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国台学术报告 NAOC COLLOQUIUM

Time: Wednesday 2:30 PM, Nov. 4th **Location: A601 NAOC**

The University of Arizona and The Next Generation of Astronomical Facilities

Prof. Buell T. Jannuzi

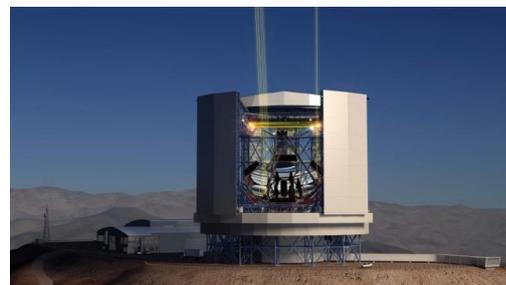
Department of Astronomy and Steward Observatory, University of Arizona



Buell T. Jannuzi has served as Head and Director of the Department of Astronomy and Steward Observatory of the University of Arizona since 2012. Previously, he was Director of Kitt Peak National Observatory and Associate Director of the National Optical Astronomy Observatory (2005-2010). He earned degrees at Harvard College and the University of Arizona (Ph.D. in Astronomy), followed by five years as a member of the Institute for Advanced Study (IAS) in Princeton, New Jersey. Jannuzi was recognized in 1993 with one of NASA's prestigious Hubble Fellowships. His main scientific interests include the formation and evolution of individual, group, and largescale structures of galaxies and the determination of the physical processes that produce quasars and other active galactic nuclei. Jannuzi has been heavily involved with many major surveys of the universe, including one of the original three "Key Projects" for the Hubble Space Telescope, the Quasar Absorption Line Survey, and was co-Principal Investigator for an ambitious survey of galaxy evolution, the NOAO Deep Wide-Field Survey. Jannuzi served on the Board of Directors or Science Advisory Committee of numerous major groundbased and space observatories, and was President of the Board of Directors of the International Dark Sky Association.

Abstract

Astronomers work to explore, discover, and understand the Universe. Answering challenging questions requires talented scientists and engineers, technological innovation, and development of new capabilities. The University of Arizona is currently actively involved in the development and construction of several major new astronomical facilities that together address a diverse and exciting set of important questions, ranging from the nature of dark energy to search for habitable exoplanets. I will review the University of Arizona's participation and the status of the Large Synoptic Survey Telescope (LSST), the 6.5m Telescope San Pedro Martir (TSPM), the Giant Magellan Telescope (GMT), and the James Webb Space Telescope (JWST).



All are welcome! Tea, coffee, biscuits will be served at 2:15 PM.