Poster Sessions

Monday 25 October

Session 2: Direct imaging ongoing programs

2.1	*Direct imaging of targets with radial velocity drifts from the HARPS and CORALIE surveys*	J. HAGELBERG
2.2	*Testing the ANDROMEDA method for exoplanet detection on VLT/NACO data*	A. EGGENBERGER
2.3	*Data reduction techniques for P1640*	I. PARRY
2.4	*A New Criterion for Exoplanet Imaging Target Selection, and First Results on the 14 Her Planetary System with MMTAO/Clio*	T. RODIGAS
2.5	*Direct imaging of stars with radial velocity drifts.*	G. MONTAGNIER
2.6	*NaCo's coronagraphic upgrades*	J. GIRARD
2.7	*Imaging polarimetry of circumstellar environments with the Extreme Polarimeter*	M. RODENHUIS
2.8	*Planets in the hinterland: the case of 1RXS J1609b*	D. LAFRENIERE
2.9	*Target preparation for direct imaging planet searches*	J. PATIENCE
2.10	*The Gemini NICI Planet-Finding Campaign: Discovery of a Close Substellar Companion to a Young Solar Analog*	B. BILLER
2.11	*Probing the Occurrence of Exoplanets and Brown Dwarfs at Wide Orbits, the NaCo Large Programme - Progress Report*	G. CHAUVIN
2.12	*Direct Detections of the HR8799 planets using the LOCI algorithm on NICMOS data*	J. HAGAN

Session 3: Direct detection with transit spectroscopy

3.1	*State of the art on the detection of exoplanets by the transit method with small instruments*	A. DAASSOU
3.2	*Transit-timing variations and orbital stability of resonant high eccentric Earth-mass planets in "Hot Jupiter" systems*	T.C. HINSE
3.3	*Exoplanetary systems with SAFARI*	K. ENYA for P.R. ROELFSEMA

Session 4: Planetary formation

4.1	*Self-consistent models of the dusty content of protoplanetary disk: modelisation and observations*	S. CHARNOZ

Session 6: Evolutionary models and planetary atmospheres

6.1	*Model optical spectra of habitable planets*	S. HEAP
6.2	*Astrometry observations of asteroids at Oukaimeden Observatory (J43)*	M. SABIL
6.3	*HST observations of the limb polarization of Titan*	A. BAZZON
6.4	*Formation and evolution of hydrogen atmospheres and oceans of Earth-like exoplanets*	M. IKOMA

Tuesday 26 October

Session 5: Circumstellar disks

5.1	*Multiple Inclined Belts in a Nearby Circumstellar Debris Disk*	M. FITZGERALD
5.2	*Pre-transitional disk nature of the AB Aur disk*	M. HONDA
5.3	*SEEDS J-band Polarimetric Imagery of the AB Aur Protoplanetary Disk*	J. WISNIEWSKI
5.4	*The Outer Disk of the Young Solar Analog: LkCa 15*	C. GRADY
5.5	*Scattered-Light Imaging of Protoplanetary, Transition, and Debris Disks: The Hubble Space Telescope Legacy*	G. SCHNEIDER
5.6	*Adaptive Optics observations in Serpens NW: Outflows, Disks and Companions*	K. HODAPP
5.7	*Imaging polarimetry of protoplanetary disks: feasibility and usability*	M. MIN
5.8	*Infrared interferometric observations of nearby exozodiacal disks: current status and perspectives*	D. DEFRERE
5.9	*Zodiac: A Balloon Facility for Exoplanet Debris Disk Observations*	W. TRAUB for S. UNWIN
5.10	*Coronagraphic Polarimetry of YSO and Debris Disks with HST NICMOS*	M. PERRIN

Session 7: Near term planned facilities

7.1	*Approximate analytical model of AO-corrected coronagraphic imaging, with a view to exoplanet detection and characterisation*	M. YGOUF
7.2	*Detailed numerical study for the apodized Lyot coronagraph of SPHERE/VLT*	M. CARBILLET
7.3	*Test Results for the Integral Field Spectrograph for the Gemini Planet Imager*	J. CHILCOTE
7.4	*A New High Contrast Imaging Program at Palomar Observatory*	S. HINKLEY
7.5	*Characterizing Corot-7b planet atmosphere with the instrument MIRI of the JWST*	C. CAVARROC
7.6	*Extreme AO coronagraphy laboratory demonstration in the context of SPHERE*	P. MARTINEZ
7.8	*FOROS: Fresnel optical propagation code for SPHERE*	N. YAITSKOVA
7.9	*Micro-arcsecond astrometry of exoplanet host stars with GRAVITY instrument*	N. KUDRYAVTSEVA
7.10	*The GPI Post-Coronagraph Wavefront Sensing Instrument*	K. WALLACE for R. BURRUSS
7.11	*Parallelization of exoplanets detection algorithms based on field rotation; example of the MOODS algorithm for SPHERE*	D. MATTEI

Thursday 28 October

Session 8: Enabling technologies for high contrast

8.1	*A coronagraph system with unbalanced nulling interferometer and fourth-order coronagraphs*	J. NISHIKAWA
8.2	*A novel algorithm for spectral extraction from a Coronagraphic Integral Field Unit*	S. HUNT
8.3	*Circular Aperture Interferometric Homothetic Apodization (CAIHA)*	Z. BENKHALDOUN for O. AZAGROUZE
8.4	*Coronography with a dynamic hologram*	D. RICCI
8.5	*Coupling high spatial and spectral resolution with high contrast imaging to characterize exoplanets with a hypertelescope*	F. PATRU
8.6	*Focal plane sensor for coronagraphic imaging*	R. VILLECROZE
8.7	*Laboratory demonstration of an optical vortex mask coronagraph using photonic crystal*	N. MURAKAMI
8.8	*Multi-color experiments for a binary-shaped pupil mask coronagraph*	K. HAZE
8.9	*Occulter Starshade Technology Development*	E. CADY for D. LISMAN
8.10	*Phase Closure Nulling: A "Lyot Mask" on correlated flux of stars*	A. CHELLI for G. DUVERT
8.11	*Coronagraphic performances of interfero-coronagraphs in presence of star leakage*	C. AIME
8.12	*Detection of extrasolar planets and circumstellar disks*	K. KHELFI
8.13	*Analysis of the Lyot coronagraph response to an extended source*	A. FERRARI
8.14	*Development of an L-band vector vortex coronagraph for NACO*	O. ABSIL
8.15	*Experimental Verification of Bayesian Planet Detection Algorithms with a Shaped Pupil Coronagraph*	D. SAVRANSKY
8.16	*Ground-based L-band coronagraphy*	D. MAWET
8.17	*Halftoning: from the printing industry to high-contrast imaging instruments*	P. MARTINEZ
8.18	*Calibration constraints for high contrast imaging*	M. LANGLOIS

Friday 29 October

Session 8: Enabling technologies for high contrast (con't)

8.19	*Single Aperture Imaging Astrometry with a Diffracting Pupil: Laboratory démonstration*	E. BENDEK
8.20	*Optimizing the PIAA coronagraph: throughput and contrast with pre and post-apodizers.*	A. CARLOTTI
8.22	*Sparse Aperture Masking at the VLT*	S. LACOUR
8.23	*Vector Vortex Coronagraph technology developments for space-based and ground-based telescopes: status update, and recent test results*	D. MAWET
8.24	*Interest of multistage apodized pupil Lyot coronagraph for ELTs*	P. MARTINEZ
8.25	*A simple and efficient model for polychromatric focal plane WFS*	S. DANDY

Session 9: Future ground and space projects