


# THE LARGE BINOCULAR TELESCOPE: 20 YEARS OF INNOVATION & DISCOVERY

SATURDAY APRIL 13, 2024 - 1:00 – 5:30 PM



Steward Observatory  
N210

The University of Arizona  
Tucson, Arizona

The Large Binocular Telescope is one of the most advanced optical/infrared telescopes available today. Its innovative concept, based on two 8.4m-diameter mirrors on a common mount and adaptive secondary mirrors, enables interferometric observations with high spatial resolution and sensitivity. The telescope is located on Mt. Graham, Arizona at one of the highest observatory sites in North America, and is equipped with a versatile suite of classical and adaptive optical/infrared instruments. LBT was inaugurated in 2004 and began science operation soon after.

## The Large Binocular Telescope: 20 Years of Innovation & Discovery

### - Program -

**Welcome** Adriano Fontana, LBT Corporation President

**Member Greetings** Buell Jannuzi, University of Arizona  
Thomas Henning, Max Planck Institute for Astronomy  
Filippo Zerbi, Istituto Nazionale di Astrofisica  
Chris Kochanek, The Ohio State University

**LBT Today** Joe Shields, LBT Director

**Panel: *Moving the LBT from Dream to Reality*** Erika Hamden, UA, Moderator  
Roger Angel, UA  
Thomas Henning, MPIA  
Pat Osmer, OSU  
John Schaefer, UA  
Peter Strittmatter, UA  
Nick Woolf, UA

*Coffee Break – Steward Observatory Courtyard*

**Panel: *LBT as a Focal Point of Innovation*** Brenda Frye, UA, Moderator  
Simone Esposito, INAF  
John Hill, LBTO  
Elena Masciadri, INAF  
Rick Pogge, OSU  
Sebastian Rabien, MPE

### **LBT Science Highlights:**

Eduardo Bañados, MPIA: *Quasar Science with LBT*  
Valentina D’Orazi, INAF: *SHARK-NIR’s Window to Other Worlds*  
Virginie Faramaz, UA: *LBTI and the Quest for Life-Bearing Exoplanets*  
Emily Griffith, U. Colorado: *Sources of Abundance Scatter in Low Metallicity Stars*

**Panel: *Future Discovery Driven By Innovation*** Jenny Patience, ASU, Moderator  
Jonathan Crass, OSU/UND  
Steve Ertel, UA  
Pat McCarthy, NOIRLab  
Roberto Ragazzoni, INAF  
Sam Ragland, LBTO

**Closing Remarks** Adriano Fontana

*Reception – Steward Observatory Courtyard*

A photo exhibition entitled “LBT: Twenty Years of Dedication and Passion” by photographer Renato Cerisola will be on display in the Steward Observatory Courtyard