

LBTO 2017 Users' Meeting

Florence, 20-23 June 2017

V4.5 - 23 June 2017

June 20

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

June 21

1a	chair: Michele Bellazzini	
	09:00-09:30 Christian Veillet	Welcome & Fulfilling the Promise of LBT
	09:30-09:50 Julian Christou	Adaptive Optics Capabilities at the Large Binocular Telescope Observatory
	09:50-10:10 Steve Ertel	High angular resolution observations at the LBTI
	10:10-10:30 Jordan Stone_1	The LEECH Survey to Directly Image Exoplanets with LBTI
	Coffee	
1b	chair: Justin Crepp	
	11:00-11:20 Phil Hinz	The Hunt for Observable Signatures of Terrestrial planetary Systems (HOSTS): an LBTI Key project
	11:20-11:40 Steph Sallum	Imaging Planet Formation Inside the Diffraction Limit with LBT
	11:40-12:00 Jordan Stone_2	Characterizing Gas-giant Exoplanets in the Thermal-Infrared with LBTI+ALES
	12:00-12:20 Al Conrad_1	Solar system spectroscopy at fainter limits thanks to a 12m telescope
	Lunch	
1c	chair: Rick Pogge	
	14:10-14:30 Dave Thompson	Understanding Binocular Constraints on Observing with the LBT
	14:30-14:50 Michelle Edwards	A New Generation of LBT User Software
	14:50-15:10 Christian Veillet	From clear skies to publication: observing strategies and LBT productivity.
	15:10-15:50	Discussion / Round Table (Pogge)
	Coffee	
1d	chair: Xiahoui Fan	
	16:20-16:40 Klaus Strassmeier	Want a PEPSI ?
	16:40-17:00 Jochen Heidt	LUCI1/2 AO commissioning: status and prospects
	17:00-17:20 Alessandra Contursi	A LUCI user experience
	17:20-17:40 Sebastian Rabien	Status and performance of ARGOS
	17:40-18:00 Tom Herbst	Commissioning MCAO with LINC-NIRVANA

June 22

2a	chair: Julian Christou	
	09:00-09:20 Simone Antonucci	EXORCISM at LBT: a characterization of EXor young eruptive variables using optical and near-IR spectra
	09:20-09:40 Mark Wagner	Studies of Classical Novae with the Large Binocular Telescope
	09:40-10:00 Alessia Garofalo	Pisces II and Pegasus III: twin sisters or only good friends?
	10:00-10:20 Francesca Annibaldi_1	Hierarchical formation at the smallest galaxy scales
	Coffee	
2b	chair: Mark Whittle	
	11:00-11:20 Barry Rothberg	The Giga-Monsters of Yore: The Relationship between QSOs and Intermediate Redshift ULIRGs
	11:20-11:40 Riccardo Smareglia	LBT archive: past and future.. not only save the bit.
	11:40-12:00 Elena Masciadri	ALTA Center: an operational system for the forecast of the optical turbulence and atmospheric parameters
	12:00-12:20 Alessio Turchi	ALTA project: Atmospheric model validation
	Lunch	
2c	chair: Daniel Stark	
	13:50-14:10 Justin Crepp	The iLocater Spectrograph
	14:10-14:30 Jacopo Farinato	SHARK-NIR, the NIR coronagraphic camera for LBT, moving toward construction
	14:30-14:50 Valentina D'Orazi	Science cases for SHARK-NIR at LBT
	14:50-15:10 Fernando Pedichini	SHARK-VIS: project status of the high resolution imager at visible band for LBT
	15:10-15:30 Simone Antonucci	Science with SHARK-VIS
	Coffee	
2d		
	16:00-18:00	Workshop (SAC f2f meeting)
	19:30	Conference Dinner

June 23

3a	Chair: Alessandra Contursi	
	09:00-09:20 Rick Pogge	Measuring Chemical Abundances in Nearby Spirals with CHAOS
	09:20-09:40 Francesca Annibaldi_2	Chemical abundances of PNe and H II regions in the irregular galaxy NGC 4449 from LBT MODS data
	09:40-10:00 Iskren Georgiev	Extragalactic nuclei with ARGOS
	10:00-10:20 Emanuele Giallongo	Deep imaging and spectroscopy of dwarf galaxies in Virgo: a probe on Dark Matter cosmology and stellar evolution
	Coffee	
3b	Chair: David Thompson	
	10:50-11:10 Mark Whittle	LBT Science at the University of Virginia
	11:10-11:30 Al Conrad_2	Solar system morphology at a finer scale thanks to a 23m telescope
	11:30-11:50 Eckhart Spalding	Precision photometry redward of K-band with a wall-eyed pointing mode
	11:50-12:10 Denis Defrere	Latest results with LBTI's Vortex coronagraph: real-time tip/tilt sensing, new data reduction algorithms & YSO observations
	Lunch	
3c	Chair: Bianca Garilli	
	13:30-13:50 Teresa Ashcraft	Deep Field Observations with the LBC: New and Old
	13:50-14:10 Xiahoui Fan	LBT Observations of the Most Massive Protoclusters in the Early Universe
	14:10-14:30 Michele Perna	Curved slit spectroscopic observations of gravitational arc-like structures
	14:30-14:50 Andrea Grazian	Constraining the contribution of faint AGN to the ionizing background at $z \sim 4$ with LBT
	Coffee	

3d	Chair: Mark Wagner	
15:20-15:40	Sirio Belli	Flame: a data reduction pipeline for LUCI
15:40-16:00	Diego Paris	The processing system for the reduction of the INAF LBT imaging data.
16:00-16:20	Alida Marchetti	The LBT Italian data reduction pipeline
16:20-16:45		Discussion (M. Wagner)
16:45-17:00		Closing

POSTERS

Dotto	333P/2007 VA85 (PANSTARRS): the first transient retrograde Near-Earth Object (NEO) observed at LBT
Mack_III	A chemical abundance analysis of the ancient planet-host star Kepler-444
Vassalo	A virtual coronagraphic test bench for SHARK-NIR, the second-generation high contrast imager for the LBT
Spalding_1	AO with LBTI
Spalding_2	Circumstellar Disks and LBTI+ALES
Mallon	Exoplanet spectroscopy with LBC, MODS and PEPSI: Silicate aerosols in the atmosphere of the hot Jupiter HAT-P-32b
Arvinen	First Doppler images with PEPSI
Strassmeier_1	First spectra with the Potsdam Echelle Polarimetric and Spectroscopic Instrument
Ilyin	PEPSI data acquisition and image processing
Strassmeier_2	PEPSI deep spectrum library
Strassmeier_3	Preparing for PEPSI polarimetry
Pinna	SOUL project status
Tayar	Tests of Convective Zone Radial Differential Rotation in Intermediate Mass Core Helium Burning Stars with PEPSI
Kuhn	The environment of the luminous quasar PDS456
Weis	The nebula around P Cygni with LBT/LUCI-AO
Bellazzini	The SECCO survey: hunting extremely dark galaxies
Strassmeier_4	The Sun with PEPSI
Strassmeier_5	The VATT-PEPSI connection
Bomans	Unevolved emission line galaxies with the LBT: from local galaxies to high-z
Langener	Unraveling the Properties of Intermediate Redshift Proxies for Proto-Galaxies with the LBT