

# 17<sup>th</sup> European White Dwarf Workshop, Tübingen, Germany, August 16 - 20, 2010

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## MONDAY

09:00 - 09:20		Conference Opening <u>Luminosity function, mass distribution, and populations</u> <i>Chair: Burleigh</i>
09:20 - 10:20	Gianninas Tremblay Bergeron <i>Coffee &amp; Posters Break</i>	A Spectroscopic Survey of Bright DA White Dwarfs Application of improved model spectra to DA white dwarfs in the SDSS A comprehensive spectroscopic analysis of DB white dwarfs
10:50 - 12:30	Catalan Dobbie Falcon  Kepler  Rebassa-Mansergas  <i>Lunch Break</i>	Searching for the coolest white dwarfs in the Galaxy New white dwarfs for the stellar initial mass-final mass relation A Gravitational Redshift Determination of the Mean Mass of White Dwarfs Magnetic White Dwarfs in the SDSS and Estimating the Mean Mass of Normal DA and DB WDs The origin of low-mass white dwarfs
14:00 - 15:20	Weston <u>White dwarf structure and evolution</u> Barstow Liebert Adamczak  <i>Coffee &amp; Posters Break</i>	<i>Chair: Krzesinski</i> Anyone Out There? Post-AGB Stars in the Galactic Halo High-resolution EUV spectroscopy of Feige 24 Procyon B and the Procyon System Analysis of Chandra-LETG spectra of two DA white dwarfs and a PG 1159 star
16:00 - 17:40	Werner Dufour Dunlap Vornanen Gänsicke	HST/COS Spectroscopy of H1504+65 HST observations of Hot DQ white dwarfs SOAR Observations of Hot DQ White Dwarf Stars Magnetic Fields on DQ White Dwarfs with Carbon Molecular Lines White dwarfs with oxygen-rich atmospheres
18:30		<i>Reception at the IAAT</i>

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**TUESDAY**

09:00 - 10:20	Wickramasinghe	<i>Chair: Castanheira</i> New insights on the origin of magnetic fields in white dwarfs and neutron stars
	Külebi	Evolutionary status of RE J0317-853
	Lawrie	Variability and rotation in magnetic white dwarfs
	Fontaine	The angular momentum of isolated white dwarfs
	<i>Coffee &amp; Posters Break</i>	
10:50 - 12:30	<i>White dwarf ages</i>	
	García-Berro	The white dwarf cooling age of NGC 6791
	Jeffery	The White Dwarf Age of NGC 2477
	von Hippel	Deriving the Age of an Individual WD: SDSS, Bok, USNO, and Bayes
	Williams	Spectroscopic Analysis of the White Dwarfs in M67
Winget	White Dwarfs in M4 and the Physics of Crystallization	
	<i>Lunch Break</i>	
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14:00 - 15:20	<i>Chair: Farihi</i>	
	<i>White dwarf catalogs and surveys</i>	
	Castanheira	White Dwarfs in the HET Dark Energy Experiment
	Debes	First Results of the WIRED Survey
	Kleinman	The SDSS DR7 White Dwarf Catalogue
Sayres	Multi-survey and statistical methods for cool white dwarf discovery	
	<i>Coffee &amp; Posters Break</i>	
16:00 - 17:20	Verbeek	The UV-excess Survey of the Northern Galactic Plane
	<i>Central stars of planetary nebulae</i>	
	Rauch	HST/COS Observations of O(He) Stars
	Rühling	Diffuse X-rays from PNe with WR-type central stars
Todt	[WN] central stars of planetary nebulae	

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**WEDNESDAY**

09:00 - 10:20	Bond	<i>Chair: Schuh</i>
	<u>SN progenitors</u>	Two Planetary Nuclei with Recent Mass-Loss Episodes
	Dan	Mass transfer dynamics in white dwarf binary systems
	Geier	Massive Unseen Companions to Hot Faint Underluminous Stars from SDSS (MUCHFUSS)
	Mereghetti	The ultra-massive fast-spinning white dwarf companion of HD 49798
	<i>Coffee &amp; Posters Break</i>	
	<u>White dwarfs in novae and CVs</u>	
10:40 - 11:40	Miller Bertolami	Exploring the diffusion-induced nova scenario
	Bogdan	Constraints on progenitors of Classical Novae
	Pavlenko	Activity of five WZ Sge-type systems in a few years after their outbursts
	<i>Lunch Break</i>	
13:00 - 23:30		<i>Excursion &amp; Dinner</i>

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**THURSDAY**

		<i>Chair: Dupuis</i>
09:00 - 10:20	Sion	The White Dwarf in SS Cygni: FUSE + HST Spectral Analysis
	Swierczynski	The WD environment and peculiar brightness variations in the Kelvin-Helmholtz timescale during the classical novae outburst
	Solheim	Update on AM CVn binaries
	<u>White dwarfs in detached binaries</u>	
	Holberg	Kepler Observations of White Dwarfs
	<i>Coffee &amp; Posters Break</i>	
10:50 - 12:30	Bloemen	Doppler boosting in the Kepler light curves of KPD 1946+4340 and KOI-74
	Day-Jones	Discovery of the first white dwarf + T dwarf binary system and the use of white dwarfs as age calibrators
	Pyrzas	Hunting for eclipsing white dwarf main sequence binaries
	Parsons	Precise White Dwarf Masses and Radii from Eclipsing White Dwarf-Main-Sequence Binaries
	Ferrario	On the formation of Main Sequence-massive WD binaries
	<i>Lunch Break</i>	
		<i>Chair: Ferrario</i>
14:00 - 15:00	Marsh	SDSS1257+5428: an extreme mass-ratio double white dwarf
	Steele	Ultracool Companions to White Dwarfs
	Steinfadt	Discovery of the Eclipsing Detached Double White Dwarf Binary NLTT 11748
	<i>Coffee &amp; Posters Break</i>	
	<u>Physical processes in white dwarfs and magnetic white dwarfs</u>	
16:00 - 18:00	Isern	White dwarfs as astroparticle physics laboratories
	Chayer	Effect of Radiative Levitation on Calculations of Accretion Rates in White Dwarfs
	Dickinson	The stratification of metals in hot white dwarf atmospheres
	Dupuis	Applying the accretion-diffusion model to a sample of DAZ without IR excess
	Kowalski	Ab initio Stellar Astrophysics: Reliable Modeling of Cool White Dwarf Atmospheres
	<u>Disks, dust and planets around white dwarfs</u>	
	Hogan	Latest Results From The DODO Survey: Imaging Planets Around White Dwarfs

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**FRIDAY**

09:00 - 10:20	Farihi Chu Bilikova Hartmann	<i>Chair: Gänsicke</i> Planetary Debris as the Origin of Metal-Rich White Dwarfs Spitzer MIPS and Archival Surveys of IR Excesses of White Dwarfs Spectral Analysis of Mid-IR Excesses of WDs Asymmetric line profiles in the spectra of gaseous metal disks around single DAZ white dwarfs
	<i>Coffee &amp; Posters Break</i>	
10:50 - 12:30	Bonsor Faedi  Dreizler	Post-main sequence evolution of debris discs Detection limits for close substellar and planetary companions to WD in the SuperWASP survey On the evidence for planets orbiting the post-common envelope binary NN Ser
	<i>Pulsating white dwarfs</i>	
	Barlow Li	PROMPT - An effective tool for studies of pulsating stars Asteroseismology of the ZZ Ceti Star KUV08368+4026
	<i>Lunch Break</i>	
14:00 - 15:20	Montgomery Mukadam Sullivan Dalessio	<i>Chair: Geier</i> GD358: The Case for Oblique Pulsation and Temperature Change The Intriguing Accreting White Dwarf Pulsators The DBV White Dwarf EC 20058–5234: the continuing story The O-C Diagram of EC 20058–5234
15:20 - 15:40		Closing remarks
18:00		<i>Farewell Party at the IAAT</i>

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