

LBTO 2017 Users' Meeting

Florence, 20-23 June 2017

V1.0 - 14 May 2017

June 20

14:00 - 18:00 Registration
19:00 Reception

June 21

1a

09:00-09:20 Veillet Welcome & Fulfilling the Promise of LBT Opening
09:20:09:40 Hinz The Hunt for Observable Signatures of Terrestrial planetary Systems (HOSTS): an LBTI Key project ExoPlanets
09:40-10:00 Stone The LEECH Survey to Directly Image Exoplanets with LBTI ExoPlanets
10:10-10:30 Discussion

Coffee

1b

11:00-11:20 Sallum Imaging Planet Formation Inside the Diffraction Limit with LBT ExoPlanets
11:20-11:40 Spalding Precision photometry redward of K-band with a wall-eyed pointing mode Instruments/Methods
11:40-12:00 Yan Exoplanet transmission spectrum observations with LBT/MODS ExoPlanets
12:00-12:20 Conrad Solar system spectroscopy at fainter limits thanks to a 12m telescope Solar System

Lunch

1c

14:10-14:30 Christou Adaptive Optics Capabilities at the Large Binocular Telescope Observatory Instrument Status
14:30-14:50 Thompson Understanding Binocular Constraints on Observing with the LBT Users
14:50-15:10 Edwards A New Generation of LBT User Software Users
15:10-15:30 Veillet From clear skies to publication: observing strategies and LBT productivity. Users
15:30-15:50 Discussion

Coffee

1d

16:20-16:40 Strassmeier Want a PEPSI ? Instrument Status
16:40-17:00 Heidt LUCI1/2 AO commissioning: status and prospects Instrument Status
17:00-17:20 Contursi A LUCI user experience Users
17:20-17:40 Rabien Status and performance of ARGOS Instrument Status
17:40-18:00 Herbst Commissioning MCAO with LINC-NIRVANA Instrument Status

June 22

2a

09:00-09:20 Antonucci EXORCISM at LBT: a characterization of EXor young eruptive variables using optical and near-IR spectra Stars
09:20:09:40 Wagner Studies of Classical Novae with the Large Binocular Telescope Stars
09:40-10:00 Garofalo Pisces II and Pegasus III: twin sisters or only good friends? Local Group
10:10-10:30 Annibali Hierarchical formation at the smallest galaxy scales Galaxies

Coffee

2b				
	11:00-11:20	Rothberg	The Giga-Monsters of Yore: The Relationship between QSOs and Intermediate Redshift ULIRGs	Galaxies
	11:20-11:40	Smareglia	LBT archive: past and future.. not only save the bit.	Archive
	11:40-12:00	Masciadri	ALTA Center: an operational system for the forecast of the optical turbulence and atmospheric parameters to support the LBTO queue mode	Weather/Seeing
	12:00-12:20	Turchi	ALTA project: Atmospheric model validation	Weather/Seeing
	Lunch			
2c				
	14:10-14:30	Crepp	The iLocater Spectrograph	New Instruments
	14:30-14:50	Farinato	SHARK-NIR, the NIR coronagraphic camera for LBT, moving toward construction	New Instruments
	14:50-15:10	D'Orazi	Science cases for SHARK-NIR at LBT	New Instruments
	15:10-15:30	Pedichini	SHARK-VIS: project status of the high resolution imager at visible band for LBT	New Instruments
	15:30-15:50	Antonucci	Science with SHARK-VIS	New Instruments
	Coffee			
2d				
	16:10-18:00		Workshop (SAC f2f meeting)	
	tbd		Conference Dinner	
June 23				
3a				
	09:00-09:20	Pogge	Measuring Chemical Abundances in Nearby Spirals with CHAOS	Nearby Galaxies
	09:20-09:40	Annibali	Chemical abundances of PNe and H II regions in the irregular galaxy NGC 4449 from LBT MODS data	Nearby Galaxies
	09:40-10:00	Giallongo	Deep imaging and spectroscopy of dwarf galaxies in Virgo: a probe on Dark Matter cosmology and stellar evolution	Nearby Galaxies
	10:10-10:30	Georgiev	Extragalactic nuclei with ARGOS	Nearby Galaxies
	Coffee			
3b				
	11:00-11:20	Ertel	High angular resolution observations at the LBTI	Instruments/Methods
	11:20-11:40	Conrad	Solar system morphology at a finer scale thanks to a 23m telescope	Instruments/Methods
	11:40-12:00	Stone	Characterizing Gas-giant Exoplanets in the Thermal-Infrared with LBTI+ALES	Instruments/Methods
	12:20-12:40	Defrere	Latest results with LBTI's Vortex coronagraph: real-time tip/tilt sensing, new data reduction algorithms, and YSO observations	Instruments/Methods
	Lunch			
3c				
	14:10-14:30	Ashcraft	Deep Field Observations with the LBC: New and Old	High-z Universe
	14:30-14:50	Bomans	Unevolved emission line galaxies with the LBT: from local galaxies to high-z	High-z Universe
	14:50-15:10	Perna	Curved slit spectroscopic observations of gravitational arc-like structures	High-z Universe
	15:10-15:30	Fan	LBT Observations of the Most Massive Protoclusters in the Early Universe	High-z Universe
	15:30-15:50	Grazian	Constraining the contribution of faint AGN to the ionizing background at $z \sim 4$ with LBT	High-z Universe
	Coffee			
3d				
	16:20-16:40	Belli	Flame: a data reduction pipeline for LUCI	Pipeline
	16:40-17:00	Paris	The processing system for the reduction of the INAF LBT imaging data.	Pipeline
	17:00-17:20	Marchetti	The LBT Italian data reduction pipeline	Pipeline
	17:20-17:40		Discussion	
	17:40 - 18:00		Closing	