

**THE BARNARD ASTRONOMICAL SOCIETY OF  
NASHVILLE, TENNESSEE**

DR. CARL K. SEYFERT

*Arthur J. Dyer Observatory*

*Vanderbilt University, Nashville, Tennessee*

The Barnard Astronomical Society of Nashville, Tennessee was founded in 1928 by Mrs. Roberta Dillon Lyne. The club was named in honor of the world renowned Edward Emerson Barnard, first astronomer at Vanderbilt, discoverer of the fifth satellite of Jupiter and of the swiftest moving star which bears his name. Previous reports of the Society's activities have been published in the October, 1950, and the January, 1955, issues of the *Journal of the Tennessee Academy of Science*. During the past five years the following guest speakers have addressed the club:

- Dr. Henry Smith and Dr. Elske Smith, Astronomers at Sacramento Peak Observatory, New Mexico: "South African Astronomy"
- Dr. Donald L. Lafferty, now at the University of Florida, Gainesville, Florida: "Cosmic Rays"
- Dr. Victor Blanco, Professor of Astronomy at the Warner and Swasey Observatory of Case Institute of Technology, Cleveland, Ohio: "Hunting Red Giants in the Milky Way"
- Dr. Robert R. Brownlee, now Astronomer at White Sands Proving Ground, Las Alamos, New Mexico: "Stars of Different Populations"
- Dr. Raymond Grenchik, now at Louisiana State University, Baton Rouge, Louisiana: "White Dwarf Stars"
- Mr. John H. DeWitt, President of WSM TV and Research Associate of the Dyer Observatory, Nashville, Tennessee: "Radio Astronomy in 1956"
- Dr. Noel Slater, Professor of Philosophy of Science, University of Leeds, England: "The Physical Constants of Nature"
- Dr. J. J. Raimond, Director of the Zeiss Planetarium, The Hague, Holland: "The Architecture of the Milky Way"
- Dr. Marshall H. Wrubel, Professor of Astronomy, Goethe Link Observatory, Indiana University, Bloomington, Indiana: "Evolution of the Stars"
- Dr. Raymond Grenchik, now at Louisiana State University, Baton Rouge, Louisiana: "Dust in our Solar System"
- Mr. Don Geilker, formerly Research Assistant at the Dyer Observatory: "Eclipses of the Sun and Moon"
- Dr. W. W. Morgan, Professor of Astronomy at the Yerkes Observatory, University of Chicago, Williams Bay, Wisconsin: "The Milky Way"

- Dr. Henry Guerlac, Professor of History of Science at Cornell University: "History of Science and Astronomy"
- Dr. Arne Slettebak, Astronomer of the Perkins Observatory, Delaware, Ohio: "Astronomy in Germany"
- Dr. Nicholas U. Mayall, Astronomer at the Lick Observatory, Mt. Hamilton, California: "The Crab Nebula"
- Dr. Pembroke Hart, formerly Assistant Professor of Geology, Vanderbilt University, Nashville, Tennessee: "Earthquakes and the Interior of the Earth"
- Dr. A. E. Cameron, Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tennessee: "The Age of the Solar System"
- Dr. Henry Margenau, Professor of Physics, Yale University, New Haven, Connecticut: "The Philosophy of Science"
- Dr. Seth B. Nicholson, Astronomer at the Mt. Wilson and Mt. Palomar Observatories: "The Satellites of Jupiter"
- Dr. Harlow Shapley, Director Emeritus of the Harvard Observatory, Cambridge, Massachusetts: "Religion in an Age of Science"
- Dr. Bengt Strömberg, Director of the Observatory of the University of Copenhagen and Professor of Astronomy at the Institute for Advanced Study, Princeton University: "Evolution of the Stars"
- Dr. Armin Deutsch, Astronomer at the Mt. Wilson and Mt. Palomar Observatories: "The Mt. Palomar Observatory"
- Dr. Robert Kraft, Astronomer at the Yerkes and McDonald Observatories, University of Chicago and Texas: "Exploding Stars"
- Dr. Karl Henize, Astronomer at the Smithsonian Astrophysical Observatory, Cambridge, Massachusetts: "Space Astronomy"
- Dr. Arthur Beer, Professor of Astronomy at Cambridge University, England: "Astronomy in England"

Additional lectures were given by members of the staff of the A. J. Dyer Observatory, namely Dr. Robert Hardie, Dr. David Crawford and Dr. Carl K. Seyfert. The Barnard Astronomical Society meets on the second Thursday of each month from October to May. Present officers of the Society are: Dr. Harry Estes, President; Dr. C. F. Bradley, Vice-President; and Mrs. Patricia Hudgens, Secretary-Treasurer.