	July 5th **Sunday**	July 6th **Monday**	July 7th **Tuesday**	July 8th **Wednesday**	July 9th **Thursday**	July 10th **Friday**	
8:00		Registration					8:00
8:30		Welcome Address (Rector Brian Bech Nielsen, LOC/SOC)	Session 2 (cont.): A- and F-type stars M. Rodriguez Sanchez: Disentangling the role of nonlinear terms in δ Scuti oscillations	Session 6: Binaries [Invited] D. Hey: TBD	Session 7: Galactic archeology [Invited] A. Stokholm: Galactic Archaeology: From cartography to reconstructing the Milky Way's assembly history in detail	Session 9: Rotation [Invited] Y. Lu: TBD	8:30
8:45		[Invited] J. Christensen-Dalsgaard: Forty years of asteroseismology	P. Mani: Integrated power reveals two pulsation regimes in 3300 bright TESS delta Scutis stars				8:45
9:00		Session 1: Missions and mission synergies [Invited] T. L. Campante: A forward-looking perspective on mission synergies in asteroseismology	C. C. C. Mesa: The potential of SPATO: Survey of PLATO A-Type stars Oscillation frequencies	S. Maben: Probing stellar mergers through asteroseismology and models of carbon-deficient red giants	D. H. Grossmann: How Reliable Are the Asteroseismic Ages of Red Giants? Individual Mode Frequency Modeling from the Solar Regime to the Galactic Halo	X.-Y. Ma: Absence of spin-up companions in half of wide hot subdwarf binaries	9:00
9:15			P. Góra: Asteroseismology of SX Phoenicis stars based on collision and binary merger models	L. Dennis: The impact of binary modelling approaches and data precision on massive pulsating eclipsing binaries	M. Joyce: The Bulge Wasn't Built in a Day: A New Age Posterior Inference Method for Roman's Galactic Bulge Time-Domain Survey, Validated with TESS and Kepler	L. Ramírez-Galeano: Gravito-inertial waves in stars: Excitation and impact on the transport of angular momentum solar-type stars.	9:15
9:30		[Invited] J. C. Zinn: The Nancy Grace Roman Space Telescope: A review for the stellar science community	I. Berry: The δ Scuti pulsator occurrence as a function of age, T_{eff}, rotation, and metallicity	V. Vanlaer: Detection and modelling of orbital modulated pulsations in KIC 10080943	C. Reyes: High Precision Galactic Chemo-Chronology from Asteroseismology and Spectroscopy with TESS and HARPS	L. Borg: Magnetic activity enhancement during spin-down stalling: insights from wide binaries	9:30
9:45		[Invited] T. Li: The Earth 2.0 (ET) Mission and Scientific Goals	Session 3: Clusters and stellar populations L. Briganti: Constraining the internal structure of Blue Straggler Stars with Asteroseismology	C. Eastlund: Zuko and Azula: A Rare TESS Asteroseismic Binary System and Model Calibrator	Announcements from the TASC/KASC Steering Committee	J. H. Amaral: Constraining Surface Differential Rotation in Solar-Like Stars	9:45
10:00		Coffee break	Coffee break	Coffee break	Coffee break	Coffee break	10:00
10:30		Session 1 (cont.): Missions and mission synergies [Invited, online] S. Das: Asteroseismology in the Rubin-LSST Era	Session 3 (cont.): Clusters and stellar populations [Invited] K. Brogaard: Star Clusters and other Stellar Populations	Poster Sparkles	Session 7 (cont.): Galactic archeology [Online] A. Singh: Probing the Milky Way's Accretion History via Asteroseismic Helium Abundances and Ages	Session 10: Exoplanets and their host stars [Invited] A. Weeks: TBD	10:30
10:45		[Invited] R. A. Garcia: The PLATO Mission: A Cornerstone for Asteroseismology, Stellar Physics, and Exoplanet Research			Session 8: O- and B-type stars		10:45
11:00		[Invited] J. Audenaert: The Transiting Exoplanet Survey Satellite (TESS): updates, highlights, and future prospects	H. Wang: Isochrone-cloud fitting and asteroseismology of the *Kepler* open cluster NGC 6866	Poster Session	[Invited] J. Henneco: The Status, Complications (or Opportunities?) and Bright Future of OB-type Pulsators	S. Grunblatt: Robust Mass, Radius, and Age Measurement of a Nearly Pristine Star	11:00
11:15		[Invited] M. Cunha: HAYDN: High-precision AsteroseismologY of DeNse stellar fields	E. I. Leitinger: Not all nitrogen-rich field stars originated from globular clusters		N. Guyot: HARVEST: a multimodal optimization code applied to unbiased mode identification and stellar modelling in asteroseismology	J. Vella: Discovery of Two Warm Jupiters in Likely Spin-Orbit Alignment with the Oscillating Red Giant Star KOI-6194	11:15
11:30		[Invited] A. Chontos: TBD	C. Kalup: Tracing Metallicity-Dependent Mass Loss in Globular Clusters: Integrated Mass Loss of Evolved Red Giants in 47 Tucanae Using TESS		J. Vandersnickt: Beyond the photosphere: How an extended atmosphere changes the non-radial oscillations of massive stars	T. Cunningham: Pulsation-Driven Disk Response in the Benchmark ZZ Ceti G29-38: Mode-Selective Heating Seen with JWST	11:30
11:45		D. L. Buzasi: Decoding Massive Stars with MAGIC	G. Li: Near-core evolution revealed by gravity-mode pulsators in 15 clusters or associations		F. Nardini: Unlocking the potential of asteroseismology to study massive stars in young clusters	J. Yu: A possible mass-shifted brown-dwarf desert around giant stars	11:45
12:00		Lunch	Lunch Optional ERC session* (12:30)	Lunch	Lunch	Lunch	12:00
13:30		Poster Sparkles	Session 4: Magnetic fields [Invited] L. Bugnet: TBD	Excursion (Tivoli Friheden or Aros)	Splinter session 1	Session 11: Solar-like oscillators [Invited] M. B. Nielsen: Solar-like Oscillators: Recent advances in analytical methods	13:30
14:00		Poster Session	D. M. Bowman: Magnetohydrodynamical simulations of interior magnetic fields for rotating massive stars: a new numerical foundation for asteroseismic inference			M. Gaira: Global mode fitting of quadrupolar mixed modes with near-degeneracy effects	14:00
14:15			A. Bagga: Large ensemble study of variations in oscillation frequencies of 15,000 Kepler red giants.			N. J. Downing: Detecting Solar-Like Oscillations in the Highest Mass TESS Giants	14:15
14:30			M. Takata: The magnetic field inside the intermediate-mass main-sequence star KIC 9244992 and its relation to the red-giant case			Y. Wang: Asteroseismic Diagnostics for Evolved Stars with Kepler and TESS: Tracing Helium Ignition and the Transition from Subgiants to Red Giants	14:30
14:45			B. Mas Sanz: ``Hump and Spike'' Stars: A New Laboratory for Rotation, Surface Magnetism, and Pulsations			J. Y. Choi: The origins of power spectral complexity in red-giant oscillations	14:45
15:00		Coffee break	Coffee break		Coffee break	Poster prize & Final remarks	15:00
15:15							15:15
15:30		Session 1 (cont.): Missions and mission synergies M. Kliapets: PLATO Complementary Science Variability Catalogue: Improved Version and Asteroseismic Exploitation of Hybrid Pulsators	Session 5: K- and M-dwarfs [Invited] Y. Li: TBD		Splinter session 2	Coffee break	15:30
15:45		Session 2: A- and F-type stars [Invited] R.-M. Ouazzani: TBD					15:45
16:00			R. Holmberg: Measuring Solar Oscillations using High-Precision Temperature Variations from SONG Spectra				16:00
16:15		J. M. Joel Ong: Sparse and Single-Mode Asteroseismic Inversions	J. R. Larsen: An observed decoupling of stellar granulation timescales for dwarf stars				16:15
16:30			J. Tang: Asteroseismic Studies on Delta Eridani Using Simultaneous TESS and SONG Data				16:30
16:45			Session 1 (cont.): Missions and mission synergies K. Zwintz: The PLATO Science Calibration and Validation Targets and their potential for asteroseismology				16:45
17:00	Welcome reception	Astronomer's Mixer 17-19 (Salling Rooftop)					17:00
18:00			* Optional ERC session 12.30: V. Scmid: ERC funding opportunities in exoplanetary, stellar, and galactic physics	Workshop Dinner 18-22 Herman's			18:00
19:00							19:00
22:00							22:00

Last updated on 17.06.26

Splinter Session 1

	1.A: Red giant interiors	1.B: Massive and evolved pulsators	1.C: Input physics
13:30	L. Panier: Seismic probing of the mixing properties in Core Helium Burning Stars.	I. L. Colman: Oscillations and orbital evolution in Magellanic high mass X-ray binaries over seven years of TESS	L. Sarmah: Asteroseismology sheds light on the evolutionary link between Barium giants and dwarfs
13:48	M. Villate: Systematic detection of core magnetic fields in red giants	P. Van Daele: New insight of stochastic low-frequency variability among a large and diverse sample of massive stars with TESS photometry and spectroscopy	M. K. Weller: Precision Constraints on Stellar Helium Abundances from Subgiant Stars
14:06	N. Rui: Toward asteroseismic magnetometry for the full diversity of magnetic structures	S. K. Bowes: Searching for the First Local Partially-Stripped Yellow Supergiants	T. Ferreira: Red-Giant Asteroseismology of Low-Mass Population III Stars
14:24	T. van Lier: Facing the Phase of asymptotic g-mode frequencies on the red-giant branch	D. Tarczay-Nehéz: Modeling strange mode Cepheids with MESA and RSP	Y. Zhou: Evolutionary tracks and isochrones based on coupled 1D and 3D models underestimate temperatures for red giants
14:42	N. Muntean: Magnetic Signatures in Merger Products	M. Uzundag: Asteroseismology of white dwarfs in the era of PLATO	A. W. Neitzel: Contrastive deep learning for structure-preserving chemistry of TESS asteroseismic red giants from Gaia XP spectra

Splinter Session 2

	2.A: Scaling relations	2.B: Modelling beyond 1D	2.C: Fast rotators
15:30	Y. Lu: Calibrating asteroseismology scaling relation by interferometric observation on Gaia binaries	A. Le Saux: How Rotation Shapes Acoustic Mode Amplitudes in Low-Mass Stars: Evidence from Hydrodynamical Simulations	S. Murphy: Population synthesis for delta Scuti stars: robust stellar parameters and the multi-ridged period--luminosity relation.
15:48	S. Bolwell: Red giant asteroseismology of Kepler background stars	A. J. Kalita: SPAMMS: 3D spectroscopic patch models reveal the anisotropy of pulsation-induced macroturbulence and line-profile variability in massive stars	D. J. Fritzewski: Probing the extended main sequence turn-off of Stock 2 with asteroseismology
16:06	A. Mallick: Granulation and mesogranulation in red giants are not self-similar	A. Fort: Probing magnetic fields in stars: A 2D oscillation framework including rotation and magnetism	J. Labadie-Bartz: A multi-technique study of HR 7495 - a Rosetta stone for over 200 intermediate-mass rotational variables
16:24	K. R. Sreenivas: Asteroseismology of the lowest metallicity star to date.	J. S. G. Mombarg: Is a 1D perturbative method sufficient for asteroseismic measurements of rotation and internal magnetic fields in β Cephei pulsators?	A. Gautam: A neural-network emulator for rotating δ Scuti asteroseismology
16:42	M. H. Pinsonneault: Next Generation Asteroseismology for Stellar Population Studies	P. Pathak: 3D hydrodynamic simulations of massive main-sequence stars: internal gravity waves matter for SLF variability	K. Thomson-Paresant: The symphony of binarity and pulsations in massive star populations

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