

# MAIN ROOM: PLENARY + PARALLEL SESSIONS



TOPIC 1: **Present day results in exoplanet research** (setting the stage)

TOPIC 2: **Towards the detection of the lowest mass/smaller planets** (methods, instrumentation, data analysis)

TOPIC 3: **Towards their detailed characterisation** (interior models, atmospheres, astrobiology, ...)

TOPIC 4: **Astrophysical challenges** (detailed stellar characterisation, star-planet connection, stellar noise)

## MONDAY

29 JUNE

START	END	SPEAKER	TITLE	
09:00	09:30		<b>WELCOME SESSION TO EXOPLANETS 6</b>	
09:30	10:00	Michelle Kunimoto	PLANETARY SYSTEMS IN CONTEXT: DEMOGRAPHIC INSIGHTS FROM TESS	Topic 1
10:00	10:15	Gabriele Cugno	Forming Planets and their Moons: Establishing an Observational View of Circumplanetary Disks	
10:15	10:30	Chih-Chun Hsu	Spins and Atmosphere Characterization of Infant and Adolescent Giant Exoplanets from Keck/KPIC High-resolution Spectroscopy	
10:30	11:00		<b>COFFEE BREAK</b>	
11:00	11:30	Laura Kreidberg	THE GOLDEN AGE OF EXOPLANET ATMOSPHERES	Topic 1
11:30	11:45	Aniket Sanghi	Mapping the Late Stages of Giant Planet Evolution with JWST Imaging of Benchmark Cold Planets Eps Ind Ab and Eps Eri b	
11:45	12:00	Niall Whiteford	Weather on other worlds: JWST observes silicate cloud variability on a giant exoplanet	
12:00	13:00		<b>LUNCH</b>	
13:00	14:00			
14:00	14:15	Alexander Venner	Extreme – But Not Extreme Enough? The Record-stretching Orbit of a Hidden “Failed Hot Jupiter”	Topic 1
14:15	14:30	Dolev Bashi	Do outer giants inflate Neptune-sized planets? An architecture-dependent mass-radius relation	
14:30	14:45	Tim Cunningham	A multi-wavelength view of planetary debris and accretion onto white dwarfs: the cornerstone system G29-38	
14:45	15:00	Klaudia Jaworska	The origins of Exocomets in Beta Pictoris	
15:00	15:15	Chloe Lawlor	Spectroscopic Confirmation of a Second Embedded Planet in the WISPIT 2 System	
15:15	15:30	Luigi Mancini	Unveiling the Diverse Architectures and Evolutionary Pathways of Neptune-sized Planets: Results from GAPS and HONEI	
15:30	15:45	Taylor Bell	WASP-12b: Diamond in the Rough, or Just Misunderstood?	
15:45	16:00	Claire Finley	Synthesizing Accretion and Circumplanetary Disk Properties of a Wide Orbit Planet with HST and JWST	
16:00	16:30		<b>COFFEE BREAK</b>	
16:30	16:45	Lisa Dang	Mapping the Atmosphere of TOI-561 b: First JWST/NIRSpec Phase Curve of Ultra-Short Period Planet with a Thick Atmosphere	Topic 1
16:45	17:00	Stephen Schmidt	A clear view of star–planet interactions in three ultra-hot jupiter systems using JWST	
17:00	17:15	Beth Biller	Imaging young, temperate sub-Jupiters: Early results from JWST direct imaging exoplanet searches	
17:15	17:30	Guangwei Fu	Color sequence of JWST transiting and directly imaged exoplanet and brown dwarf populations	
17:30	17:45	Kim Angelique Kahle	A high refractory-to-volatile ratio for the ultra-hot Jupiter WASP-121 b from a panchromatic JWST dayside spectrum	
17:45	18:00	Maël Voyer	Atmospheric properties of planetary mass companions across L, T and Y types: a uniform JWST-MIRI analysis.	
19:00	18:15	Sydney Jenkins	Searching for Frigid Worlds Around White Dwarfs with JWST	
18:15	18:30	Cyril Gapp	Phase-resolved transmission spectroscopy with JWST reveals the asymmetric atmosphere of WASP-121b	

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## TUESDAY

30 JUNE

START	END	SPEAKER	TITLE	
09:00	09:30	Don Pollacco	THE PLATO MISSION	Topic 2
09:30	09:45	Bernard Gaudi	A Galactic Census of Exoplanets from the Nancy Grace Roman Space Telescope	
09:45	10:00	Oscar Carrión-González	Early observation plans for the Nancy Grace Roman Space Telescope Coronagraph Instrument	
10:00	10:30	COFFEE BREAK		
10:30	11:00	Olivier Guyon	PERSPECTIVES OF DIRECT IMAGING FOR FUTURE EXOPLANET RESEARCH	Topic 2
11:00	11:15	Wei Wang	Tianlin: a 6.6m UV-VIS-NIR space telescope for the exploration of exoplanet and biosignatures	
11:15	11:30	Jonas Sauter	Resolving the inner 1 AU of $\beta$ Pictoris: planetary dynamics and close-in dust structures with VLTI/GRAVITY+	
11:30	11:45	Florian Lienhard	Earth-sized Planets Around the Smallest Stars: Occurrence Rates from SPECULOOS	
11:45	12:00	Steven Giacalone	A Stellar Obliquity Measurement for the Disintegrating Planet BD+05 4868 Ab	
12:00	13:00	LUNCH		
13:00	14:00			
14:00	14:15	Jonathan Fortney	The Mass-Metallicity Relation for Giant Planets – A Revision and New Interpretation	Topic 3
14:15	14:30	Isobel Lockley	Orbital Decay of Hot Neptunes	
14:30	14:45	Arianna Nigioni	The first population synthesis of planets in binaries (S-type)	
14:45	15:00	Charles Law	Witnessing Giant Planet Formation in the Act	
15:00	15:15	Aaron Werlen	Core-less Sub-Neptunes and Implications for the Mass–Radius Relation	
15:15	15:30	Isabella Trierweiler	Insights on exoplanetary compositions and structures from polluted white dwarfs	
15:30	15:45	Rocio Kiman	The Diversity of Cold Worlds: Age and Characterization of the Exoplanet COCONUTS-2b	
15:45	16:00	Hinna Shivkumar	Tracing the dynamical and atmospheric evolution of the young V1298 Tau planetary system	
16:00	16:30	COFFEE BREAK		
16:30	16:45	Anna Ruth Taylor	Exploring atmospheric escape from water-rich sub-Neptunes with full-atmosphere models	Topic 3
16:45	17:00	Matthäus Schulik	Lifting the composition degeneracy of sub-Neptunes by understanding their molecular escape	
17:00	17:15	Kevin Heng	The Geoastrometry of Sub-Neptunes	
17:15	17:30	Matthew Nixon	Seriously, what is going on with K2-18 b?	
17:30	17:45	Yoav Rotman	A Matter of Perspective: How Model Construction Choices can Impact Inferences from JWST Observations	
17:45	18:00	Divyansh Srivastava	Time-domain atmospheric retrieval from JWST spectroscopic light curves	
18:00	18:15	Avinash Verma	Atmospheric Retrievals in the JWST Era: Lessons from HD 209458 b	
18:15	18:30	Emily Omayá Garvin	When the Likelihood Lies: Rethinking Exoplanet Atmospheric Retrievals Through Statistical Learning	

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## WEDNESDAY

1 JULY

START	END	SPEAKER	TITLE	
09:00	09:30	Caroline Dorn	LINKING INTERIORS AND ATMOSPHERES IN SUPER-EARTHS AND SUB-NEPTUNES	Topic 3
09:30	09:45	Hilke Schlichting	Bridging Solar System Evolution and Exoplanet Science	
09:45	10:00	Tyler Fairnington	The First Homogeneous JWST Survey of the Mass-Metallicity Relation in Gas Giants	
10:00	10:15	Marc Hon	JWST's First Look at the Disintegrating Terrestrial Planet BD+05 4868Ab	
10:15	10:30	Kevin Ortiz Ceballos	Magnetic radio emission from the Pictoris exoplanetary system	
10:30	11:00	COFFEE BREAK		
11:00	11:30	Jayne Birkby	FROM GAS GIANTS TO ROCKY WORLDS: ADVANCES FROM HIGH RESOLUTION SPECTROSCOPY OF EXOPLANET ATMOSPHERES	Topic 3
11:30	11:45	Francesco Amadori	Joint High- and Low-Resolution Analysis of WASP-107b's Atmosphere: Combined Strengths and Intrinsic Observational Limits	
11:45	12:00	Romain Allart	Three years of atmospheric characterization with The Near Infra-Red Planet Searcher (NIRPS)	
12:00	12:15	Jaume Orell Miquel	Probing atmospheric mass loss at disk dispersion timescales	
12:15	12:30	Luke Parker	Tracing cloud condensation and formation histories across the giant planet population with observations of silicon chemistry	
12:30	12:45	Danya Alboslani	Multi-epoch atmospheric variability of PSO J318: the first test case in a latitude-dependent study	
12:45	13:00	Gavin Wang	A JWST/NIRSpec Phase Curve of the Ultra-Short Period Rocky Planet K2-141 b	
13:00	14:00	LUNCH		
14:00	15:00			
15:00	16:00	PLATO SPECIAL SESSION		Independent session
16:00	17:00			

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## THURSDAY

2 JULY

START	END	SPEAKER	TITLE	
09:00	09:30	Daniel Apai	BIOSIGNATURE DETECTION AND INTERPRETATION: CHALLENGES AND PATHWAYS	Topic 4
09:30	09:45	Nadia Kostogryz	Small-Scale Stellar Magnetism as a Systematic in Exoplanet Transits: Limb Darkening and Ingress–Egress Asymmetries	
09:45	10:00	Charles Cadieux	Sub-Kelvin Temperature Time Series of the Sun over 10 years with HARPS-N	
10:00	10:30		COFFEE BREAK	
10:30	11:00	Ignasi Ribas	THE STAR IS THE SIGNAL: TAMING STELLAR ACTIVITY FOR EXOPLANET DETECTION AND CHARACTERISATION	Topic 4
11:00	11:15	Nuno Santos	PoET: looking at the Sun, finding other Earths	
11:15	11:30	Diego Munoz	The Curious Orbits of Eccentric Warm Jupiters	
11:30	11:45	Jared Kolecki	Stellar [O/Si] Enhancement is a Predictor of Giant Planets	
11:45	12:00	Jean-Michel Desert	Responses of Exoplanet Atmospheres to Stellar Flares and Variability	
12:00	13:00		LUNCH	
13:00	14:00			
14:00	14:15	Ben Hord	An Overview and Early Performance Update of NASA's Pandora SmallSat Mission to Characterize Exoplanets and Their Host Stars	Topic 4
14:15	14:30	Emily Calamari	Connecting the Atmospheres of the Coldest Worlds and Hottest Planets	
14:30	14:45	Vigneshwaran Krishnamurthy	Know Thy Star, Know Thy Planet: Probing Transit Light Source Effects in an Active Late K-star	
14:45	15:00	Giuseppe Morello	Disentangling Stellar Activity in High-Precision Exoplanet Transmission Spectroscopy	
15:00	15:15	Nina-Elisabeth Nemeč	The influence of stellar spectral libraries on transmission spectra	
15:15	15:30	Gloria Canocchi	Challenging Exoplanet Atmospheric Detections with 3D Non-LTE Stellar Spectra	
15:30	15:45	Ekaterina Ilin	Self-roast: Close-in planet induces flares on its host star	
15:45	16:00	Mark Fortune	New, scalable extensions of celerite to 2D data and their applications to exoplanet science	
16:00	16:30		COFFEE BREAK	
16:30	16:45	Rachel Bowens-Rubin	The Coolest Planets in the Neighborhood: The direct detection of frigid ice & gas giants orbiting nearby systems with JWST	Topic 2
16:45	17:00	Rodrigo Ferrer Chavez	From data-driven to physics-based: An algorithm for 2-10x improvement in JWST exoplanet imaging sensitivity	
17:00	17:15	Maddy Scott	A novel Bayesian framework to compute a dataset's sensitivity to transiting planets, with applications to occurrence rates.	
17:15	17:30	Hugo Vivien	Automated exploration of TESS archival data with deep learning	
17:30	17:45	Marina Ventikos	Early-stage classifying of TESS light curves with machine learning	
17:45	18:00	Juliana Garcia-Mejia	A Ground-Based Transit Observation of the Long-Period Extremely Low-Density Planet HIP 41378 f	
18:00	18:15	David Degen	Signal or stochasticity? A human-validated dataset for single-transit detection	
18:15	18:30	Mallory Harris	Out in the Cold: The Distant M Dwarf Worlds We've Been Missing	

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## FRIDAY

3 JULY

START	END	SPEAKER	TITLE	
09:00	09:15	Matthew Murphy	Planetary Evolution in Progress: The Feature-rich Atmosphere of the 23 Myr Sub-Neptune Progenitor V1298 Tau c	Topic 3
09:15	09:30	Luis Welbanks	KRONOS: Young Sub-Neptunes and the Origins of the Galaxy's Most Common Planets	
09:30	09:45	Frances Rigby	Thinking Outside the Plane-Parallel Box for Young Sub-Neptunes	
09:45	10:00	Helena Kühnle	Cool worlds: Unlocking the secrets of two frigid atmospheres using JWST/MIRI	
10:00	10:15	Caroline Piaulet-Ghorayeb	The Carbon Key: First Detailed Chemical Inventory of the Steam World Planet GJ 9827 d	
10:15	10:30	Evert Nasedkin	Near-Infrared Spectra of the HR 8799 planets with JWST	
10:30	11:00	COFFEE BREAK		
11:00	11:15	Kimberly Paragas	LHS 3844 b's Surface: Insights from the Highest SNR Emission Spectrum of Any Rocky Exoplanet	Topic 1
11:15	11:30	Aidan Gibbs	Discovery of a third Jovian planet around Beta Pictoris with JWST/NIRSpec	
11:30	11:45	Carlos Gascon Alvarez	First Results from the JWST Exoplanet Grand Tour Spectroscopic Survey	
11:45	12:00	Michael Zhang	A new molecule on a temperate giant orbiting a late M dwarf	
12:00	12:15	Melissa Hobson	ESPRESSO characterizes the small transiting exoplanet population with extreme precision radial velocities	
12:15	12:30	Alejandro Suárez Mascareño	Diving into the planetary system of Proxima with NIRPS	
12:30	12:45	Allona Vazan	Forming Water-Rich Planets from Dry Building Blocks	
12:45	13:00	Yolanda Frensch	Revealing uncommon gas giants transiting low-mass stars	
FAREWELL!				

# ROOM 2: PARALLEL SESSIONS



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## MONDAY

29 JUNE

START	END	SPEAKER	TITLE		
12:00	13:00	LUNCH			
13:00	14:00				
14:00	14:15	Jessie Christiansen	The Next Decade of Exoplanet Demographics: Completing the Galactic Census of Exoplanets	Topic 4	
14:15	14:30	Aneesh Baburaj	Deviations from Solar Abundances for Host Stars of Wide Separation Companions and their Implications for Giant Planet Formation		
14:30	14:45	Sergio Sousa	Homogeneous Stellar Parameters as the Foundation of Exoplanet Demographics		
14:45	15:00	Elisa Delgado Mena	Unveiling planetary systems around intermediate mass evolved stars using NIRPS+HARPS		
15:00	15:15	Emmanuel Greenfield	The Impact of Mean Motion Resonances on the Astrometric Detection of Giant planets.		
15:15	15:30	Adriana Valio	Stellar Differential Rotation as a Function of Planetary Companionship		
15:30	15:45	Yadira Gaibor	Common Envelope Evolution Produces Rare, Massive, Close-In Planet Survivors		
15:45	16:00	Yasmin Davis	Inflation or inference? Revisiting the M dwarf radius inflation problem with eclipsing binaries		
16:00	16:30	COFFEE BREAK			
16:30	16:45	André Silva	Intrinsic limitations to template-based radial velocity extraction from high-resolution spectra	Topic 2	
16:45	17:00	Ancy Anna John	Towards Detecting Earth-Twins: Combining Optimised RV Extraction with Stellar-Variability Mitigation		
17:00	17:15	Sara Tavella	Reaching 40 cm/s RV precision on HARPS-N solar data with a PCA correction at the spectral level		
17:15	17:30	Ben Lakeland	Radial-velocity variability of the magnetically quiet Sun		
17:30	17:45	Matteo Pinamonti	The small planet-cold Jupiter connection: demographic insights from a targeted RV survey and the HD 29021 system		
17:45	18:00	Lucile Mignon	Blind searches for exoplanets with NIRPS: results, limits, and synergies.		
18:00	18:15	Francisco J. Pozuelos	Large-Scale Exoplanet Science Cases with Photonic E-MARCOT		
18:15	18:30	Niamh O'Sullivan	The Search for Supergranulation across Spectral Types		

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## TUESDAY

30 JUNE

START	END	SPEAKER	TITLE	
12:00	13:00		LUNCH	
13:00	14:00			
14:00	14:15	James Rogers	Using observations of escaping H/He to constrain the atmospheric composition of sub-Neptunes	Topic 1
14:15	14:30	Connor Cheverall	Ground-based Atmospheric Characterization of Volcanic Super-Earth L 98-59 d at High Spectral Resolution	
14:00	14:15	James Rogers	Using observations of escaping H/He to constrain the atmospheric composition of sub-Neptunes	
14:15	14:30	Connor Cheverall	Ground-based Atmospheric Characterization of Volcanic Super-Earth L 98-59 d at High Spectral Resolution	
14:30	14:45	Katherine Bennett	Is There Methane on the Eccentric Warm Neptune HAT-P-11 b?	
14:45	15:00	Adam Langeveld	The 3D climate of WASP-121b probed with high-resolution spectroscopy	
15:00	15:15	Björn Benneke	Diversity in the Atmospheres of Planets near the Radius Valley	
15:15	15:30	Brandon Coy	A Thick Atmosphere on the Ultra-Short Period Lava World HD 3167 b	
15:30	15:45	Jo Ann Egger	Searching for hot water world candidates with CHEOPS	
15:45	16:00	Thomas Beatty	The Substellar Radius Problem: Directly Imaged Planets Are More Massive Than We Think	
16:00	16:30		COFFEE BREAK	
16:30	16:45	Julia Venturini	Two stars rising: demographics, formation and characterisation of planets orbiting binary stars	Topic 1
16:45	17:00	Kaiming Cui	Occurrence Rates of Close-in Planets and the Neptunian Desert Across Stellar Types from TESS	
17:00	17:15	Madyson Barber	TI-DYE: TESS Investigation - Demographics of Young Exoplanets	
17:15	17:30	Lauren Biddle	Spin-Orbit Alignment of Planetary Systems Through Space and Time	
17:30	17:45	Sarah Ballard	Exoplanet occurrence and dynamics in a galactic context	
17:45	18:00	Domenico Barbato	Unmasking the giants: the hunt for Gaia substellar candidates with HARPS-N	
18:00	18:15	John Zanzzi	Hot Jupiters, Obliquity Damping, and Resonance Locking	
18:15	18:30	Peiwei Tu	Planets Across Space and Time (PAST). VI. Age Dependence of the Occurrence and Architecture of Ultra-Short-Period Planet Systems	

# ROOM 2: PARALLEL SESSIONS



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## THURSDAY

2 JULY

START	END	SPEAKER	TITLE		
12:00	13:00	LUNCH			
13:00	14:00				
14:00	14:15	Engin Keles	Detection of a Lava World atmosphere on 55 Cnc e	Topic 3	
14:15	14:30	Guo Chen	From dayside to nightside: insights from high-resolution near-infrared spectroscopy of ultrahot Jupiters		
14:30	14:45	Julia V. Seidel	Atmospheric Wind Measurements as Probes of Magnetic Fields in Ultra-Hot Jupiters		
14:45	15:00	Dario Gonzalez Picos	Clouds, Chemistry and Isotopes in $\beta$ Pictoris b's Atmosphere		
15:00	15:15	Georgia Mraz	High Resolution Emission Phase Curve of the Ultra Hot Jupiter WASP-33 b		
15:15	15:30	Morgan Sidel	Tails, Torii, and Tidal Decay: Observing the Most Violent Atmospheric Outflows		
15:30	15:45	Gaia Lacedelli	Linking migration to atmospheric escape: first results from the ATREIDES survey of exo-Neptunes		
15:45	16:00	Niamh Mallaghan	Probing the unique giant exoring candidate ASASSN-21js		
16:00	16:30	COFFEE BREAK			
16:30	16:45	Nikku Madhusudhan	A JWST Survey of the Sub-Neptune Regime: New insights into uncharted territory	Topic 3	
16:45	17:00	Lukas Felix	Competing chemical signatures in the atmosphere of TOI-270 d		
17:00	17:15	Alexandre Souza	Atmospheric Characterization of K2-18 b from Combined JWST Transmission Spectroscopy		
17:15	17:30	Achrene Dyrek	Hot Hosts and Cool Neptunes: JWST observations of HD106315c around an F-type star		
17:30	17:45	Lorenzo Pica-Ciamarra	JWST Transmission Spectrum of a Benchmark Temperate Sub-Neptune		
17:45	18:00	James Kirk	BOWIE-ALIGN: A Population-Level Comparison of Aligned and Misaligned Hot Jupiter Atmospheres		
18:00	18:15	Edouard Barrier	The 3D runaway greenhouse effect on temperate sub-Neptunes		
18:15	18:30	Jerry Xuan	The First Spectrum of a Mature Cold Jupiter in our Backyard and the First Exoplanetary Detections of CH3D and 15NH3		

# ROOM 3: PARALLEL SESSIONS



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## MONDAY

29 JUNE

START	END	SPEAKER	TITLE	
12:00	13:00		LUNCH	
13:00	14:00			
14:00	14:15	Aki Roberge	Habitable Worlds Observatory Project Status & Maturation Plans	Topic 3
14:15	14:30	Aaron Bello-Arufe	Detecting biosignatures on habitable rocky worlds with ELT/ANDES	
14:30	14:45	Sascha P. Quanz	Decoding Other Worlds: Unlocking Planetary Habitability and Atmospheric Biosignatures with the LIFE Space Mission	
14:45	15:00	Tyler Robinson	Exo-Earth Science with Habitable Worlds Observatory	
15:00	15:15	Nestor Espinoza	The Rocky Worlds DDT Program	
15:15	15:30	Qia Xue	Hot Rocks through JWST/NIRSpec's eyes: What we learned from phase curves	
15:30	15:45	Ryan Boukrouche	Infrared heating hampers habitability around M stars	
15:45	16:00	Afonso Mota	A Biologically Defined Habitable Phase Space for Exoplanets	
16:00	16:30		COFFEE BREAK	
16:30	16:45	Babatunde Akinsanmi	The atmosphere of the Ultra-hot Jupiter WASP-103b revealed by a JWST Optical to Infrared Phase Curve	Topic 3
16:45	17:00	Daphne Broski-Laing	The best of both worlds: NIRSpec PRISM phase curves of two high-mass hot Jupiter analogs	
17:00	17:15	Eva-Maria Ahrer	Resolving the atmospheric limbs of HD 209458b with JWST/NIRCam	
17:15	17:30	Jared Splinter	Breaking Degeneracies in the Phase Curves of the Ultra-hot Jupiter WASP-121b with JWST NIRISS and NIRSpec	
17:30	17:45	Michael Radica	Unveiling the Nature of Super-Puffs: Early Results from a Panchromatic JWST Atmospheric Spectroscopy Survey	
17:45	18:00	Anastasia Triantafillides	The Panchromatic Transmission Spectrum of the Warm Jupiter WASP-80 b	
18:00	18:15	Joost Wardenier	Results from two ultra-hot Jupiter programs with JWST/NIRSpec: the phase curve of WASP-76b and the secondary eclipse of KELT-20b	
18:15	18:30	Måns Holmberg	Beyond a Homogeneous Terminator: Spatially and Temporally Resolved JWST Spectroscopy of Kepler-12 b	

# ROOM 3: PARALLEL SESSIONS



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## TUESDAY

30 JUNE

START	END	SPEAKER	TITLE	
12:00	13:00		LUNCH	
13:00	14:00			
14:00	14:15	Ryan Rubenzahl	Isolating pixel-level spectral variability in the Sun across time and space with multi-instrument EPRV datasets	Topic 4
14:15	14:30	Eric Ford	Every Line Matters: Separating planetary and stellar signals via line-by-line analysis of EPRV surveys	
14:30	14:45	Katlyn Hobbs	Tracing the Spectral Fingerprints of Sunspots and Plage Across the Optical Spectrum	
14:45	15:00	Angharad Weeks	First Detection of Stellar Granulation and Oscillations from JWST Exoplanet Light Curves	
15:00	15:15	Cis Lagae	Stellar granulation-induced variability across the optical spectrum	
15:15	15:30	Sabrina Sagynbayeva	A hierarchical model for understanding stellar magnetic activity	
15:30	15:45	Alba Barka	Modeling Activity-Driven Signals in Photometry and Radial Velocities for Exoplanet Detection	
15:45	16:00	Lily Zhao	The Extreme Stellar Signals Project IV: Results with Concurrent Solar Data	
16:00	16:30		COFFEE BREAK	
16:30	16:45	Clark Baker	Commissioning and First Light of HARPS3 on the Automated Isaac Newton Telescope	Topic 2
16:45	17:00	Jinglin Zhao	Target Selection for the Second Earth Spectrograph (2ES): A Systematic Search for Earth Analogues	
17:00	17:15	Mathilde Timmermans	An update on the SPECULOOS survey: hunting small planets around the coolest stars	
17:15	17:30	Wata Tubthong	Small circumbinary planets are truly rarer than small single-star planets	
17:30	17:45	Kaz Gary	Masses of Directly-Imaged Planets via Ultra-High Precision Astrometry with the Habitable Worlds Observatory	
17:45	18:00	Markus Bonse	Use the 4S: A systematic re-analysis of VLT/NaCo data with Explainable Machine Learning	
18:00	18:15	Adrien Simonnin	High-contrast observations with ELT-ANDES: exoplanet yields with end-to-end simulations	
18:15	18:30	Macarena Vega Pallauta	CorGI-REx: Reference Star Vetting for the Roman Coronagraph Instrument with High-Contrast Imaging from VLT/SPHERE	

# ROOM 3: PARALLEL SESSIONS



TOPIC 1: **Present day results in exoplanet research** (setting the stage)

TOPIC 2: **Towards the detection of the lowest mass/smaller planets** (methods, instrumentation, data analysis)

TOPIC 3: **Towards their detailed characterisation** (interior models, atmospheres, astrobiology, ...)

TOPIC 4: **Astrophysical challenges** (detailed stellar characterisation, star-planet connection, stellar noise)

## THURSDAY

2 JULY

START	END	SPEAKER	TITLE	
12:00	13:00		LUNCH	
13:00	14:00			
14:00	14:15	Kamil Kalinowski	Gaia Astrometric Substellar Companions: DR3 RV Follow-Up and DR4/DR5 Forecasts for Mutual Inclinations	Topic 1
14:15	14:30	Lina Messamah	In the Company of Two : NIRPS Hunts Planets in Binary Systems	
14:30	14:45	Léna PARC	The Outer companions of Hot Jupiters: insights from two decades of CORALIE radial velocity monitoring	
14:45	15:00	Amadeo Castro-González	The Neptunian ridge: a dynamical fingerprint of close-in planet evolution	
15:00	15:15	Robin Canup	Formation of compact systems during disk infall	
15:15	15:30	Jean-Baptiste Ruffio	Elemental abundances of the HR 8799 planets reveal hallmarks of pebble formation	
15:30	15:45	Alice Booth	The Chemical Landscape of Giant Planet Formation	
15:45	16:00	Juan Espinoza-Retamal	POSEIDON: The Dynamical Origins of Hot and Warm Neptunes	
16:00	16:30		COFFEE BREAK	
16:30	16:45	Pietro Leonardi	Observing and modeling the orbit of a 542-Day transiting giant with large Transit Timing Variations	Topic 1
16:45	17:00	Xian-Yu Wang	Distinct Eccentricity - Stellar Obliquity Trends in Three Gas-Giant Mass Regimes	
17:00	17:15	Samuel Grunblatt	Doubling the Sample of Asteroseismic Masses, Radii, and Ages for Transiting Planet Systems Observed by TESS	
17:15	17:30	Joshua Roth	The T16 Planet Hunt: 10,000 Newly Identified TESS Exoplanet Candidates	
17:30	17:45	Richelle van Capelleveen	Results from the Wide Separation Planets In Time (WISPIT) survey	
17:45	18:00	Samuel Yee	Not so Lonely: Hot Jupiters with Near-Resonant Companions	
18:00	18:15	Songhu Wang	Misaligned Cool Stars with ``In-Between'' Jupiters: Smoking-Gun Evidence for High-e Migration and Tidal Realignment	
18:15	18:30	Jonathan Roberts	Two Populations, Two Histories: Orbital Eccentricities of Exoplanets and Brown Dwarfs	