BOOK REVIEWS


This volume contains the proceedings of two meetings held in conjunction with the XXVIII COSPAR Plenary Meeting in The Hague, The Netherlands between 25 June and 7 July, 1990. These were Commission Scientific Meetings ME.6. on ‘Scientific Integration of Solar Physics Missions in the 1990s’ (Chapter 1) and ME.9. on ‘High Resolution Solar Physics from Space and the Ground’ (Chapter 2).

Chapter 1 starts with two invited reviews on problems of solar flares which are followed by 6 invited reports on international cooperative programs, mainly in solar activity but also in solar-terrestrial research. After 8 contributed papers, conclusions are drawn in 3 invited articles on needs and constraints for ground-based and space-borne cooperative programs on solar flares from the results presented and discussions during the meeting and from experience from former programs.

Chapter 2 starts with 11 reports on existing as well as planned ground-based and space-borne high resolution solar observing instruments, followed by 14 articles in which interesting results are presented, achieved by these sophisticated instruments providing great progress in observing and understanding dynamics and fine structure of solar active regions.

I recommend this volume to everybody who wants to keep up with the present and future development of ground-based and space-borne observing techniques and with the results, which concern mainly solar fine structures. The reader also gets more acquainted with various internationally coordinated observing programs and will understand more the importance of observations both from space and the ground.

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This book is the first of a new series dedicated to the ‘Canary Islands Winter School of Astrophysics’ organized by the Instituto de Astrofísica de Canarias in collaboration with the Universidad International Menéndez Pelayo. It presents the texts of lectures


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