

NOTICES

Required back numbers of *The American Mineralogist*, Vol. 1-42 (1916-1957). Any or all volumes would be considered. Please write quoting prices to the Ulster Museum, Geology Department, Belfast BT 9 5AB, Northern Ireland. (Tel. Belfast 668251 Ext. 66).

J. O'NEILL
Administrative Officer

Microscopy Short Courses. A variety of 3-5 day courses presented throughout the year in Chicago, Illinois, and other locations. For a catalog and 1977 schedule contact: Ms. Nancy Daerr, Registrar, McCrone Research Institute, 2508 S. Michigan Avenue, Chicago, Illinois 60616 (Tel. 312-842-7105).

New journal

Catastrophist Geology: a magazine dedicated to the study of discontinuities in Earth history. Vol. 1, no. 1, June 1976. Johan B. Kloosterman, Editor, Caixa Postal 41.003, Rio de Janeiro, Brazil. Annual subscription (4 quarterly issues), US \$10.

A new opportunity for academic space experiments

NASA's LDEF (the Long Duration Exposure Facility) will offer scientists a new opportunity for space research. LDEF is a large passive unmanned structure on which over 70 separate self-contained experiment packages will be mounted. It will be carried aloft by the Space Shuttle Transportation System, left to orbit the Earth for a number of months, then retrieved, brought back to Earth, and the experiments returned to their owners for analysis. LDEF offers prolonged exposure to the conditions at its 300 n.mi. orbital altitude: weightlessness, extreme vacuum, high particle and radiation fluxes. A unique feature is the return of materials and instruments at the end of the mission.

The Universities Space Research Association (USRA) has been given the task of seeking worthwhile experiments for LDEF in all fields of science and technology, particularly from academic scientists. NASA will provide preflight acceptance testing, orbital flight and return for experiments endorsed by USRA. Experimenters will need to secure research funding—USRA will assist in this, and in all phases of experiment development and management, where necessary.

WRITE: USRA—Dr. M. H. Davis
P.O. Box 3006
Boulder, Colorado 80307 (303) 449-3414

ICCG-5 and ISSCG-3

The Fifth International Conference on Crystal Growth (ICCG-5) will be held on the campus of the Massachusetts Institute of Technology, July 17-22, 1977. All aspects of crystal growth including growth theory and mechanisms, techniques of crystal growth, the growth of materials for research and industrial applications, crystal growth films and crystal characterization will be covered in invited and contributed papers.

The Third International Summer School on Crystal Growth (ISSCG-3) will be held July 10-16, 1977, on the campus of the University of New Hampshire, Durham, New Hampshire, the week preceding ICCG-5. The lectures, by a distinguished group of international instructors, will emphasize the basis of crystal growth theory and practice leading up to the level of research activities in the field. Topics emphasized will include the growth of semiconductor, magnetic, laser and metallic materials. For further information write K. Nassau, Bell Laboratories, Murray Hill, New Jersey 07974.