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IAU COLLOQUIUM No. 58 ON STELLAR HYDRODYNAMICS

This colloquium will be held at Los Alamos Scientific Laboratory on  
12 - 14 August 1980. The topics will include

1D, 2D and 3D collapse of interstellar clouds

Solar pulsations

$\beta$  Cephei and 53 Persei variables

$\delta$  Scuti and dwarf Cepheids

Cepheids of populations I and II

RR Lyrae and BL Herculis variables

Red variables

Planetary nebulae ejection

R Coronae Borealis pulsations

Supernovae

White dwarf pulsations

Novae

Although the topic list is organized by observed type of variable, the emphasis of the colloquium will be on theoretical aspects and the interpretation of observations rather than a presentation of raw observations alone. Each topic will be introduced by a review paper followed by contributed papers.

If you wish to present a paper at this colloquium send details to reach R S Stobie no later than 1 July 1980 giving information on title paper, abstract, authors and who is going to present it.

IAU Travel Grants are available to a limited number of applicants who have no other means of financial support. If you wish to apply for a Travel Grant contact R S Stobie as soon as possible

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