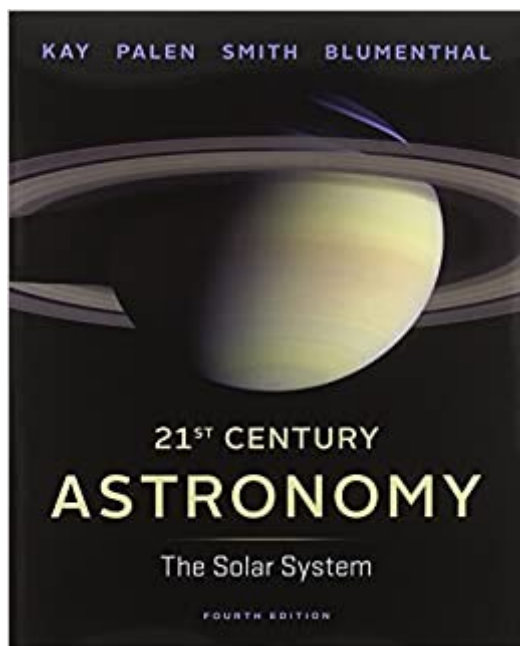


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21st Century Astronomy: The Solar System (Fourth Edition) (Vol. 1)



Synopsis

Teaches students to think like scientists. Authors Laura Kay and Stacy Palen have developed pedagogy that helps students understand the process of science, and how physical principles are used to discover the origins of the universe. The authors emphasize how we know what we know in the figures, text, and end-of-chapter material.

Book Information

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Customer Reviews

Laura Kay is Ann Whitney Olin professor and Chair of the Department of Physics and Astronomy at Barnard College, where she has taught since 1991. She received a BS degree in physics and an AB degree in feminist studies from Stanford University, and MS and PhD degrees in astronomy and astrophysics from the University of Californiaâ Santa Cruz. As a graduate student she spent 13 months at the Amundsen Scott station at the South Pole in Antarctica, and has had fellowships in Chile and Brazil. She studies active galactic nuclei using optical and X-ray telescopes. At Barnard she teaches courses on astronomy, astrobiology, women and science, and polar exploration. Stacy Palen is an award-winning professor in the Physics Department and Director of the Ott Planetarium at Weber State University. She received her BS degree from Rutgers University, and her PhD from the University of Iowa. Dr. Palen does research in the death of Sun-like stars, and formal and informal astronomy education. She spends much of her time thinking, teaching, and writing about the applications of science in everyday life. She then puts that science to use on her small farm in Ogden, Utah. Brad Smith is a retired professor of planetary science. He has served as an associate

professor of astronomy at New Mexico State University, a professor of planetary sciences and astronomy at the University of Arizona, and as a research astronomer at the University of Hawaii. Through his interest in Solar System astronomy, he has participated as a team member or imaging team leader on several U.S. and international space missions, including Mars Mariners 6, 7, and 9; Viking; Voyagers 1 and 2; and the Soviet Vega and Phobos missions. He later turned his interest to extrasolar planetary systems, investigating circumstellar debris disks as a member of the Hubble Space Telescope NICMOS experiment team. Brad has four times been awarded the NASA Medal for Exceptional Scientific Achievement. He is a member of the IAU Working Group for Planetary System Nomenclature and is Chair of the Task Group for Mars Nomenclature. George Blumenthal is chancellor at the University of CaliforniaâSanta Cruz, where he has been a professor of astronomy and astrophysics since 1972. Chancellor Blumenthal received his BS degree from the University of WisconsinâMilwaukee and his PhD in physics from the University of CaliforniaâSan Diego. As a theoretical astrophysicist, Chancellor Blumenthal's research encompasses several broad areas, including the nature of the dark matter that constitutes most of the mass in the universe, the origin of galaxies and other large structures in the universe, the earliest moments in the universe, astrophysical radiation processes, and the structure of active galactic nuclei such as quasars.

My husband used this book (rented from) for his basic Planetary Astronomy course at Austin Peay State University. He said it was easy to read, chapters were organized well in a logical order and included all the information needed on the subject for his class. I highly recommend renting textbooks whenever possible to college students because it saves you a TON of money. We rented for 25% of the price of buying a brand new textbook and then we were able to send it back at the end of the class - no taking up valuable bookshelf space with a book you'll probably never look at again!

i am missing chapters 17-24 and these are critical to me studying for my finals

To all whom are aspiring Astronomy enthusiasts, this book is a must have !

Great book for astronomy. Purchased a used copy, and the online code works, and the book is like new.

This got to me in two weeks. I expected earlier but whatever. Also, I ordered it new and it came in all

bend and some of the pages were folded. Other than these things.... it is good. It certainly helped me through my astronomy class. Although I probably wouldn't buy books from this person again in the future.

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