

Poster list

- P001]** **Jea Adams** - Introducing pyKLIP-PE: A Flexible, Data-Driven Optimization Tool For High Contrast Imaging
- P002]** **Ramya Anche** - Simulations of polarimetric observations of debris disk Epsilon-Eridani through Roman Coronagraph Instrument
- P003]** **Jaren Ashcraft** - Integrated Modeling of Observatories with Astronomical Coronagraphs using Hybrid Propagation Physics
- P004]** **Aneesh Baburaj** - Determining C/O ratios for Directly Imaged Planet Host Stars
- P005]** **William Balmer** - Characterization of the L-type Brown Dwarf Companion to the Nearby Solar-type Star HD 72946 with VLTI/GRAVITY, VLT/SPHERE
- P006]** **Saugata Barat** - Constraining planet formation with atmospheric observations from the V1298 Tau planet system.
- P007]** **Pierre Baudoz** - Study, development and laboratory performance of a Hybrid Lyot-like coronagraph on the THD2 bench
- P008]** **Eduardo Bendek** - Implementation of high-contrast imaging of binary stars with the Roman Space Telescope Coronagraph Instrument
- P009]** **Arielle Bertrou-Cantou** - On going developments on the High Contrast Spectroscopy Testbed (HCST)
- P010]** **Alexis Bidot** - High-Contrast Imaging with ELT-HARMONI: contrast limitation with molecular mapping
- P011]** **Jayne Birkby** - Challenges in the hunt for biosignatures with high resolution spectrographs
- P012]** **Dori Blakely** - Two Rings and a Marginally Resolved, 5 au Disk Around LkCa 15 Identified Via Near Infrared Sparse Aperture Masking Interferometry
- P013]** **Nicolas Blind** - RISTRETTO: high-contrast, high resolution spectroscopy at $2 \lambda/D$ on the VLT
- P014]** **Mark Booth** - ALMA's View of epsilon Eridani's Resonant Clumps
- P015]** **Brendan Bowler** - Dynamical Beacons: Discovering and Characterizing Long-period Giant Planets and Brown Dwarfs with Astrometric Accelerations
- P016]** **Per Calissendorff** - Mid-Infrared AO-Assisted Imaging with MIRAC-5/Geosnap: Exploring Planetary System Architectures
- P017]** **Faustine Cantalloube** - Exoplanet Imaging Data Challenge
- P018]** **Gael Chauvin** - Dissecting the young, Solar System-analog HD 95086
- P019]** **Jeffrey Chilcote** - GPI 2.0: Upgrades to the Gemini Planet Imager Integral Field Spectrograph
- P020]** **Elodie Choquet** - JWST ERS HCI Program: MIRI observations of the HD 141569 debris disk system
- P021]** **Valentin Christiaens** - What is causing the spiral arms of MWC 758? A re-analysis of archival data.
- P022]** **Valentin Christiaens** - VIP and SPECIAL - two open-source toolkits for the detection and spectral characterization of companions in high-contrast imaging data
- P023]** **Jean Costes** - A new light on Beta Pictoris b using CRIRES+
- P024]** **Nick Cvetojevic** - First experimental demonstration of a Kernel-nulling photonic interferometer
- P025]** **Hazan Daglayan Sevim** - Matrix Completion for Direct Imaging of Exoplanets
- P026]** **Felix Aron Dannert** - The Large Interferometer For Exoplanets: Simulations Towards the Direct Detection of Dozens of Terrestrial Exoplanets
- P027]** **Niyati Desai** - Scalar Vortex Coronagraph Progress Toward Achromatic Performance
- P028]** **Célia Desgrange** - Testing formation scenarios of super-Earth planetary systems: what hides in the outer regions?
- P029]** **Clarissa Do O** - An Analysis of the orbital eccentricities of directly imaged extrasolar planets
- P030]** **David Doelman** - First laboratory tests of a triple-grating vector vortex coronagraph
- P031]** **Olivier Flasseur** - New post-processing algorithms for exoplanet detection and circumstellar disk reconstruction by direct imaging
- P032]** **Kevin Fogarty** - The PIAA-Vortex Coronagraph: A New Coronagraph Technology to Maximize Exo-Earth Yields in the Astro2
- P033]** **Clemence Fontanive** - The COPAINS Pilot Survey: new brown dwarfs and a high companion

detection rate

- P034]** Jules Fowler - Clear Skies with a Chance of Wind-Driven Halo: Data and Model-Driven Predictive Wavefront
- P035]** Raphaël Galicher - On-sky Dark Hole in SPHERE/VLT Coronagraphic Images Using Pair-Wise Probing and Electric Field Conjugation
- P036]** Emily Garvin - Machine learning applied to molecular mapping: a novel approach to improve detection of exoplanets
- P037]** Benjamin Gerard - Towards On-Sky Focal Plane Wavefront Control of Residual Atmospheric Speckles
- P038]** Christian Ginski - SPHERE-DESTINYs: Imaging the cradles of planet formation
- P039]** Julien Girard - Tracking planets in reflected light with the Roman Coronagraph
- P040]** Camille Graf - Calibration and performances of a self-referenced Mach-Zehnder wavefront sensor for extreme adaptive optics
- P041]** Tyler Groff - Prism and Polarizer Flight Unit Performance for RST CGI
- P042]** Kielan Hoch - Moderate Resolution Spectroscopy of Directly Imaged Exoplanets
- P043]** Katelyn Horstman - Exomoon Sensitivity of the Keck Planet Imager and Characterizer (KPIC)
- P044]** Rebecca Houghton - FOBOS: The Few Observation Binary Orbit Solver
- P045]** Adrien Hours - HARMONI at ELT: A Zernike wavefront sensor for the high-contrast module - Testbed results
- P046]** Renyu Hu - A Starshade Vision of the Imaging Search of Habitable Exoplanets
- P047]** Elsa Huby - MICADO Coronagraph: performance simulations and operation
- P048]** Rebecca Jensen-Clem - An Updated Preliminary Optical Design and Performance analysis of the Planetary Systems Imager
- P049]** Adam Johnson - Blinking the fringes, initial development and results of the Ultra-Low Speed Optical Chopper
- P050]** Sandrine Juillard - A Spiral arm in the outer disc of PDS-70 ?
- P051]** Paul Kalas - Mapping the extended morphologies of young debris disks with HST/STIS
- P052]** Jens Kammerer - Combining GRAVITY and JWST to characterize exoplanets at high angular resolution
- P053]** Matthew Kenworthy - The Young Suns Exoplanet Survey: Lonely planets far from home
- P054]** Lorenzo König - Optimal Design of Annular Groove Phase Mask Center
- P055]** Tomoyuki Kudo - Fast NIR Polarimetric Differential Imaging modes on Subaru/SCEXAO
- P056]** Jonas Kuhn - The Programmable Liquid-crystal Active Coronagraphic Imager for the DAG telescope (PLACID) instrument: Overview
- P057]** Taylor Kutra - A Model of Self-Consistent Heating for a Protoplanetary Disk
- P058]** Iva Laginja - Contrast-based WFE tolerance analyses for coronagraphy with segmented telescopes
- P059]** Anne-Marie Lagrange - Robust random forests for the fast inversion of exoplanet spectra
- P060]** Manon Lallement - Instrumental developments for protoplanet detection with the visible interferometer FIRST at the Subaru telescope
- P061]** Maud Langlois - Applying new data analysis methods to SPHERE data to recover circumstellar disks intensity and polarimetry
- P062]** Romain Laugier - The expected performance of nulling at the VLTI down to 5 mas
- P063]** Jensen Lawrence - A Robust Bayesian Framework for Combining Imaging, Astrometry, and Radial Velocity
- P064]** Lucie Leboulleux - Design of coronagraphs robust to segmentation-due errors and island effects
- P065]** Briley Lewis - Speckle Space-Time Covariance in High-Contrast Imaging
- P066]** Pengyu Liu - Post-processing algorithms for vAPP coronagraphic data
- P067]** Joseph Long - Searching for irradiated planets at small separations with vector-apodizing phase plate coronagraphy in the thermal infrared
- P068]** Ronald Lopez - The Peculiar Warp of HD 110058s Debris Disk
- P069]** Julien Lozi - AO3000 at Subaru: Combining for the first time a NIR WFS using First Lights C-RED ONE and ALPAOs 64x64 DM
- P070]** Jie Ma - Quantitative disk polarimetry of RX J1604.3-213010

- P071]** Alexander Madurowicz - Integral Field Spectroscopy with the Solar Gravitational Lens
- P072]** Frantz Martinache - Multiplexed kernel-nulling interferometry for robust and efficient high-contrast imaging at the focus of a single aperture
- P073]** Marc-Antoine Martinod - Towards broadband nulling and fringe tracking with 3D-photonics couplers on GLINT
- P074]** David Marx - Results from the Laboratory Demonstration of a PIAACMC Coronagraph with a Segmented Aperture
- P075]** Johan Mazoyer - DiskFM, A Forward Modeling Tool for Disk Analysis with Coronagraphic Instruments
- P076]** Camilo Mejia Prada - Deformable Mirror Driver ASIC Environmental Testing for Space-Based Applications
- P077]** Kian Milani - Parallelized GPU Physical Optics Simulations for the Roman Coronagraph
- P078]** Julien Milli - The polarimetric properties of the HD181327 debris disc: analogy to solar system comets
- P079]** Paul Mollière - Retrieving the atmospheric properties of cloudy directly imaged planets
- P080]** Jayke Nguyen - Improved M-Band Imaging of the HR 8799 System
- P081]** Eric Nielsen - The Gemini Planet Imager Exoplanet Survey: Giant Planet and Brown Dwarf Demographics from 10-100 AU
- P082]** Matthew Noyes - JPLs Astrometry Testbed and its Status
- P083]** Paulina Palma-Bifani - Unveiling the origins of AB Pic b through its orbit and atmosphere
- P084]** Jyotirmay Paul - Lab demonstration of deep learning methods for focal-plane wavefront sensing
- P085]** Logan Pearce - Companion Mass Limits of 17 Binary Star Systems from the Binary Differential Imaging Survey
- P086]** Anne Peck - Spectral follow-up of astrometrically selected planet host candidates using Apache Point Observatory.
- P087]** Dillon Peng - GPI 2.0: Performance of upgrades to the Gemini Planet Imager CAL and IFS
- P088]** Clément Perrot - First detection and characterization of a bright gaseous debris disk in polarimetric scattered light with VLT/SPHERE
- P089]** Axel Potier - ExoEarth yield provided by an 8m off-axis segmented telescope equipped with an adaptive optics system
- P090]** Camilo Prada - Deformable Mirror Driver ASIC Environmental Testing for Space-Based Applications
- P091]** Isabel Rebollido Vázquez - A revisit of Beta Pic's disk: from HST to JWST
- P092]** A J Eldorado Riggs - Flight masks of the Roman Space Telescope Coronagraph Instrument
- P093]** Simon Ringqvist - Strong H-alpha emission and signs of accretion in a circumbinary planetary mass companion from MUSE
- P094]** Garreth Ruane - Coronagraph Technology Development for Imaging Earth-like Exoplanets with Future Space Telescopes at NASA's High Contrast
- P095]** Mariam Sabalbal - Exploring the impact of RSM parameters on the detection limits of SHINE data
- P096]** Ben Sappey - High-Resolution Spectra of HD 206893 b with Keck Planet Imager and Characterizer (KPIC)
- P097]** Aditya Sengupta - Laboratory Demonstrations of Optimal Identification and Control of Tip-Tilt Systems
- P098]** Eckhart Spalding - GPI 2.0: Baseline testing of the Gemini Planet Imager Instrument
- P099]** Sophia Stasevic - A deeper look into the morphology of the HD 110058 debris disk using SPHERE multiband data
- P100]** Deno Stelzer - Lifting the SCALES from our Eyes: Instrument Status and Update
- P101]** Tomas Stolker - The dusty environment of GQ Lupi B: a formation site of moons?
- P102]** Ben Sutcliffe - Mapping Exoplanet Atmospheres with Direct Ground-based Observations
- P103]** Samuel Thé - Long-slit spectroscopy characterization of substellar objects with the EXOSPEC algorithm
- P104]** William Thompson - Limits on additional planets in the HR8799 system: orbital detection through 12 years of L-band imaging at Keck
- P105]** Taylor Tobin - Status of the Automated Data Extraction, Processing, and Tracking System

(ADEPTS) for CHARIS/SCEXAO

P106] Christian Tschudi - Search for reflected light from Eps Eri b with SPHERE/ZIMPOL

P107] Taichi Uyama - Current status of H high-contrast imaging with Subaru/SCEXAO

P108] Joost van den Born - Simulations of the speckle method as a performance verification and calibration technique for the MICADO Atmospheric Dispersion

P109] Maaïke van Kooten - On-sky results of predictive control on Keck II

P110] Sophia Vaughan - Detecting Biosignatures of Nearby Rocky Exoplanets: Simulations of High Spectral Resolution Observations with the ELTs

P111] Kimberly Ward-Duong - Simulating MIRI Coronagraphy of Companions and Disks using MIRISim

P112] Kadin Worthen - Developing and testing PSF subtraction for the JWST MIRI MRS

P113] Chen Xie - Performance of reference-star differential imaging on SPHERE/IRDIS

P114] Yinzi Xin - Enabling exoplanet characterization at the diffraction limit using a Photonic Lantern Vortex Fiber Nuller

P115] Jerry Xuan - A Clear View of a Cloudy Brown Dwarf Companion from High-Resolution Spectroscopy

P116] Manxuan Zhang - Characterizing the Instrumental Polarization of SCEXAO VAMPIRES

P117] Iain Hammond - External or internal companion exciting the spiral arms in CQ Tau?

P118] Jonathan Lin - Theory and simulation of a photonic lantern focal-plane wave sensor