

ADONI 2018
Orvieto 16-18 Maggio 2018
Programma

Mercoledì 16

12:00-14:00	Registrazione	
Sessione 1	Chair: R. Ragazzoni	
14:00-14:25	R. Ragazzoni	Benvenuto e introduzione
14:25-14:50	A. Turchi	<i>Recent developments on optical turbulence forecast I</i>
14:50-15:15	P. Ciliegi	<i>MAORY : the Adaptive Module for ELT</i>
15:15-15:40	M. Bergomi	<i>SHARK-NIR @ LBT Status update</i>
15:40-16:20	Coffee Break	
Sessione 2	Chair: V. Viotto	
16:20-16:45	E. Pinna	<i>Scientific Return from Arcetri's AO systems</i>
16:45-17:10	M. Mattioli	<i>May Mice help scientists to develop a Smart Wave Front Sensor? + SHARK-VIS status update</i>
17:10-17:35	S. Chinellato	<i>A testing facility for AO on-sky demonstrations at the Copernico Telescope</i>
17:35-18:00	M. Landoni	<i>The application of MCP detector to Adaptive Optics: Large Wave Front Sensing and Virtual Adaptive Optics (VAO) in the visible band</i>

Giovedì 17

Sessione 3	Chair: M. Bergomi	
09:00-09:25	F. Rossi	<i>SOUL project status</i>
09:25-09:50	S. Di Filippo	<i>Ingot - Wave Front Sensor for ELT elongated Sodium LGS</i>
09:50-10:15	V. D'Orazi	<i>A special niche for high-contrast imaging observations: shadows cast on circumbinary discs.</i>
10:15-10:40	P. Ferraro	<i>Optobiology: biological matter as adaptive optical element</i>
10:40-11:20	Coffee Break	
Sessione 4	--	
11:20-13:00	Tavola Rotonda	il futuro di ADONI (Fontana, Zerbi + SOC)
13:00-14:30	Lunch Buffet	
Sessione 5	Chair: S. Esposito	
14:30-14:55	M. Dolci	<i>Calibrazione interna di strumenti adattivi: dalla ERIS-CU al MAORY-CUA</i>
14:55-15:20	S. Paiano	<i>Characterization of QSO host galaxies with AO imaging</i>
15:20-15:45	L. Marafatto	<i>LINC-NIRVANA status update: MCAO first light</i>
15:45-16:10	G. Li Causi	<i>Fast cadence speckle-free high contrast imaging: SFADI and SFI</i>
16:10-16:40	Coffee Break	
Sessione 6	Chair: E. Masciadri	
16:40-17:05	G. Agapito	<i>Sistemi MCAO: stima delle prestazioni e copertura del cielo</i>
17:05-17:30	L. Aiello	<i>Adaptive optics systems to tackle aberrations in advanced gravitational wave interferometric detectors</i>
17:30-17:55	E. Portaluri	<i>Quantifying the capabilities of MAVIS for selected science cases</i>
17:55-18:20	S. Antonucci	<i>SCAO science in the visible: what to expect from SHARK-VIS</i>
19:30	Cena sociale presso "La Domus in Orvieto"	

Sessione 7 Chair: E. Pinna

09:00-09:25 **E. Carolo** *SHARK-NIR: performance coronografiche dello strumento*

09:25-09:50 **M. Stangalini** *Post-processing in AO high-contrast imaging: a statistical approach*

09:50-10:15 **V. Testa** *AO observation of microlensing events*

10:00-10:40 **R. Briguglio** *Sub-arcsec measurements of the pyramid face angles*

10:40-11:20 **Coffee Break**
Sessione 8 Chair: M. Stangalini

11:20-11:45 **G. Martelloni** *Recent developments on optical turbulence forecast II*

11:45-12:10 **D. Vassallo** *Impact of Adaptive Optics correction on phase retrieval using phase diversity*

12:10-13:00 **Tavola Rotonda** **Nuovi strumenti AO nel visibile (SOC)**

13:00-13:10 **Wrap Up**