

			EARLY E-ELT SCIENCE: Spectroscopy with HARMONI	
			Programme (29th June 2015)	
Start	Durati	End		
			DAY 1: Monday 29th June 2015	OUMNH
11:30	2:00	13:30	Registration	
12:30	0:30	13:00	<i>TOURS: 1 CHRIS Museum building and architecture & 2 AMO - Behind the scenes tour of Entomology Dept.</i>	
			Session 1: Introduction	
13:30	0:05	13:35	<i>Welcome & Logistics</i>	
13:35	0:40	14:15	E-ELT Project Update	Paolo Padovani
14:15	0:40	14:55	HARMONI	Niranjan Thatte
14:55	0:40	15:35	MICADO: science opportunities with the first light imager	Ric Davies
15:35	0:30	16:05	<i>Tea</i>	
16:05	0:20	16:25	An overview of the HARMONI simulation pipeline: HSIM	Simon Zieleniewski
			Session 2: Transients	
16:25	0:40	17:05	Overview of transient science with the E-ELT/HARMONI	Nial Tanvir
17:05	0:20	17:25	Superluminous Supernovae: progenitor scenario and distance probes from current days to the E-ELT era	Cosimo Inserra
17:25	0:20	17:45	Distant Type Ia Supernovae with HARMONI	Matthias Tecza
18:15	1:30	19:45	<i>Welcome Reception</i>	St Anne's College
			DAY 2: Tuesday 30th June 2015	OUMNH
			Session 3: Stellar Evolution I	
9:15	0:40	9:55	Stellar evolution in the light of spectroscopy	Cyril Georgy
9:55	0:20	10:15	Surveying star forming regions in the E-ELT era	Suzanne Ramsay
10:15	0:40	10:55	Resolved Stellar Populations with HARMONI	Livia Origlia
10:55	0:30	11:25	<i>Coffee</i>	
			Session 4: Stellar Evolution II	
11:25	0:20	11:45	Ultrafaint dwarfs - relics from before reionization	Joss Bland-Hawthorn
11:45	0:20	12:05	Resolving stellar populations with crowded field 3D spectroscopy	Sebastian Kamann
12:05	0:20	12:25	RSGs	William Taylor
12:25	0:20	12:45	Chemo-dynamics of galaxies from resolved stellar populations with HARMONI	Giuseppina Battaglia
12:45	0:55	13:40	<i>Lunch</i>	
			TMT	
13:40	0:40	14:20	TMT-IRIS	Shelley Wright
			Session 5: Galaxy Formation & Evolution I	
14:20	0:40	15:00	Galaxy evolution at the peak epoch of cosmic star formation	Natascha M. Förster Schreiber
15:00	0:20	15:20	Observations of U/LIRGs-like systems with HARMONI	Santiago Arribas
15:20	0:20	15:40	Tracing kinematic (mis)alignments in CALIFA interacting galaxies: A local-Universe yardstick for high-z mergers	J.K. Barrera-Ballesteros
15:40	0:45	16:25	<i>Tea & TOUR: 3 MONICA - Behind the scenes in the Mineralogy Department</i>	
			Session 6: Galaxy Formation & Evolution II	
16:25	0:20	16:45	Stars' turbulent birth in galactic collisions.	Philippe Amram
16:45	0:20	17:05	Galactic Winds of low mass galaxies	D.J. Bomans
17:05	0:20	17:25	Disentangling the chemical and physical properties of metal-poor star-forming galaxies with high-resolution emission line imaging	Bethan James
17:25	0:20	17:45	Direct detection of non-circular gas flows with IFUs like HARMONI	N. Bouché
			DAY 3: Wednesday 1st July	OUMNH
			GMT	
9:15	0:40	9:55	The Giant Magellan Telescope Integral Field Spectrograph	Rob Sharp

			Session 7: Solar System	
9:55	0:40	10:35	The Contribution of HARMONI for Solar System Studies	Franck Marchis
10:35	0:20	10:55	The Main Belt of the Kuiper Belt: Simulating HARMONI observations in the Solar System	Fraser Clarke
10:55	0:30	11:25	Coffee	
			Session 9: Black Holes & AGN	
11:25	0:40	12:05	Supermassive Black Holes in Galactic Nuclei	Alessandro Marconi
12:05	0:20	12:25	Black holes with HARMONI	Eric Emsellem
12:25	0:20	12:45	Intermediate-mass black holes with HARMONI	John Magorrian
12:45	0:20	13:05	Conference Photo	
13:05	0:55	14:00	Lunch	
13:30	0:30	14:00	TOUR: 4 AMO - Behind the scenes tour of Entomology Dept	
			JWST	
14:00	0:40	14:40	NIRSpec: the first slit-based MOS spectrograph in space	Giovanna Giardino
			Session 10: Galaxy Formation & Evolution III	
14:40	0:40	15:20	Galaxy formation and evolution from the perspective of nearby galaxies	Richard McDermid
15:20	0:20	15:40	Spatially resolved studies of extragalactic Diffuse Interstellar Bands	Ana Monreal-Ibero
15:40	0:30	16:10	Tea	
			Session 11: Galaxy Formation & Evolution IV	
16:10	0:40	16:50	Cosmological Simulations of Galaxy Formation	J. Devriendt
16:50	0:20	17:10	Cosmological simulations and HSIM: Simulation-based integral field studies of high-redshift galaxies with HARMONI	S. Kendrew
			Poster Pops	
17:10	0:25	17:35	2min Poster Presentations	
19:00	3:00	22:00	Conference Dinner	Somerville College
DAY 4: Thursday 2nd July 2015				OUMNH
			Session 12: Exoplanets & Disks	
9:15	0:40	9:55	Formation and Evolution of Planetary Systems: Probing Initial Conditions and Outcomes with the E-ELT	Michael Meyer
9:55	0:40	10:35	Direct detection of extra-solar planets and debris disks	Anthony Boccaletti
10:35	0:20	10:55	Spectral characterization of exoplanets with HARMONI: estimation of the achievable contrast levels.	Alexis Carlotti
10:55	0:20	11:15	Preparing for HARMONI: Lessons learned from early SPHERE observations	Elisabeth Matthews
11:15	0:25	11:40	Coffee	
			Session 13: Galaxy Formation & Evolution V	
11:40	0:40	12:20	Resolved observations of high z galaxies using strong lensing	Johan Richard
12:20	0:20	12:40	IFU studies of high-z star-forming galaxies through cosmic telescope: ELT science in 2015!	Mark Swinbank
12:40	0:20	13:00	Metallicity gradients and resolved chemical abundances in high-z lensed galaxies	Rebecca Williams
13:00	0:45	13:45	Lunch	
			Session 14: Galaxy Formation & Evolution VI	
13:45	0:20	14:05	Absorption line spectroscopy of the first passive galaxies	Ryan Houghton
14:05	0:20	14:25	Integral Field Unit Observations of High Redshift Dusty Quasars	Manda Banerji
			Session 15: Summaries & Discussion	
14:25	0:25	14:50	Summary: Observer's Perspective	Antonella Nota
14:50	0:25	15:15	Summary: Theorist's Perspective	Joe Silk
15:15	0:30	15:45	Discussion	All
15:45	0:10	15:55	RAS Student Prizes	
15:55	0:30	16:25	Tea	
			Sim Session 1: Introduction & Set-up	Sarah Kendrew & Simon Zieleniewski

16:25	0:20	16:45	General overview	
16:45	0:20	17:05	Simulator methods and workflow	
17:05	0:40	17:45	Setting up the simulator	
DAY 5: Friday 3rd July 2015				Denys Wilkinson Building
			Sim Session 2: Hands-on Workshop	Sarah Kendrew & Simon Zieleniewski
9:15	0:30	9:45	The Simulator output data products	
9:45	1:00	10:45	Hands-on session	
10:45	0:30	11:15	<i>Coffee</i>	
			Sim Session 3: Hands-on Workshop	
11:15	1:45	13:00	Hands-on session	
13:00	1:00	14:00	<i>Lunch</i>	
			END	
			ACCEPTED POSTER CONTRIBUTIONS	
			Central star formation and chemical enrichment in CALIFA interacting galaxies	J.K. Barrera-Ballesteros
			From CALIFA to HARMONI: triggering Active Galactic Nuclei over Cosmic Time	Cristina Ramos Almeida
			The black hole and host galaxy relationship over the cosmic time	Renato Falomo
			Search for neutral outflows in local [U]LIRGs via the IFS of the NaD feature	S. Cazzoli
			The AO modes for HARMONI: from classical to Laser-assisted tomographic AO systems	B. Neichel
			The diffuse ISM and diffuse interstellar bands observed with HARMONI	Jonathan Smoker
			Simulated EELT-HARMONI observations of ULIRGs	Javier Piqueras López