

	TASC7/KASC14 Program: University of Hawai'i at Mānoa, Honolulu, Hawai'i						
	Sunday July 16	Monday July 17	Tuesday July 18	Wednesday July 19	Thursday July 20	Friday July 21	
		Registration & Poster Setup (7am onwards)					
		Session 1: Hawai'i & TASC	Session 5: Rotation & Activity	Session 7: Exoplanets, Solar-Like Oscillators & Clusters	Session 10: RR Lyrae & Cepheid Stars	Session 13: Rotation & Activity	
8:30-8:45		Welcome	Zachary Claytor: Rotation & Activity (Invited)	Aldo Sepulveda: TESS Characterization of Pulsating Stars Hosting Imaged Exoplanets	László Molnár: RR Lyrae & Cepeids (Invited)	Charlotte Gehan: Magnetic activity of red giants: impact of tidal interactions on magnetic fields	
8:45-9:00		Leinani Lozi: Astronomy in Native Hawaiian Culture (Invited)		Alexander Lyttle: Hierarchically Modelling Many Stars to Improve Inference with Asteroseismology		Rafael Garcia: Extracting reliable latitudinal differential rotation from photometric lightcurves	
9:00-9:15		Hans Kjeldsen: History & Future of TASC (Invited)	Luke Bouma: The Empirical Limits of Gyrochronology	Yaguang Li: Enhancing stellar properties through ensemble modelling techniques	Csilla Kalup: Seismic analysis of the upper giant branch and the horizontal branch of NGC5897 with K2	Lyra Cao: LEOPARD Starspots Catalog: Impact of Stellar Magnetism on Dwarfs and Giants	
9:15-9:30			Lucy Lu: An abrupt change in the stellar spin-down law at the fully convective boundary	Madeline Howell: Using Asteroseismology to Study Stellar Mass Loss and Multiple Populations in the Globular Cluster M80	Merieme Chadid: First Detection of Gravity Modes in RR Lyrae Stars	Phil Van-Lane: A data-driven inference model for stellar age estimation using gyrochronology	
9:30-9:45			Federica Chiti: Gyrochronology Challenges at the Fully Convective Boundary: Insights from WD + MS Binary Systems	Claudia Reyes: Asteroseismic modeling of the subgiants and redgiants in the open cluster M67 from three campaigns of K2 data	Emma Chickles: A systematic search of short period variability using TESS Cycle 5 data	Przemyslaw Walczak: KIC 8264293 - detailed study of the differential rotation	
9:45-10:00		George Ricker: The Future of TESS (Invited)	Poster Sparklers	Gang Li: Asteroseismology in the young open cluster NGC2516 observed by the TESS mission	Poster Sparklers	Janosz Dewberry: Dynamical tides in rapidly rotating stars	
10:00-10:30		Coffee Break	Coffee Break	Coffee Break	Coffee Break	Coffee Break	
		Session 2: Solar-Like Oscillators	Poster Session (Campus Center)	Session 9: Compact Stars	Poster Session (Campus Center)	Session 14: Methods	
10:30-10:45		Joel Ong: Solar-like Oscillators (Invited)		Keaton Bell: Compact Stars (Invited)		Christina Hedges: Update from the TESS Science Support Center at NASA GSFC	
10:45-11:00				Zsófia Bognár: Rotation of pulsating white dwarf stars as seen by TESS		Katrien Kolenberg: AstroSounds: probing the power of sonification for asteroseismology	
11:00-11:15		Jérôme Ballot: Seismic signatures of non-axisymmetric magnetic fields in red giant stars		Wenchao Su: A new hybrid sdB pulsator with significant differential radial rotation in short-period binary observed by TESS		May Gade Pedersen: Identifying contaminating sources in TESS light curves	
11:15-11:30		Nicholas Rui: Gravity waves in strong magnetic fields		Agnes Kim: The parameters that matter in white dwarf asteroseismic fitting: A systematic study		Tobin Wainer: Is Blending Even an Issue?: The First Catalog of Star Cluster Ensemble Light Curves	
11:30-11:45		Emily Hatt: An Ensemble View of Magnetic Imprints on Mixed Modes at the Base of the RGB		JJ Hermes: Outrigger modes in pulsating white dwarfs		Aarya Patil: Improving Power Spectrum Estimation using Multi-tapering: Precise asteroseismic analyses for understanding stars, the Milky Way, and beyond	
11:45-12:00		Joel Zinn: Nonadiabatic corrections at low frequency: theoretical considerations and practical applications for luminous red giants				Owen Scott: Discrete Grids to Continuous Functions: Neural Network Emulation for Stellar Parameter Inference	
12:00-1:45		Lunch Break	Lunch Break	Lunch Break	Lunch Break	Lunch Break	
		Session 3: AF Stars	Session 6: Exoplanets	Free Afternoon	Session 11: Solar-Like Oscillators	Session 15: Future & Surveys	
1:45-2:00		Daniel Holdsworth: AF Stars (Invited)	Nora Eisner: Exoplanets (Invited)		Tiago Campante: Pushing the boundaries of cool-dwarf asteroseismology with ESPRESSO	Christoph Baranec: High-acuity imaging of TESS asteroseismic stars and Objects of Interest in the visible and near-infrared with Robo-AO-2	
2:00-2:15			Marc Hon: The Great Escape of A Giant Planet from Planetary Engulfment		Christopher Lindsay: Fossil Signatures of Main-sequence Convective Cores Observed Through Kepler Asteroseismology of Subgiant Stars	Weikai Zong: Spectroscopic surveys of Kepler/K2 targets with LAMOST: 1,000,000 visits with homogeneous parameters	
2:15-2:30		Keyan Gootkin: A correlation of Pulsator Fraction with Stellar Rotation Revealed through 100,000 TESS δ -Scuti Variable Candidates	Alexander Stephan: A Rapidly-Rotating, Lithium-Enriched Red Giant in the TESS SCVZ: A Compelling Candidate for a Recent Planetary Engulfment Event		Travis Metcalfe: Probing Magnetic Stellar Evolution with Asteroseismology and Spectropolarimetry	Tom Barclay: Unleashing the Potential of NASA's Roman Space Telescope for Stellar Astrophysics	
2:30-2:45		Tim Bedding: New results on delta Scuti stars with TESS and Gaia	Nicholas Saunders: Evidence for Efficient Tidal Realignment of Giant Planets Orbiting Evolved Stars		Yixiao Zhou: Does the v_{max} scaling relation depend on metallicity? Insights from 3D surface convection simulations	Iair Arcavi: Asteroseismology with ULTRASAT	
2:45-3:00		Marion Galoy: Coupling between the inertial modes of convective core and gravito-inertial modes of the radiative zone in gamma Doradus stars	Jingwen Zhang: The 3D Architecture of a Transiting Planet Orbiting an Oscillating Subgiant with an Outer Companion		Irina Kitiashvili: 3D Radiative Hydrodynamics Modeling of Acoustic and Gravity Modes Excitation in Main-Sequence Stars with Shallow Outer Convection Zones	Jeroen Audenaert: Updates on the status of the ESA PLATO mission: asteroseismology, exoplanet science, and so much more	
3:00-3:15		Simon Murphy: 800,000 pulsation models of young delta scuti stars			Alexander Kosovichev: Physical Properties of Low-Frequency Oscillations of Rotating Stars	Savita Mathur: HAYDN - High-precision Asteroseismology of DeNse stellar fields	
3:15-3:45		Coffee Break	Coffee Break		Coffee Break	End of Conference	
		Session 4: Galactic Archeology	Session 8: OB Stars		Session 12: OB & AF Stars		
3:45-4:00		Reception & Registration (4-6pm): Institute for Astronomy	Gail Zasowski: Galactic Archeology (Invited)		Mariel Lares Martiz: Fine structure of combination frequencies to identify different non-linear behavior		
4:00-4:15			Peter de Cat: OB Stars (Invited)		Joey Mombarg: Testing the theory of angular momentum transport on the main sequence		
4:15-4:30			Sam Grunblatt: Asteroseismology of Luminous Red Giants with TESS and WISE		Gerald Handler: Maia variables - fact or fiction?		
4:30-4:45			Daniel Hey: The far side of the Galactic bar/bulge revealed through pulsating red giants		Amadeusz Miszuda: Evolutionary and seismic modeling of delta Sct pulsators in eclipsing binary systems		
4:45-5:00			Jessica Schonhut-Staski: The APO-K2 Catalog: Availability of Catalog Products and Ongoing Investigations		Sarah Gebruers: Uniting spectroscopy and asteroseismology for BAF-type stars	Alexandre David-Uraz: Variability characteristics of OBA stars: how to find magnetic needles in a large data haystack	
5:00-5:15			Henrique Reggiani: Precise Asteroseismic Ages for Metal-Poor Red Giants and their impact on Galactic Archaeology		Vincent Vanlaer: Asteroseismic constraints on the internal magnetic field of the TESS beta Cepheid pulsator HD 192575	Lester Fox-Machado: The nature of KIC 2162283 from ground based spectroscopy and space photometry	
5:15-5:30							
5:30-5:45							
5:45-6:00							
		Young Astronomer's mixer (6pm onwards): Location TBC		Conference dinner (6pm onwards): Waikiki Aquarium	Public Talk: Katrien Kolenberg (TBC)		