

INTRODUCTION

This is the fifth meeting in a series of stellar hydrodynamics conferences held alternately at the Los Alamos Scientific Laboratory and the Goddard Space Flight Center. For the first time IAU support was sought in order to provide a more international flavour. Eighty-eight participants from thirteen countries attended the meeting.

The Scientific Organising Committee consisted of R.S. Stobie (Chairman), A.N. Cox, W. Dziembowski, S.W. Falk, J.D. Fernie, J.O. Petersen, P. Smeyers, W.M. Sparks, T.A. Weaver and K.H. Winkler. The subject matter of the colloquium was extensive covering most aspects of stellar hydrodynamics from the initial stages of star formation to the late stages of stellar explosions to be compact objects. Despite the theoretical bias of the conference title, the topics were organised by type of variable as it was felt that the majority of papers would fit better into this scheme. The colloquium was successful in bringing together both theoretical and observational astronomers working in the same field and as a result many lively discussions ensued.

The superb conference facilities of the Los Alamos Scientific Laboratory were placed at our disposal. Much of the hard work locally was taken care of by the Local Organising Committee consisting of A.N. Cox (Chairman), D.S. King and S.G. Starrfield. Editing of the present conference proceedings was carried out by A.N. Cox and D.S. King.

R.S. Stobie
Chairman, Scientific Organising Committee

