



Cleveland Astronomical Society Thursday, June 5, 2003 Meeting Announcement

6:15-7:00 pm.: Snacks and soft drinks; 7:00 pm.: Buffet dinner
7:45 pm.: Election: 8:00 pm: Talk

CanalWay Center, Cleveland MetroParks, Off E. 49th Street, Cuyahoga Heights

Speaker: Donald Terndrup

Associate professor of Astronomy, The Ohio State University

Main Research Interests: Properties of Stars, Stellar Evolution, and Milky Way Stellar Populations

"Why is the Universe So Big?"

Dr. Terndrup will discuss the latest results from the WMAP satellite experiment, which has measured the properties of the cosmic microwave background with unparalleled precision. As a result of WMAP data analysis, we now know the "initial conditions of the Universe, such as the amounts of ordinary matter, dark matter, and "dark energy." Dr. Terndrup will review the main results and the concepts behind them. Then he will summarize some of the more speculative ideas about the origin of our Universe--and others. Come hear what WMAP has revealed and how results affect the questions still asked. Then ask your own questions.