

# CONFERENCE on the ORIGIN of the EARTH

December 1-3, 1988    Berkeley, California

## SECOND CIRCULAR - CALL FOR ABSTRACTS

June 13, 1988

We have been gratified at the response to our announcement of the LPI topical conference on the Origin of the Earth. Over five hundred replies were received in response to our first circular, so we anticipate a large attendance. We actively solicit your contributions and hope that you will be able to attend the meeting, which will be held the Thursday, Friday and Saturday (December 1-3, Berkeley, CA) before the fall meeting of the American Geophysical Union (December 5-9, San Francisco, CA).

**Meeting Location:** The meeting will be held in the renowned Claremont Hotel in the Berkeley Hills. The hotel is approximately 20 minutes from the San Francisco International Airport and about 10 minutes from the Oakland Airport. Shuttle service is available between the hotel and both airports. The Claremont is offering a discounted rate of \$62/night for single occupancy, \$72 for double occupancy. If you intend to bring a car, please be aware that the hotel charges \$5/day for parking. Further information about the meeting facility and location will be included in the final circular, which should reach you in early October. Questions regarding logistics should be directed to the LPI Projects Office at 713-486-2150.

**Abstracts.** This announcement is the formal call for abstracts. They are to be a maximum of two standard LPI page including text, figures, tables and references. Abstracts on any subject related to the origin of the Earth and the origin of the chemical and physical reservoirs that we infer today are welcome. Particular topics that will be addressed by invited speakers are:

**Accretion** (S. J. Weidenschilling)

**Differentiation** (A. W. Hofmann)

**Origin of the Core** (T. J. Ahrens)

**Chemical composition** (H. Wänke/H. Pälme)

**Mass and heat transfer within the Earth** (G. F. Davies)

**Origin of the atmosphere and hydrosphere** (R. O. Pepin)

**Implications of the presence of biological life** (J. C. G. Walker)

**Origin of the Moon: Implications for the origin of the Earth** (H. J. Melosh)

The deadline for receipt of abstracts is **September 9, 1988**. Forms and instructions for preparation are enclosed. In addition to the original abstract, six copies are required. Authors may request oral, poster, or print only presentations. However, because of the high level of interest that has been expressed and because of the commensurate shortage of time, it may be necessary to assign some oral contributions to poster sessions. In such instances, the decision of the program committee will be final. Contributed talks will be allocated a total of 15 minutes for presentation and discussion; invited talks will be allocated a total of 30

minutes. Poster/keg sessions will be held immediately after the afternoon sessions of December 1 and 2.

**Proceedings Volume.** In addition to abstracts, we also solicit contributions to a proceedings volume that will follow the conference. The deadline for submissions of manuscripts to the proceedings is very provisional. Final details are dependent on the results of the questionnaires and the arrangements between the co-conveners and the LPI. Guidelines for Authors and publication details will be mailed after the conference to everyone who returns the questionnaire concerning submission. Please indicate on the abstract form an estimate of the probability that you will submit a proceedings manuscript.

We look forward to hearing from you and to receiving your contribution. We particularly hope that, if you intend to attend the fall AGU meeting, you will consider arriving a few days early to join our conference.

#### **The Organizing Committee**

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# LUNAR AND PLANETARY INSTITUTE

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## Lunar and Planetary Institute Topical Conference on

**THE ORIGIN OF THE EARTH**  
November 30-December 3, 1988

### **FIRST CIRCULAR**

November 1987

The Lunar and Planetary Institute announces a conference on the origin of the Earth and its differentiation into the physical and chemical reservoirs that are observed today. The focus of the conference will be on outstanding problems which are crucial to our understanding of the formation of the Earth and its earliest history. The scope of this subject is such that we wish to encourage the synthesis of many different disciplines. We expect the conference discussion to range from astrophysics to petrology - from the theoretical aspects of accretion to the constraints placed by the rocks we sample today.

To encourage attendance from both the geological and planetary science communities we have scheduled the conference for the week preceding the 1988 fall AGU meeting in San Francisco. The exact location of the conference has not as yet been determined, but probably will be in the Napa Valley. On Monday of this year's AGU there will be a special session on topics related to the early Earth, which we hope will serve as an introduction to the conference topics.

To continue to receive announcements regarding this meeting, we ask that you please complete and return the enclosed "Indication of Interest Form". For further information on the conference please contact any of the following:

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