Sunday, October 20

Monday, October 21 8:00 Conference Registration (also available during Welcoming Reception) 9:00 Welcome – Scot Kleinman 9:15 Opening Intro – Martin Barstow 9:30 Ashley Ruiter (Invited Talk) SN Ia Progenitors 7:00 Type Ia supernova sub-classes and progenitor origin Chair: Scot Kleinman 10:00 A. Cikota - Investigating Progenitors of Type Ia Supernovae using Spectropolarimetry 10:15 E. Bauer - Thermonuclear Supernovae and White Dwarf Pollution 10:30 Coffee Break	
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10:30 L Coffee Break	
10:45	
11:00 Carles Badenes (Invited Talk) SN Ia Progenitors Chair: Scot Kleinman	
11:15 Billary Writte Dwarfs as Type ia Six Progenitors	
11:30 Y. Zenati - The Origin of Standard Thermonuclear Supernovae from Hybrid White Dwarf Mergers	
11:45 E. Wilson - Convection in Common Envelopes and the formation of Double White Dwarfs	
12:00 Lunch	
12:15	
12:30	
12:45	
13:00	
13:15	
13:30 N. Hallakoun - Characterizing the local double white dwarf population Chair: Sandy Leggett	
13:45 J.J. Hermes - Paparazzi lightning: 68 million images of white dwarfs from space	
14:00 J. Barnett - Double Degenerates in the Open Cluster NGC 6633	
14:15 C-H. Lee - ANTARES: a community broker to digest the LSST firehose	
14:30 T. Prince - Observations of short period white dwarf systems with the Zwicky Transient Facility	
14:45 S. Cheng - The Delayed Evolution of High-mass White Dwarfs: a Cooling Anomaly and Double-White-Dwarf Merger	5
15:00 Discussion	
15:15 Moderator - Martin Barstow	
15:30 Coffee Break	
15:45	
16:00 Eva Villaver (Invited Talk) Debris from Extrasolar Planetary Sys	ems
16:15 Planetary Pieces: Putting All the Clues Together Using White Dwarfs Chair: Sandy Leggett	
16:20 A Devile Franchischer Course Franchis Co. Co. Co.	
16:30 A. Doyle - Exoplanetary Oxygen Fugacities from Polluted White Dwarf Stars	ecker)
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Tuesday, October 22

0.00	Chuis Managu (Invited talls)	Dobric from Extracolar Planetary Systems	
9:00	Chris Manser (Invited talk) Remnant planetary systems around white dwarfs	Debris from Extrasolar Planetary Systems Chair: Paula Szkody	
9:15	nermane planetary systems around write awarys		
9:30	L. Rogers - Infrared variability around planetesimal-eating white dwarfs		
9:45	K. Bell - The Search for Transiting Planets and Planetesimals with the Zwicky Transient Facility		
10:00	M. Kissler-Patig - Planets around white dwarfs as seen by the TESS mission		
10:15	M. Coleman - White Dwarfs as Accretion disk laboratories		
10:30	Coffee Break		
10:45			
11:00	D. Wilson - Discovery of an Irradiated Brown Dwarf Companion to a White	Dwarf	
11:15	J. Krzesinski - Searching for Low-mass Companions Around White Dwarfs a	nd Subdwarfs from Kepler field.	
11:30	Discussion		
11:45	Moderator - Siyi Xu		
12:00	Conference Photo		
12:15			
12:30	Lunch		
12:45			
13:00			
13:15			
13:30	Susana Landau (Invited Talk)	Fundamental Physics	
13:30 13:45	Susana Landau (Invited Talk) Variation of fundamental constants	Fundamental Physics Chair: JJ Hermes	
		Chair: JJ Hermes	
13:45	Variation of fundamental constants	Chair: JJ Hermes narking the atomic physics	
13:45 14:00	Variation of fundamental constants D. Winget - Understanding spectra from white dwarf photospheres: benchr	Chair: JJ Hermes narking the atomic physics	
13:45 14:00 14:15	Variation of fundamental constants D. Winget - Understanding spectra from white dwarf photospheres: benchr X. Chen - Extremely low-mass white dwarfs in double degenerates: Formati	Chair: JJ Hermes narking the atomic physics on and Significance for LISA	
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Wednesday, October 23

wear	lesuay, October 25		
9:00 9:15	Alejandro Córsico (Invited Talk) White dwarf asteroseismology	Precision Studies of White Dwarf Structure Chair: Agnes Kim	
9:30	H. Shipman - 40 Years of Pulsating White Dwarfs		
9:45	F. de Geronimo - Evolution and asteroseismology of ultra-massive white dwarfs.		
10:00	A. Kim - Validation of Asteroseismic fitting with the new White Dwarf Evolution Code		
10:15			
10.00	slow neutron capture nucleosynthesis		
10:30	Coffee Break		
10:45			
11:00	P. Skody - Accreting, Pulsating WDs: Probing Heating and Rotation		
11:15	Z. Vanderbosch - A Ground-Based Detection of an Outbursting DBV White		
11:30	S. Charpinet - The chemical structure of the hot pulsating DB white dwarf		
11:45	B. Castanheira - Asteroseismology of white dwarfs observed by Kepler and	d K2	
12:00	Excursion		
19:00	Public Talk at 'Imiloa Astronomy Center		
15.00	M. Barstow - What has space done for us?		

Thursday, October 24

9:00	M. Tucker - Gone But Not Forgotten: A Decade of Archival GALEX Data Rev.	eals a Multitude of Variable White Dwarfs	
9:15	O. Vincent - Searching for ZZ Ceti white dwarfs in the Gaia survey	Chair: Elizabeth Jeffery	
9:30	J. Provencal - White Dwarfs and Convection		
9:45	Discussion		
10:00	Moderator - Barbara Castanheira-Endl		
10:15			
10:30	Coffee Break		
10:45			
11:00	9 (Stellar Physics and Galactic Evolution	
11:15	What can we learn from the initial-final mass relation of white dwarfs?	Chair: Elizabeth Jeffery	
11:30	M. Hajduk - Real time evolution of post-AGB stars		
11:45	L. Löbling - (Pre)-white dwarf stars as measuring tools for yields of asympto	otic giant branch nucleosynthesis	
12:00	Lunch		
12:15			
12:30			
12:45			
13:00			
13:15			
13:30	White dwarfs as Advanced Physics Inhoratories; the axion sase	Stellar Physics and Galactic Evolution Chair: Patrick Dufour	
13:45		·	
14:00	T. Oswalt - The Completeness of Gaia-Selected Samples of White Dwarfs—Are We There Yet?		
14:15	K. Williams – Ensemble Evolutionary Studies of White Dwarfs		
14:30	N. Lagarde - New population synthesis approach: the golden path to constrain		
14:45 15:00			
15:15			
15:30		with Gaig	
13.30	F. Leffery - A Bayesian Analysis of White Dwarfs in Open Clusters Observed		
15:45	, , , , , , , , , , , , , , , , , , , ,		
15:45 16:00	N. Fantin - Measuring the Star Formation of the Milky Way Using its Stellar		
	N. Fantin - Measuring the Star Formation of the Milky Way Using its Stellar S.O. Kepler - Mass distribution of white dwarfs	Graveyard	
16:00	N. Fantin - Measuring the Star Formation of the Milky Way Using its Stellar S.O. Kepler - Mass distribution of white dwarfs T. Heintz - Comparing the Total Ages of Wide Double White Dwarfs in Gaia	Graveyard	
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Friday, October 25

	y, october 25	
9:00	V. Suleimanov - Statistics of white dwarf properties in intermediate polars Chair: Atsuko Nitta	
9:15	P. Muralimohan - Geometry of nova ejecta	
9:30	N. Finch - What can ISM and non-photospheric highly ionised lines in WD spectra reveal about the beta CMa tunnel?	
9:45	A. Bedard - The spectral evolution of hot white dwarfs	
10:00	T. Rauch - Heavy-metal white dwarfs	
10:15	N. Gentile Fusillo - Cool white dwarfs as standards for infrared observations	
10:30	Coffee Break	
10:45		
11:00	S. Blouin - The Spectral Evolution of Cool White Dwarfs	
11:15	P. Dufour - Origin and evolution of carbon atmosphere white dwarf stars	
11:30	H. Richer - The White Dwarf That Has Everything	
11:45	K. Masuda - Discovery of four white dwarfs in self-lensing binaries	
12:00	Lunch	
12:15		
12:30		
12:45		
13:00		
13:15		
13:30	B. Kayastha - Dynamical Evolution of Globular Clusters with White Dwarfs, Neutron Chair: Gerald Handler Stars and Black Holes using the GPU supercomputer	
13:45	M. Hollands - A white dwarf of spectral type DAQ	
14:00	E. Cukanovaite - Calibration of the mixing length parameter for DB and DBA white dwarf based on 3D atmospheric models	
14:15	T. Cunningham - From hydrogen to helium: the convectively driven spectral evolution of white dwarfs	
14:30	Closing Review	
14:45		
15:00	Discussion	
15:15	Moderator - Lillia Ferrario	
15:30		
15:45	Coffee Break	
16:00		