



## Planetary Nebulae (IAU S283): An Eye to the Future (Hardback)

By -

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2012. Hardback. Book Condition: New. New.. 250 x 180 mm. Language: English . Brand New Book. Planetary nebulae play a key role in stellar evolution as an important fraction of stellar matter in the Universe goes through the asymptotic giant branch and planetary nebula phases in its lifetime. They are major contributors to the chemical enrichment of the galaxies, especially for nitrogen and carbon. They also act as multi-wavelength laboratories for understanding atomic, molecular, dust and plasma processes in different astrophysical environments, and for studying the dynamics and mass distributions of galaxies. IAU Symposium 283 brought together experts from a variety of countries to present new results including: those from IPHAS and HERSCHEL; the detection of fullerenes in our galaxy and its neighbors; a new catalogue of about 600 planetary nebulae spectra; and the latest three-dimensional models of the common envelope phase. This volume is an essential reference for all those specializing in planetary nebulae.



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