

Monday June 6	
Session1 Margherita's work and legacy/Galactic archeology and formation of chemical elements	
Chair Matteucci	
14:15-14:30	F. Fiore: opening
14:30-15:00	P. Selvelli: Stellar spectroscopy, a tribute to Margherita Hack (30')
15:00-15:30	E. Caffau: Searching for metal poor stars (30')
15:30-15:50	J. Gonzalez: Early phases of the Galaxy from the chemical imprint on iron-poor stars
15:50-16:10	A. Skuladottir: Dwarf galaxies' view of the heavy elements
16:10-16:30	Coffee break
Chair Cescutti	
16:30-17:00	P. Molaro: The problem of Lithium and the other Light Elements Deuterium, Beryllium and Boron (30')
17:00-17:20	I. Vanni: Galactic halo Metal-Poor stars: are they all imprinted by the first stars?
17:20-17:40	F. Z. Majidi: Characterizing Young Stellar Objects with VLT/X-Shooter
17:40-18:10	G. Catanzaro: Abundances and pulsations in Am stars (30')
18:10-18:35	S. Ferluga: Working with Margherita: the strange case of Epsilon Aurigae (25')
18:35-18:45	Poster session 1
Tuesday June 7	
Chair Molaro	
9:00-9:30	F. Thielemann (R): Sources of r-Process Abundances (30')
9:30-10:00	A. Herrero: The Spectroscopy of Massive Stars accross Ages (30')
10:00-10:20	L. Lombardo: CERES survey: stellar parameters and chemical abundances of selected elements
10:20-10:40	G. Costa: Rotating stellar populations in NGC 1866
10:40-11:10	Coffee break
Chair Bonifacio	
11:10-11:40	F. Matteucci: Chemical evolution of the Milky Way (30')
11:40-12:10	S. Bressan: Very massive stars and chemical evolution of extremely metal-poor galaxies (30')
12:10-12:30	A. Mucciarelli: A relic from a past merger event in the Large Magellanic Cloud
12:30-12:50	E. Spitoni (R): The $[\alpha/\text{Fe}]$ bimodality in the Milky Way disc with chemical evolution models
12:50-13:10	S. Taibi: The stellar metallicity gradients of Local Group dwarf galaxies
13:10-14:40	Lunch break
Chair Vladilo	
14:40-15:10	G. Bono: Variable stars as tracers of chemical enrichment (30')
Session 2 Margherita's work and legacy / Exoplanets discovery and characterization	
15:10-15:40	G. Micela: Stellar activity and exoplanets (30')
15:40-16:00	K. Biazzo: Stellar characterization of exoplanet hosting stars within the GAPS (Global Architecture of Planetary System) program
16:00-16:30	Coffee break

Chair Sozzetti	
16:30-17:00	D. Queloz: Exoplanets and life in the Universe (30')
17:00-17:30	S. Raymond (R): Solar System formation in the context of Extra-Solar Planets (30')
17:30-17:50	S. Benatti: Understanding the evolution of planetary systems with GAPS2
17:50-18:20	M. Messerotti: Solar Radio Astronomy in Trieste Contributed to Avert a Nuclear War in 1967: An Ante Litteram Space Weather Application (30')
18:20-18:30	Poster session 2
20:00-21:30	Margherita: fioriture, ovvero l'arte di fare scienza (Public event in Italian, Teatro Miela)
Wednesday June 8	
Chair Micela	
9:00-9:30	A. Sozzetti: Planetary Systems Demographics: The view from High-Resolution Spectroscopy (30')
9:30-9:50	S. Iglesias: Evidence for amino acids in the gas of the IC 348 star cluster of the Perseus
9:50-10:10	L. Silva: Exploring exoplanetary habitability with climate models
10:10-10:30	G. Guilluy: The rich chemistry of three warm-giant planets
10:30-11:00	Coffee break
11:00-11:30	S. Covino: The future of UV spectroscopy: the CUBES spectrograph (30')
11:30-12:00	R. Maiolino: Spectroscopy with JWST: an unprecedented leap forward (30')
Session 3 Tracing the baryons	
12:00-12:30	S. Cantalupo: Illuminating the cosmic web and the circumgalactic medium with the help of quasars (30')
12:30-12:50	L. Keating: Unveiling the high redshift intergalactic medium with quasar absorption lines
12:50-14:20	Lunch break
Chair Mercurio	
14:20-14:50	X. Prochaska (R): (Nearly) Three Decades of HIRES Spectroscopy at the Keck Telescope (30')
14:50-15:20	C. Peroux (R): The baryon cycle (30')
15:20-15:40	G. Worseck: Completing HST's Legacy to Constrain the Epoch of Helium Reionization with Hell Lyman Alpha Absorption Spectroscopy
15:40-16:00	P. Gaikwad: Evidence for late hydrogen ($5 < z < 6$) and helium ($2 < z < 4$) reionization in large sample of quasar absorption spectra.
16:00-16:20	S. Salvadori: First stars enriched gas in high-redshift absorbers
16:20-16:50	Coffee break
16:50-17:20	L. Pentericci: The first galaxies and reionization (30')
17:20-17:40	E. Vanzella: Spectroscopy of high redshift galaxies in lensed fields
17:40-18:00	A. Grazian: The contribution of high-z AGNs to the Ionizing UV background
18:00-18:20	M. Bischetti: X-shooter reveals the suppression of black-hole growth by strong outflows at redshifts 5.8-6.6

18:20-18:30	Poster session 3
20:00-22:00 Social Dinner	
22:00... Night at the telescope in Basovizza	
Thursday 9 June	
Chair Pentericci	
9:00-9:30	M. Bradac: The Final Frontier: Galaxies at the Epoch of Reionization with JWST (30')
9:30-9:50	O. Cucciati: Galaxy and structure formation before the cosmic noon. The perspective from galaxy spectroscopic surveys.
9:50-10:10	A. Mercurio: Investigating clusters assembly history: the case of AS1063
10:10:10:30	B. Vulcani: Integral field spectroscopy allows us to distinguish among the different physical mechanisms affecting galaxies in the different Environments
10:30-11:00	Coffee break
Chair D'Odorico	
Session 5 Cosmology and fundamental physics	
11:00-11:30	S. Cristiani: Spectrographs and spectroscopy for the Sandage Test (30')
11:30-12:00	M. Viel: The Lyman-alpha forest as a cosmological probe (30')
12:00-12:20	M. Signorini: Building the high-redshift Hubble Diagram with quasars
12:20-12:40	P. Monaco: Understanding cosmology with slitless spectroscopy
12:40-13:10	D. Milakovic: A new era of fine structure constant measurements at high redshift (30')
13:10-14:40	Lunch break
Chair Marconi	
Session 6 Margherita and Society	
14:40-15:00	A. Wolter: A statue for Margherita
15:00-15:20	S. Sandrelli: The Inaf avatar Martina Tremenda: a free and professional maverick
Session 7 Breakthrough science enabled by future spectrographs	
15:20-15:50	A. Cimatti: The role of Euclid spectroscopic surveys in cosmology and galaxy evolution (30')
15:50-16:20	S. Hinkley (R): Spectroscopy of Exoplanetary Systems with JWST and Beyond (30')
16:20-16:50	Coffee break
Chair Tasca	
16:50-17:10	G. Cresci: MAVIS: sharper than JWST, deeper than HST
17:10-17:40	C. Neiner (R): UV spectropolarimetry: a new tool for breakthrough science (30')
17:40-18:10	G. Tinetti: Ariel: Enabling planetary science across light-years (30')
18:10-18:20	Poster Session 4
20:00-22:00	Margherita Hack, un'amica tra stelle e terra + DANCING UNIVERSE (Public event in Italian, Teatro Miela)

Friday 10 June

Chair Cristiani	
9:00-9:30	S. Campana: Son of X-Shooter: the transient hunter (30')
9:30-9:50	S. Piranomonte: Prospects and challenges for Optical/Infrared counterparts of gravitational wave sources in the Vera Rubin Era
9:50-10:30	M. Cirasuolo: From VLT to ELT (40')
10:30-11:00	Coffee break
Chair Di Marcantonio	
11:00-11:30	A. Marconi: ANDES: the high resolution spectrograph for the European Extremely Large Telescope (30')
11:30-12:00	L. Tasca: MOSAIC: the multi-object spectrograph for the ESO Extremely Large Telescope (30')
12:00-12:20	T. Schmidt: Precision Spectroscopy in the VLT and ELT Era
12:20-13:00	S. Cristiani: Final remarks
20:00-21:30	8558 HACK (Public event in Italian, Sala Agorà, Molo IV)

Poster Session 1	
Monday June 6 18:35-18:45	
M. Molero	Evolution of neutron capture elements in dwarf galaxies A. Vasini
	Chemical Evolution of 26Al and 60Fe in the Milky Way G. Umbrico Hack's
	astrophysics at Asiago Observatory
Poster Session 2	
Tuesday June 7 18:00-18:10	
P. Bonifacio	Feige 86: Gaia confirms its HB nature
A. D'Ai	X-ray spectroscopy of NGC 247 ULX-1: an overview of its outflows, dips and spectral transitions
M. Pinamonti	Deep search for jumping super Earths around nearby low-mass stars
M. Schöller	Fiorella Castelli: A life dedicated to deciphering stellar spectra
Poster Session 3	
Wednesday June 8 18:20-18:30	
B. Trefoloni	The non-evolution of the spectral properties of "typical" quasars (recorded)
R. Tripodi	High-resolution gas and dust of the first QSOs
M.V. Zanchettin	MUSE, ALMA and JVLA view of the multiphase interstellar medium in the local Seyfert Galaxy NGC2992
Poster Session 4	
Thursday June 9 18:10-18:25	
F. Guarneri	Re-measuring the primordial deuterium abundance toward PKS1937-101 with ESPRESSO
S. Maitra	Higher order clustering study of Lyman-alpha forest
A. Sodini	Can we detect the chemical signature of Pop III stars at z~6? A view from quasar absorption spectra
W. Riva	Margherita Hack and astronomy magazines in Italy (recorded)