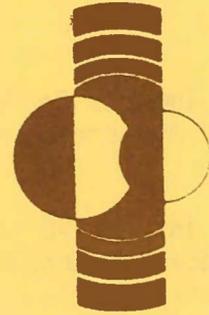


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# LUNAR AND PLANETARY INSTITUTE

3303 NASA ROAD 1 HOUSTON, TEXAS 77058 CABLE ADDRESS: LUNSI

CONFERENCE OFFICE  
(713) 486-2150



LPI/NAS Topical Conference on

LARGE BODY IMPACTS AND TERRESTRIAL EVOLUTION:  
GEOLOGICAL, CLIMATOLOGICAL, AND BIOLOGICAL IMPLICATIONS

October 19-22, 1981

## SECOND ANNOUNCEMENT

Dear Colleague:

The Lunar and Planetary Institute and the National Academy of Sciences will jointly sponsor a topical conference on "Large Body Impacts and Terrestrial Evolution: Geological, Climatological Implications" October 19-22, 1981, in Snowbird, Utah.

Large meteorites and comets of kilometer size or greater have collided with the earth throughout its history. This conference will be a forum for interactive discussions of possible effects of these impacts on geological, climatological, and biological evolution, by scientists representing many different disciplines, approaches and viewpoints. Responses to the first announcement, and to invitations to present papers in certain key areas, promise wide-ranging and comprehensive contributions and discussions in the following major topical areas:

- 1) Nature and Flux of Near-Earth Objects and the Geological Evidence of their Interactions
- 2) Physics of High Energy Impacts
- 3) The Biological Record and Evidence for Catastrophic Extinction
- 4) Searching the Extensive Geological Record for Physical Evidence of Major Impacts
- 5) Meteorological and Climatological Consequences of Large Scale Impacts

Contributed papers are welcome in any of the subtopics listed in the first announcement or in other areas that seem particularly relevant.

Those interested in participating who have not already responded to the first announcement should address or telephone their intention to attend and the title of their contribution, if one is planned, to Earth Impacts, Lunar and Planetary Institute, 3303 NASA Road 1, Houston, Texas, 77058, telephone 713-486-2150.

**PUBLICATIONS:** Written contributions to the abstract volume should arrive at the Lunar and Planetary Institute as camera-ready copy by August 15, 1981. Detailed instructions and forms for preparing one-page abstracts are enclosed with this mailing. Abstracts are not limited to papers intended for oral presentation, but should address the subject of the meeting directly. The abstract volume will be distributed to all participants during conference registration.

As indicated in the initial announcement, a timely post-conference publication is planned. This publication will consist of papers solicited from among the contributions to the conference, based upon review of submitted abstracts. Manuscripts will be due by November 20, one month following the conference. Publication arrangements are being made for early, widespread dissemination. We believe this publication will receive wide attention, and we urge your participation. Further details on proceedings plans will be provided at the conference.

**POSTER PRESENTATIONS:** Space will be allocated for poster presentations to be exhibited in the coffee/discussion area adjacent to the meeting room. These presentations are being offered as an alternative to oral presentations. In addition, display and exhibit space will be available. Please write to reserve space if you wish to bring a display.

**PRE-REGISTRATION:** A pre-registration fee of \$45 (\$50 late registration) will be assessed each participant to help offset meeting costs. Forms for pre-payment of this fee will be included in the final announcement, to be sent in late August.

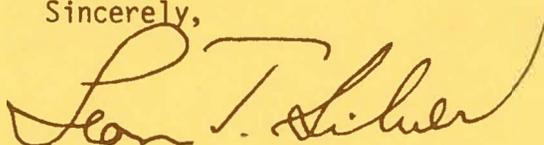
**MEETING LOCATION:** The meeting will take place at the Snowbird Ski and Summer Resort at Snowbird, Utah, located about 30 miles from Salt Lake City. The facility offers excellent meeting rooms, a comfortable climate, reasonable rates, and a beautiful setting. We will coordinate van service between Salt Lake International Airport and Snowbird at a roundtrip cost per participant of about \$15. The spirit of the meeting will be casual, and comfortable clothes are suggested. Jackets will be required for cool evenings, and comfortable walking shoes are recommended. The resort itself is a self-contained village, with several restaurants, cocktail lounges and shops. Heated swimming pools, saunas and tennis are provided for guests. Snowbird personnel will be available to help plan tours of the local area for those who may be interested. The rate for a single room is \$32 per night. Detailed information on overall costs, reservations, transportation, etc. will be included in the final announcement.

**AUDIO-VISUAL AIDS:** Single screen projection of 35-mm slides and of viewgraphs will be available. Please contact Pam Jones at LPI if you will need

other equipment. We need two students who would be willing to serve as projectionists during the meeting in return for having their registration fees waived. Please contact Pam at LPI if interested. Questions regarding meeting logistics should be addressed to Pamela Jones, Projects Administrator, Lunar and Planetary Institute (713-486-2150).

We look forward to meeting with you in October.

Sincerely,



Leon T. Silver, Chairman  
for the Organizing Committee

The Organizing Committee

Kevin Burke  
State University of New York, Albany

Robert O. Pepin  
University of Minnesota

George Carrier  
California Institute of Technology

Peter Schultz  
Lunar and Planetary Institute

Lee Hunt  
National Academy of Sciences

Eugene Shoemaker  
U.S.G.S., Flagstaff

Heinz Lowenstam  
California Institute of Technology

Leon Silver  
California Institute of Technology

J. Murray-Mitchell  
Environmental Data & Information Services

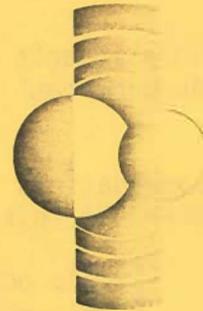
George Wetherill  
Carnegie Institution



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## F I N A L   A N N O U N C E M E N T

September 11, 1981

Dear Colleague:

This is the final announcement concerning the Lunar and Planetary Institute/National Academy of Sciences Conference on Large Body Impacts and Terrestrial Evolution, which will be held at the Snowbird Conference Center (30 miles north of Salt Lake City) October 19-22, 1981. Response to the previous announcements has been excellent, and we look forward to an exciting and productive meeting. A tentative program is enclosed. If you have colleagues who are interested in attending the meeting, but who have not received information, please feel free to duplicate this announcement and to pass it along to them. There is ample room at the conference facility to accommodate all active participants as well as those who wish only to come and listen.

**REGISTRATION:** Registration will be open on Sunday, October 18, from 6:30 p.m. until 10:00 p.m., and each day of the conference from 8:00 a.m. until Noon at the Cottonwood Conference Area, Snowbird Center (map enclosed). Light refreshments will be served Sunday evening during registration. The fee for registration is \$50 for those sending pre-payment prior to October 12, and \$55 thereafter. A pre-registration form is enclosed.

**DINING:** The registration fee includes the cost of lunches during the meeting. Breakfasts and dinners will be left to the participant to arrange, and will be available at any of several restaurants located at Snowbird (list enclosed). Cocktail service is available in several restaurants. Information on Utah liquor laws is enclosed for your information.

**ACCOMMODATIONS:** As mentioned in the Second Announcement, the spirit of the meeting and of the environment is definitely casual. Jackets or sweaters will be necessary for cool evenings, and comfortable walking shoes are recommended. A brochure describing the facilities is enclosed. Please note that the prices

for accommodations listed in the brochure are not the conference rates negotiated for this meeting. Our rates are as follows:

Single occupancy bedroom:	\$32
Double occupancy bedroom:	\$36
Single occupancy studio:*	\$36
Double occupancy studio:	\$40
Suites (1-6 people)	\$62

\*Studios have Hollywood style beds or hideabeds, and feature kitchenettes.

A reservation card is enclosed. It should be completed and returned with your \$10 deposit directly to Snowbird. If you wish to have a roommate assigned in a double-occupancy room, please indicate so on the upper left-hand corner of the card. If you wish to share with someone specific, please include his/her name.

TRANSPORTATION: Transportation between Snowbird and Salt Lake City is available from Lewis Brothers Van Service at the Salt Lake Airport. You may make reservations to use this service by completing the enclosed blue card and returning it directly to Lewis Brothers. Please note that it will be cost effective to wait until there are four or more in the van to avoid the higher rate applied when there are fewer passengers. The van company will have the schedules of those who return the cards, and should be able to assist you with coordination. If you decide to rent a car and drive to Snowbird (about a 45-minute drive), be sure to use ENTRY 3 (see enclosed map). This entry will place you in the most convenient parking area for access to the lodge and meeting facility. Departures from Salt Lake should not be planned before about 6:30 p.m. on Thursday, since the last session is scheduled to last until at least 5:00 p.m.

POSTER SESSION: On Tuesday evening, October 20, authors of poster presentations will be available to discuss their contributions during a no-host social hour commencing immediately following the close of the afternoon session. Those who may wish to put up an exhibit which is not part of the official poster program may do so by letting me know the space requirements prior to the meeting.

AUDIO-VISUAL AIDS: Single screen projection of 35mm slides and of overheads will be available. Speakers should complete the enclosed cue sheet and give it to the projectionist together with their materials prior to the start of the session in which they are scheduled to speak. If you require AV aids other than those listed, please let me know at once.

We would like to recruit two or three students who are willing to serve as projectionists in return for having their registration fee waived. If you know anyone who may be interested, please have them contact me.

ABSTRACT VOLUMES: Copies of the conference abstract volume will be distributed during registration. Following the meeting, volumes may be ordered from the Lunar and Planetary Institute Library for the actual cost of postage to have them mailed to you.

PROCEEDINGS: A timely post-conference proceedings will be published following the conference. This publication will consist of papers solicited from among the contributions to the conference, based upon review of submitted abstracts. Manuscripts are due November 20. Details concerning the preparation of papers and mode of publication will be available during the conference.

MESSAGES: During the time that the conference is in session, messages will be taken and posted just outside the meeting room. The number to call to leave messages is 801-742-2222.

If you have questions regarding the program or conference logistics, please feel free to call me or any member of the Program Committee. I look forward to seeing each of you in October.

Sincerely yours,



Pamela Jones  
Conference Administrator  
for the Program Committee

Enclosures

Tentative Program  
Reservation Card/Accommodations  
Reservation Card/Transportation  
Audio-Visual Cue Sheet  
Pre-Registration Form  
Two maps  
Restaurant Guide

PROGRAM COMMITTEE

Kevin Burke  
SUNY, Albany  
(518) 457-3974

Robert O. Pepin  
University of Minnesota  
(612) 373-7874

George Carrier  
Harvard University  
(617) 495-3788

Peter Schultz  
Lunar and Planetary Institute  
(713) 486-2174

Lee Hunt  
National Academy of Sciences  
(202) 389-6755

Eugene Shoemaker  
U.S.G.S., Flagstaff  
(602) 779-3311, x 1544

Heinz Lowenstam  
Caltech  
(213) 356-6509

Leon T. Silver, CHAIRMAN  
Caltech  
(213) 356-6490

J. Murray Mitchell  
Environmental Data and  
Information Services  
(301) 427-7609

George Wetherill  
Carnegie Institution  
(202) 966-0863