



ICFO COLLOQUIUM GLENN D. BOREMAN 'SPIE in the Worldwide Photonics Community and Overview of Research at UNC Charlotte'

GLENN D. BOREMAN

May 18, 2018

Friday, May 18, 2018, 12:00. ICFO Auditorium

GLENN D. BOREMAN Professor and Chair, Department of Physics and Optical Science
Director, Center for Optoelectronics & Optical Communications

Glenn D. Boreman is Professor and Chair of the Department of Physics and Optical Science and the Director for the Center for Optoelectronics & Optical Communications at UNC Charlotte. He served 27 years on the faculty at University of Central Florida, most recently as the Trustee Chair Professor of Optics. He has graduated 23 PhD students to date.

Prof. Boreman received a BS from the Institute of Optics, University of Rochester, and a PhD from the Optical Sciences Center, University of Arizona. He has been a visiting scholar at Imperial College in London, Swiss Federal Institute of Technology (ETH) in Zürich

Universidad Complutense in Madrid, and the Defense Research Agency (FOI) in Linköping Sweden

Dr. Boreman presently serves as President of SPIE, the international society for Optics and Photonics. He is coauthor of the graduate textbook *Infrared Detectors and Systems*, author of *Modulation Transfer Function in Optical & Electro-Optical Systems*, and *Basic Electro-Optics for Electrical Engineers*. He has published more than 100 articles in the areas of infrared detector and focal-plane analysis, optics of random media, infrared scene projection, and transfer-function techniques

Dr. Boreman is a Fellow of SPIE, the Optical Society of America, and the Military Sensing Symposia. In addition, he is a Senior Member of the IEEE. He and two of his students received the 1995 Kingslake Medal from SPIE

SPIE - The International Society for Optics and Photonics - has extensive activities worldwide. We will examine some aspects of membership demographics and consider student membership trends as indicative of areas of future growth. We will highlight membership benefits to students and early career professionals. We will also present an overview of optics research activities at UNC Charlotte, with a goal of identifying potential areas of common interest.

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