

# **Authors' Reception**

**Office of Diversity and Inclusion  
The Ohio State University**

**March 8, 2012  
5:00 p.m.**

**The Ohio State University  
Faculty Club  
181 South Oval Drive  
Columbus, Ohio 43210**

## Office of Diversity and Inclusion

**Sultana Nahar and Anil Pradhan**  
Department of Astronomy

***Atomic Astrophysics and Spectroscopy.*** Spectroscopy enables the precise study of astronomical objects and phenomena. Bridging the gap between physics and astronomy, this is the first integrated graduate-level textbook on atomic astrophysics. It covers the basics of atomic physics and astrophysics, including state-of-the-art research applications, methods and tools. The content is evenly balanced between the physical foundations of spectroscopy and their applications to astronomical objects and cosmology. An undergraduate knowledge of physics is assumed, and relevant basic material is summarized at the beginning of each chapter. The material is completely self-contained and features sufficient background information for self-study. Advanced users will find it handy for spectroscopic studies. A website hosted by the authors contains updates, corrections, exercises and solutions, as well as news items from physics and astronomy related to spectroscopy.

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