

Hydrogen-Deficient Stars, Tübingen, Germany, September 17–21, 2007

MONDAY

		<u>Census, progenitor AGB evolution, RCrB, EHe</u>
09:00 - 09:20	Werner	Conference Opening <i>Chair: Clayton</i>
09:20 - 09:55	Jeffery	Statistics of Hydrogen-Deficient Stars
09:55 - 10:30	Lattanzio	Progenitor AGB Evolution
		<i>Coffee Break</i>
		<i>Chair: Bond</i>
11:00 - 11:35	Rao	Observational aspects of R CrB Stars
11:35 - 12:10	Gustafsson	The problematic modelling of RCrB atmospheres
12:10 - 12:30	Pavlenko	Model atmospheres and spectra of the cool H-deficient stars and peculiar giants
		<i>Lunch Break</i>
		<i>Chair: Rao</i>
14:00 - 14:50	Clayton	The Evolution of R Coronae Borealis Stars
14:50 - 15:10	Pandey	Fluorine Abundances in R Coronae Borealis Stars
15:10 - 15:30	Rosenbush	Shell-model parameters of a star with the R Coronae Borealis type variability
		<i>Coffee Break</i>
		<i>Chair: Liebert</i>
16:00 - 16:35	Jeffery	Extreme Helium Stars: a panorama
16:35 - 17:10	Saio	Radial and Nonradial Pulsations in RCrB and EHe-B stars
		<i>18:00 Reception at the IAAT</i>

TUESDAY

		<u>[WC], WELS, PG1159, O(He), born-again stars, pulsations</u>
		<i>Chair: Schönberner</i>
09:00 - 09:35	Crowther	Spectroscopic analysis of [WC]-type PN central stars
09:35 - 09:55	Todt	Determining element abundances of [WC]-type Central Stars for probing stellar evolution and nucleosynthesis
09:55 - 10:15	Gräfener	WR wind models: [WC]-type CSPN vs. massive stars
10:15 - 10:35	Marcolino	The Ultraviolet Spectrum of the WELS
		<i>Coffee Break</i>
		<i>Chair: Crowther</i>
11:00 - 11:30	Werner	Elemental abundances in PG1159 stars
11:30 - 11:45	Reiff	FUSE spectroscopy of cool PG1159 Stars
11:45 - 12:00	Ziegler	UV and FUV spectroscopy of the hybrid PG1159 star NGC7094
12:00 - 12:20	Boyce	Velocity discrimination in PG1159 stars
12:20 - 12:40	Bond	Mass-loss events in the pulsating central star of Longmore 4
		<i>Lunch Break</i>
		<i>Chair: Heber</i>
14:00 - 14:20	Rauch	O(He) stars
14:20 - 14:55	Gorny	Properties of [WC] planetary nebulae
14:55 - 15:15	Kimeswenger	Morphologies of the nebulae around “born-again” CSPNe
15:15 - 15:50	Quirion	Hydrogen-Deficient Compact Pulsators, the GW Vir Stars and DB White Dwarfs
		<i>Coffee Break</i>
		<i>Chair: Werner</i>
16:15 - 16:35	Solheim	Search for pulsations in H-deficient planetary-nebula nuclei
16:35 - 17:10	Schönberner	FG Sagittae, V605 Aquilae, Sakurai – Facts and Fictions
17:10 - 17:30	Hajduk	On the evolved nature of CK Vul
17:30 - 17:50	Savanov	Optical spectroscopy of V4334 Sgr in 1996

WEDNESDAY		<u>Formation scenarios for H-deficient post-AGB stars</u>
		<i>Chair: De Marco</i>
09:00 - 09:20	Van Hoof	Recent observations of V4334 Sgr (Sakurai's object) and V605 Aql
09:20 - 09:55	Herwig	Origin of H-def pAGB stars: late He flash
09:55 - 10:15	Miller Bertolami	Revisiting the Born Again (VLTP) Scenario: The importance of the remnant's mass
	<i>Coffee Break</i>	<i>(Conference Photo)</i>
		<i>Chair: Herwig</i>
10:45 - 11:20	De Marco	The evolution of H-deficient post-AGB stars: observational tests of single and binary evolutionary scenarios
11:20 - 11:40	Diehl	Formation of Hydrogen Deficient Stars through Common Envelope Evolution
11:40 - 12:00	<i>All</i>	<i>Discussion</i>
	<i>14:00</i>	Excursion and Conference Dinner

THURSDAY		<u>WD, sdO/B, CV, massive WR</u>
		<i>Chair: Jeffery</i>
09:00 - 09:20	Liebert	New Results and a Luminosity Function for DO and DB White Dwarfs
09:20 - 09:40	Dufour	Hot DQ White Dwarf stars: A Challenge to stellar evolution
09:40 - 10:15	Heber	Subluminous O stars
10:15 - 10:35	Napiwotzki	The origin of helium-rich subdwarf O stars
	<i>Coffee Break</i>	
		<i>Chair: Hamann</i>
11:00 - 11:20	Ahmad	Helium-rich subdwarf B stars
11:20 - 11:55	Marsh	AM CVn stars
11:55 - 12:15	Woudt	V445 Puppis - a unique helium nova
12:15 - 12:35	Kato	Modeling the light curve of V445 Puppis: Helium nova on a massive white dwarf
	<i>Lunch Break</i>	
		<i>Chair: Langer</i>
14:00 - 14:35	Nelemans	H-deficient Low-mass X-ray binary donors
14:35 - 14:55	Nagel	Metal Abundances of Accretion Discs in AM CVn Binaries
14:55 - 15:15	Bildsten	Faint Thermonuclear Supernovae from AM CVn Binaries
15:15 - 15:35	Waldman	Helium stars as supernova progenitors
	<i>Coffee Break</i>	
		<i>Chair: Bildsten</i>
16:00 - 16:20	Copperwheat	ULTRACAM observations of two accreting white dwarf pulsators
16:20 - 16:55	Hamann	WR analyses
16:55 - 17:30	Glatzel	Stability and Pulsations of WR Stars

FRIDAY		<u>WR/GRB, intermediate mass binaries, SNIa</u>
		<i>Chair: Nelemans</i>
09:00 - 09:35	Langer	Wolf-Rayet stars as GRB progenitors
09:35 - 10:10	Podsiadlowski	Binary Channels for the Formation of Hydrogen-Deficient Stars
10:10 - 10:45	Bildsten	Progress on Paths to Type Ia Supernovae
	<i>Coffee Break</i>	
		<i>Chair: Podsiadlowski</i>
11:15 - 11:50	Fryer	Simulations of merging white dwarfs
11:50 - 12:25	Mazzali	Type I Supernovae and their progenitors
12:25 - 12:45	<i>All</i>	<i>Discussion</i>
12:45 - 13:15	Liebert	Conference Summary
	<i>End of Conference</i>	
