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For additional information, please write:

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lasers and masers which is being arranged by R. J. Collins of the University of Minnesota. The program will include papers by Robert W. Terhune of the Ford Motor Company, N. S. Kapany of Optics Technology Inc., George R. White of the Sperry Gyroscope Corporation, and Henry H. Plotkin of NASA's Goddard Space Flight Center. Another interdisciplinary symposium to be held the same morning will deal with philosophical aspects of cosmology and cosmogony and will be presented jointly by Section L (History and Philosophy of Science), Section B, and Section D. Arranged by Adolf Grünbaum of the University of Pittsburgh, the program will include papers by G. C. McVittie of the University of Illinois and O. Heckmann of the University of Hamburg. During the afternoon of December 28, Arthur L. Schawlow will be one of two speakers at the special session, "Moving Frontiers of Science, Part II". His topic will be infrared and optical masers. At 8 p.m. that evening, Paul M. Gross will deliver his retiring presidential address, entitled "The Fifth Estate in the Sixth Decade".

Rheology

A program of invited and contributed papers is being arranged for the winter meeting of the Society of Rheology, which will be held February 3-4, 1964, at the Claremont University Center in Claremont, Calif. Titles of contributed papers should be submitted prior to December 1, abstracts should be sent before December 10, and manuscripts of papers presented should be received on or before February 15 for inclusion in the published *Transactions of The Society of Rheology*. Titles and abstracts should be sent to the chairman of the winter meeting, Dr. Thor L. Smith, Stanford Research Institute, Menlo Park, Calif. Manuscripts of accepted papers may be sent either to Dr. Smith or to the editor of the *Transactions*, Professor Raymond R. Myers, Chemistry Department, Lehigh University, Bethlehem, Pa.

Accelerators

A Conference on High-Energy Cyclotron Improvement will be held February 7-8 at the College of William and Mary in Williamsburg, Va. The meeting is intended to facilitate communication among cyclotron laboratories regarding the various approaches to synchrocyclotron improvement in the 100-800-MeV range. Representatives of each participating laboratory will be given the opportunity to discuss their machine-improvement programs. Inquiries should be directed to Prof. Robert T. Siegel, Department of Physics, College of William and Mary, Williamsburg, Va.

Radiation Biology

The 18th Annual Symposium on Fundamental Cancer Research, which meets March 2-4 at the Shamrock Hilton Hotel in Houston, will be devoted to cellular