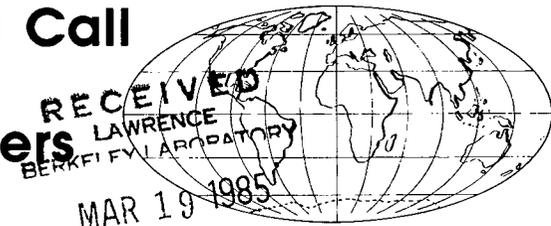
C.F. Tsang, Lawrence Berkeley Laboratory, Chairman

### CONFERENCE COORDINATOR

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## Second Announcement and Call for Papers



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DOCUMENTS SECTION

## International Symposium on Coupled Processes Affecting the Performance of a Nuclear Waste Repository

September 18–20, 1985

Lawrence Berkeley Laboratory  
University of California  
Berkeley, California

Sponsored by the U.S. Department of Energy  
and the U.S. Nuclear Regulatory Commission  
in cooperation with the OECD Nuclear  
Energy Agency and the Commission of the  
European Communities

**For Reference**

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## OBJECTIVE

The symposium will provide an opportunity for scientists working on either experimental or theoretical aspects of the performance of nuclear waste repositories to discuss the results of their research and to assess the state of our current knowledge of the special problems posed by the coupling of physical and chemical processes in geologic formations. Thermal (T), hydrological (H), mechanical (M), and chemical (C) processes are commonly coupled, not just in combinations of two (e.g., T-H or H-C) but in combinations of three (e.g., T-H-C) or even four (T-H-M-C). The symposium has the aim of identifying all such processes and evaluating their significance to nuclear waste isolation. The emphasis of the meeting will be on results of recent studies and plans for future investigations designed to improve our understanding of those processes, including theoretical calculations, laboratory measurements, and field tests. An attempt will be made to integrate the results of the diverse lines of research being pursued by various research groups into a unifying framework that will increase our ability to assess the impact of coupled physical and chemical processes on nuclear waste repositories. The program will be designed to encourage informal discussion. Please observe all deadlines if you wish to attend.

## INSTRUCTIONS

Please submit your abstract to

Dr. C.F. Tsang  
Earth Sciences Division, Bldg. 50E  
Lawrence Berkeley Laboratory  
Berkeley, California 94720  
U.S.A.  
Telex: 910-366-2037

The deadline for receipt of abstracts is *March 29, 1985*. Abstracts must be typewritten single spaced in English on good bond paper and must be limited to 500 words. Submit the original and two copies. Line drawings and tables may be included if appropriate. Abstracts will be used for selecting the papers and posters and for program scheduling. Authors chosen to submit papers or posters will be notified by *May 15, 1985*. Typing instructions and forms on which to prepare camera-ready manuscripts will accompany the notification of acceptance. Completed manuscripts must be received by *August 30, 1985*. An outline of the final program, details of registration, accommodations, etc., will also be sent by *May 15, 1985* with the notification of acceptance. A collection of the accepted papers will be handed out at the symposium.

Note that final camera-ready manuscripts must be received by *August 30, 1985* to ensure their inclusion in the published proceedings.

## SUMMARY OF TECHNICAL SESSIONS

- Wednesday, Sept. 18    Overview of coupled processes in nuclear waste isolation.  
Review of current nuclear waste isolation field projects.  
Reports by invited speakers on field studies in the U.S.A. and Europe, including research being conducted or planned.
- Thursday, Sept. 19    Three sessions covering coupled processes, with emphasis on geochemistry, geohydrology, and geomechanics. Presentation in each session of an invited overview paper and several short contributed papers. Ample time for informal discussions in each topic area.
- Friday, Sept. 20    Panel discussion on coupled processes in nuclear waste isolation. Brief presentations by panel members followed by open discussion of coupled processes affecting repository performance. Audience participation.

## LOCATION

The symposium will be held in the Building 50 auditorium at the Lawrence Berkeley Laboratory.

## REGISTRATION

The registration fee of \$75 will include a copy of the published proceedings and attendance at the symposium banquet. Registration packets will be sent by *May 15, 1985*. To ensure opportunity for discussion, the number of participants will be limited. Those interested should therefore send in the response form as soon as possible.

## ACCOMMODATIONS

Details on accommodations and other pertinent information will be included in the registration packets.

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## RESPONSE FORM

Name \_\_\_\_\_ (title) \_\_\_\_\_ (first name) \_\_\_\_\_ (initial) \_\_\_\_\_ (last name)  
Organization \_\_\_\_\_  
Full Address \_\_\_\_\_  
Telephone \_\_\_\_\_ Telex \_\_\_\_\_

\_\_\_\_\_ I wish to attend the symposium.

\_\_\_\_\_ Please send further information.

\_\_\_\_\_ I intend to submit an abstract.

Subject \_\_\_\_\_

\_\_\_\_\_ I will not be able to attend.