

DAY#1 December 12**Session 0: INTRODUCTION**

11:00 Fontana 15 Welcome

Session 1: STELLAR ASTROPHYSICS

11:20	Pancino	20	GAIA
11:40	Sacco	20	The GAIA-ESO survey
12:00	Bragaglia	20	WEAVE: stellar surveys
12:20	D'Alessandro	20	MOONS
12:40	Annibali	10	Multi-object spectroscopy of star-forming dwarf galaxies.
12:50	Biazzo	10	Study of young clusters at INAF in perspective of future multi-object spectrographs
13:00	Magrini	10	From the Galaxy to galaxies: star clusters as probes of the formation and evolution of galaxies over cosmic times
13:10	Girardi	10	Enabling Galactic Archaeology: the spectroscopy needed by large asteroseismic surveys
13:20	Poretti	10	Science with low- and high-resolution spectrographs at Telescopio Nazionale Galileo

13:30-14:30 Lunch

14:30-15:15 Discussion 45 Led by: Origlia, Randich, Vallenari

Session 2 - EXTRAGALACTIC

15:15	Iovino	20	WEAVE - Extragalactic Surveys
15:35	Mannucci	20	Extragalactic surveys with MOONS
15:55	Talia	20	An introduction to the VANDELS survey and first results
16:15	Castellano	10	A large spectroscopic survey of galaxies in the reionization era

16:25 - 16:55 Coffe Break

16:55	Granett	20	Cosmology with spectroscopic redshift surveys: VIPERS and beyond
17:15	Cimatti	20	Euclid Legacy Science
17:35	Baronchelli	10	Identification of single line emitters in the HST/WFC3 Infrared Spectroscopic Parallel Survey (WISPs)
17:45	Iodice	10	The Deep (photometric and spectroscopic) Surveys of the Fornax Cluster
17:55	Gargiulo	10	The build-up of dense and normal massive passive galaxies
18:05	Gilli	10	The J1030 deep survey: an INAF legacy field
18:15	Gullieszlik	10	The GASP Large Programme with MUSE and its multi-wavelength follow ups
18:25	Pozzetti	10	Reconstruction of Galaxy physical properties and Star Formation Histories: from VANDELS to WEAVE/STEPS and MOONS

DAY#2 December 13

09:00	Rodighiero	10	Lessons learnt from the FMOS/Subaru survey: a pathfinder to MOONS
09:10	Saracco	10	Linking massive spheroids across cosmic time till catching their precursors with GT MOONS data
09:20	Discussion	45	Led by: Guzzo, Pentericci

Session 3 GLOBAL LANDSCAPE

10:00	Oliva	15	HIRES-MOS
10:15	Pentericci	15	MOSAIC
10:30	Cresci	15	MAVIS: sharper than JWST, deeper than HST

10:50 - 11:20 Coffe Break

11:20	Maiolino	20	Multi-Object Spectroscopy with JWST
11:40	Maoz	20	SDSS-V
12:00	Pasquini	20	Concept for a 10m spectroscopic telescope
12:20	Prandoni	15	Future Radio surveys and synergies with multi-object spectroscopy
12:35	Umama	15	SKA surveys - stellar
12:50	Brusa	20	X-ray surveys
13:10	Cesutti	15	4MOST

13:25-14:30 Lunch

14:30-15:15 Discussion 45 Led by Fontana, Oliva

Session 4 TOOLS

15:15	Franzetti	15	Large-scale spectroscopic surveys management
15:30	Fumana	15	EUCLID: OU-SIR Automatic Spectra Reduction Pipeline
15:45	Molinari	15	WAS - the science archive for WEAVE by INAF
16:00	Discussion	45	Led by: Garilli
17:00	END		