

PLANETARY NEBULAE

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The Symposium, the Proceedings of which appear in this volume, is the most recent of a series of five-yearly international conferences devoted to planetary nebulae, including two previous IAU Symposia (Nos. 34 and 76). The Proceedings provide a comprehensive and up-to-date account of research in this important area of astronomy, from the observational and theoretical standpoints. The full text of the reviews and abstracts of all contributed papers are included and an object index (according to catalogue number) is provided. The conference gave rise to much lively and informative discussion which has also been incorporated in the Proceedings. Subject areas covered by the reviews include observations of planetary nebulae, relevant physical processes, chemical abundance determinations, mass loss mechanisms, evolution of the central stars, and planetary nebulae in a galactic and extragalactic context. The section on physical processes will also interest the atomic and molecular physicist and astrophysicists studying other low density plasmas.

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