

FINAL SCIENTIFIC PROGRAMME

A printable version of the final programme is available [here](#)

The final version of the abstract book is available [here](#)

(R) Invited Reviews:	30+5 min
(C) Contributed Talks:	20+5 min

Sunday, 24 th			
18:00 - 20:30 Welcome Cocktail			
17:00 - 21:00 Registration			
Monday, 25 th			
08:00 - 09:00 Registration			
09:00 - 09:15 Welcome address (Arturo Manchado)			
Session 1: New Results from Observations			
Chair: Silvia Torres-Peimbert			
09:15 - 09:50	R	S Kwok	Historical overview of Planetary Nebulae Research.
09:50 - 10:25	R	Q Parker	The Past, Present and Future of Planetary Nebulae Surveys in our Galaxy.
10:25 - 10:50	C	R L M Corradi	A wealth of new planetary nebulae from the IPHAS survey.
10:50 - 11:25 Coffee-break & poster viewing			
11:25 - 12:00	R	Y-H Chu	Spitzer Observations of Planetary Nebulae.
12:00 - 12:25	C	L Stanghellini	Spitzer IRS spectra of compact Galactic planetary nebulae: the link between dust, early evolution, and metallicity.
12:25 - 13:00	R	P García-Lario	Early Herschel results.
13:00 - 15:00 Lunch break & poster viewing			
Chair: Ronald Weinberger			
15:00 - 15:25	C	P van Hoof	Herschel observations of PNe in the MESS key program.
15:25 - 16:00	R	L Bianchi	New results from the UV.
16:00 - 16:30 Coffee-break & poster viewing			
16:30 - 17:05	R	B. Balick	How Hubble Changed Research in Planetary Nebulae.
17:05 - 17:30	C	E Lagadec	A mid-infrared imaging survey of post-AGB stars.
17:30 - 17:55	C	A López	The SPM Kinematic Catalogue of Planetary Nebulae.
17:55 - 18:20	C	R. Rubin	SOFIA Observations of the Planetary Nebula NGC 7009.
Tuesday, 26 th			
Session 2: The Stellar Evolution Connection			
2a: Through the AGB and Beyond			
Chair: Katrina Exter			
09:00 - 09:35	R	L Willson	Mass loss on the AGB and Beyond.
09:35 - 10:00	C	M Matsuura	Observational study of mass loss from AGB stars and beyond.
10:00 - 10:25	C	A Manchado	Morphological classification of post-AGB stars.
10:25 - 10:55 Coffee-break & poster viewing			
10:55 - 11:30	R	P Marigo	AGB evolution: new theoretical results.

11:30 - 12:05	R	R Izzard	Common envelopes: the binary route to Planetary Nebulae?.
12:05 - 12:30	C	A Riera	Shaping proto-Planetary Nebulae by binary systems.
12:30 - 12:55	C	B Miszalski	Ongoing surveys for close binary central stars and wider implications.
12:55 - 14:55	Lunch break & poster viewing		
14:55 - 15:20	C	M Moe	Population Synthesis of Galactic PN from Binaries.
15:20 - 15:45	C	S Bright	Observing compact disks inside PPNe with the VLTI.
15:45 - 16:15	Coffee-break & poster viewing		
2b: Aspects of the PN Phase			
Chair: Richard Henry			
16:15 - 16:50	R	K B Kwitter	Cosmic recycling.
16:50 - 17:15	C	A Karakas	Heavy elements in planetary nebulae: A theorist's gold mine.
17:15 - 17:50	R	X. Liu	Atomic processes in photoionized gaseous nebulae.
17:50 - 18:05	R	V Luridiana	Report on the workshop "Uncertainties in Atomic Data and How they Propagate in Chemical Abundances.
18:05 - 18:30	C	D Gonçalves	When Shape Matters: correcting the ICFs to derive the chemical abundances of bipolar and elliptical PNe.
Wednesday, 27th			
Session 2: The Stellar Evolution Connection (cont.)			
2b: Aspects of the PN Phase (cont.)			
Chair: Detlef Schönberner			
09:00 - 09:35	R	A García-Hernández	Molecular processes from the AGB to the PN stage.
09:35 - 10:10	R	R Shaw	Shape, Structure, and Morphology in Planetary Nebulae.
10:10 - 10:35	C	A Frank	Wind Capture Accretion Disks and Magnetic Towers in pPN.
10:35 - 10:55	Coffee-break & poster viewing		
10:55 - 11:30	R	W Steffen	Dynamical modeling and the interactions with the ISM.
11:30 - 11:55	C	A Amiri	Magnetic Fields and Developing Asymmetries in Circumstellar Masers of evolved stars.
11:55 - 12:20	C	W Vlemmings	Magnetic fields during the evolution towards Planetary Nebulae.
12:20 - 12:45	C	R Sahai	Understanding the Immediate Progenitors of Planetary Nebulae.
12:45 - 19:00	<i>Dolphin watching trip</i>		
15:00 - 20:00	<i>Excursion to the Teide National Park</i>		
Thursday, 28th			
Session 2: The Stellar Evolution Connection (cont.)			
2c: Aspects of the Central Stars (cont.)			
Chair: Albert Zijlstra			
09:00 - 09:25	C	S-N Chong	Multipolar Planetary Nebulae: Not as Geometrically Diversified as Thought.
09:25 - 09:50	C	P Huggins	Jet Power in Planetary Nebulae: Theory vs. Observation.
09:50 - 10:15	C	D Frew	Are planetary nebulae derived from multiple evolutionary scenarios?.

10:15 - 10:45	R	M Peimbert	Poster Summary.
10:45 - 11:15	Coffee-break & poster viewing		
11:15 - 11:50	R	K Werner	The white dwarf connection.
11:50 - 12:25	R	M Guerrero	Observations of central stars and their winds from X-ray observations.
12:25 - 12:50	C	M Ziegler	(F)UV Spectroscopy of 15 Extremely Hot Central Stars of Planetary Nebulae.
12:50 - 13:10	Group Photograph		
13:10 - 15:10	Lunch break & poster viewing		
15:10 - 15:35	C	M Steffen	Modeling the diffuse X-ray emission of Planetary Nebulae with different chemical composition.
15:35 - 16:10	R	E Villaver	Planets, Evolved Stars, and How they might influence each other.
16:10 - 16:40	R	G van de Steene	Poster Summary.
16:40 - 16:55	Coffee-break & poster viewing		
Session 3: The Cosmic Population of Galactic and Extragalactic PNe			
Chair: Walter Maciel			
16:55 - 17:30	R	W Reid	PNe in the Magellanic Clouds and other Local Group galaxies.
17:30 - 17:55	C	H van Winckel	Post-AGB stars of the LMC and SMC.
17:55 - 18:20	C	G Stasinska	Ionization of galaxies by their planetary nebulae.
20:00 - 23:00	Closing Dinner at "La Finca Zamora"		
Friday, 29th			
Session 3: The Cosmic Population of Galactic and Extragalactic PNe (cont.)			
Chair: Roberto Méndez			
09:00 - 09:35	R	M Richer	PN populations and kinematics.
09:35 - 10:10	R	L Magrini	Constraining the chemical evolution of the Local Group Galaxies.
10:10 - 10:35	C	L Guzmán-Ramírez	Carbon chemistry in Galactic Bulge Planetary Nebulae.
10:35 - 11:00	C	M Peña	Planetary nebulae in NGC300: their chemical abundances and the abundance gradient in this galaxy.
11:00 - 11:20	Coffee-break & poster viewing		
11:20 - 11:55	R	M Arnaboldi	PN populations in external galaxies.
11:55 - 12:20	C	L Girardi	M31 planetary nebulae as seen by PHAT.
12:20 - 12:45	C	J R Walsh	NGC 5128 - a nearby laboratory for PNe in a giant early-type galaxy.
12:45 - 13:10	C	M Sarzi	The Planetary Nebulae Population in the Central Regions of M32: the SAURON view.
13:10 - 15:00	Lunch break & poster viewing		
Session 4: Future Endeavours in the Field			
Chair: Letizia Stanghellini			
15:00 - 15:35	R	H Käufel	The Frontier of Ground-Based Observations.
15:35 - 16:10	R	M Barlow	The impact of future space observatories on PN research.
16:10 - 17:00	General discussion		
END OF CONFERENCE			