

Physical Processes in the Solar System

by John D. Landstreet

About the author

- The author of *Physical Processes in the Solar System* is Professor of Physics and Astronomy at the University of Western Ontario in London, Canada, where he has taught for more than 30 years.
- Dr Landstreet was trained in the United States, receiving his PhD from Columbia University in New York for a thesis in theoretical astrophysics under the supervision of Prof Lodewyk Woltjer. A few years later he moved to the University of Western Ontario.
- This textbook is based on an intermediate-level course on solar system physics that Dr Landstreet taught for more than 20 years at UWO.
- The author is a very well known in his field of stellar astrophysics. He has specialized in studying magnetic fields of stars and in exploring the kinds of information that may be extracted from very high-resolution spectra of stars. He is a frequent user of the Canada-France-Hawaii 3.6-m telescope and of other telescopes in Chile and France.
- Dr Landstreet was a recent winner of the C. S. Beals Award of the Canadian Astronomical Society, a prize awarded every second year in recognition of outstanding achievement in research.
- Dr Landstreet has been active in the Canadian astronomical community. He has served as chair of the NSERC Grant Selection Committee for Space and Astronomy, as Chair of both the Scientific Advisory Council and the Board of Directors of the Canada-France-Hawaii Telescope, as President of Commission 27 (Photometry and Polarimetry) of the International Astronomical Union, and as President of the Canadian Astronomical Society.