

## Inside the Sun

*edited by*

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This volume represents an increase in our knowledge of the solar interior and the underlying physics, presented in such a way as to contribute to the cross fertilization of ideas, theory and observations of all the groups studying the subject.

The work begins with contributions on solar modelling, starting with the Standard Model. The experimental results on solar neutrinos precedes the recent theoretical ideas on neutrino masses. Helioseismology is presented from both a theoretical and an experimental point of view, describing recent results on solar rotation and the structure of the solar core. The problems of the solar dynamo and of transport processes are presented in connection with solar cycles. Finally, an inventory of questions that yet remain to be resolved is presented.