Workshop Programme (8/1/2013)

Monday AM		
	DATA ANALYSIS	
		9:00am Welcome
	Chair: Roberto Saglia	**9:10am** Nigel Metcalfe "An overview of the current status of the survey data
	Extended Source Analysis	- Tests and characterisation of IPP analysis: exponential, de Vaucoleurs and Sersic profile fits, including sizes, ellipticities and orientations - high-order information such asymmetry and clumpiness
		9:35am David Thilker "Tests and characterisation of IPP analysis"
		10:00am John Lucey "Some oddities with the IPP extended source analysis"
		10:25am Discussion
	10:45am--11:15am Coffee	
	Star-Galaxy(-Junk) Classification	- Various approaches to image classification and quantifying their pros and cons - optimisation of methods used by Galactic and extragalactic people
	Chair: David Thilker	**11:15am** Nicolas Martin "An approach to star-galaxy classification"
		11:40am Daniel Farrow "Star-Galaxy classification calibrated on fake images"
		12:05pm Nigel Metcalfe "Tests of Star-Galaxy classification"
	Object Classification	- Physical classification of objects based on multicolour information - Automated processes - Complementarity with respect to Star-Galaxy(-Junk) Classification
		12:30pm Roberto Saglia "Automated photometric classification"
		12:55pm Discussion
	1:15pm--2:15pm Lunch (ICC Patio)	
Monday PM		
	Photometric Redshift Determination:	- choice of aperture (aperture size and convolved or unconvolved, PSF matching between bands and within the stacks) - residual zero-point issues - accuracy of filter tracings - training and test spectroscopic datasets - obtaining and utilizing P(z) information
	Chair: Sebastien Foucaud	**2:15pm** Lihwai Lin "Photometric redshifts in the MDS fields"
		2:40pm Roberto Saglia "Photometric classification and redshifts from 3i"
		3:05pm Alastair Edge "Clustering of EROs in UKIDSS DXS and PS1 MDS fields" including more general discussion of the availability of IR data in the MDS fields.
		3:30pm Tom Shanks "Statistical Reverberation mapping with the MDS"
	3:55pm--4:20pm Coffee	
	Value added catalogs and PSPS	- how to determine M*, SFR, age etc... which comes for free with photo-zs computed by SED fitting - morphology parameters e.g. s/g separation - multi-wavelength data: u-band, NIR, etc... and spectroscopic data? - information to be added to PSPS?
		4:20pm Sebastien Foucaud Introduction to lead into a discussion with contributions from
		Roberto Saglia
		Peder Norberg
	5:15pm Close	
	Dinner at Oldfields Restaurant	**7pm**
Tuesday AM		
	Chair: Steffi Phleps	**9:20am** Nick Kaiser "A PS2 update"
	Completeness Masks	- Building masks quantifying the coverage and depth of 3Pi stacked observations - Issues of pixelisation - The 3Pi implementation challenge
		9:45am Daniel Farrow "Completeness modelling and galaxy clustering in SAS2"
		10:10am Shaun Cole "Completeness Masks for the 3Pi stacks"
		10:35am Nicolas Martin "3Pi coverage maps"
	11:00am--11:30am Coffee	
		11:30am Discussion
	Mocks	
	Chair: Shaun Cole	**11:50am** Carlton Baugh "Building Mock Galaxy Catalogues: overview "

		12:15pm Jo Woodward "Status update of Durham Lightcones: Synthetic galaxy survey catalogues from GALFORM"
		12:40pm Discussion
	1:00pm--2:00pm Lunch (ICC Patio)	
Tuesday PM		
	MDF	-bad regions, saturated stars, spikes, noisy bits etc ... one mask for everybody. Format? How do we share them?
	Chair: Peder Norberg	**2:00pm** Sebastien Foucaud "Taiwan Deep Stacks" (short techncial talk)
		2:10pm Chin-Wei Chen & Sebastien Foucaud "Examination of IPP deep stacks"
		2:30pm Discussion
	Science with MDF	- Clustering, Clusters/groups, density field measurements (for galaxy evolution or cosmology) (KP12)
		2:40pm Lihwai Lin "Clustering properties of galaxies in PS1/MD"
		3:05pm Steffi Phleps "The anisotropic correlation function of MD04 and MD07"
		3:20pm Hung-Yu Jian "PFOF Group Finding in Pan-STARRS1 MD Survey Fields"
	3:45pm--4:15pm Coffee	
		4:15pm Chin-Wei Chen "Colour Properties of Group Galaxies in Pan-STARRS MD Survey Fields"
		4:40pm Summary/Discussion
Wednesday AM		
	SCIENCE (CONTINUED)	
	KP5	
	Chair: Nicolas Martin	**9:20am** Edouard Bernard "Galactic globular clusters in the Pan-STARRS1 3Pi survey"
		9:45am Ben Laevens "Automated search for dwarf galaxies with latest Pan-STARRS data"
	KP9	
		10:10am David Thilker "Initial results from POGS" including an overview of KP9 projects
	Other	
		10:35am Seb Foucaud "Using supervised algorithms to identify lensed QSOs from the PS1 dataset"
	11:00am--11:20am Coffee	
		11:20am--1:00pm Further Science Talks TBC including
		12:30 Paul Green "PS1 meets SDSS IV: A time domain spectroscopic survey"
	1:00pm--2:00pm Lunch (ICC Patio)	
	Chair: Nigel Metcalfe	**2:00pm-3:30pm** Final Discussion Session Topics to be flagged during the workshop.