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I.A.U. COLLOQUIUM (No.21) ON VARIABLE STARS
IN GLOBULAR CLUSTERS AND IN RELATED SYSTEMS

This colloquium will be held at the University of Toronto, Toronto, Ontario, Canada on 29, 30, 31 August, 1972 at the invitation of the David Dunlap Observatory. The colloquium is sponsored by I.A.U. Commission 27 (Variable Stars) and the intention is that the meeting will honour the lifelong work in this field by Prof. Helen Sawyer Hogg. The Scientific Organizing Committee approved by the I.A.U. Executive consists of: L. Rosino, B.V. Kukarkin, H.S. Hogg, L. Detre, N. Baker, S. van Agt and M.W. Feast (Chairman).

It is hoped to cover both observational and theoretical aspects of this problem including the relationship of variables to non-variable cluster members, the position of the variables in the HR diagram and their importance for problems of stellar evolution and mass loss, empirical data on the variables, periods and period changes, and the relevant parts of pulsation theory. Provisionally a division has been made into the following four main topics.

- (1) RR Lyrae variables in clusters; observational work
- (2) Slow Variables ($P > 1^d$) in clusters; observational work
- (3) Population II variables in dwarf spheroidal galaxies
- (4) Population II variables; theoretical work.

There will be a number of invited introductory lectures to be followed by contributed papers. Those wishing to present papers should write to M.W. Feast, Radcliffe Observatory, P.O. Box 373, Pretoria, South Africa, as soon as possible and not later than July 1, 1972.

The local Organizing Committee consists of S.P.S. Anand, D.A. MacRae and J.D. Fernie (Chairman). A small amount of money is available for travel grants and this will be allocated about May 1972. Any application for travel funds should be made in duplicate to M.W. Feast and J.D. Fernie (David Dunlap Observatory, University of Toronto, Richmond Hill, Ontario, Canada).

M.W. FEAST
(Chairman of the Scientific Organizing
Committee
and President ad interim of Commission 27)