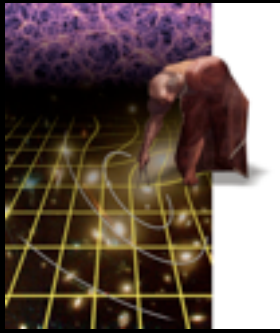


OU-SIR

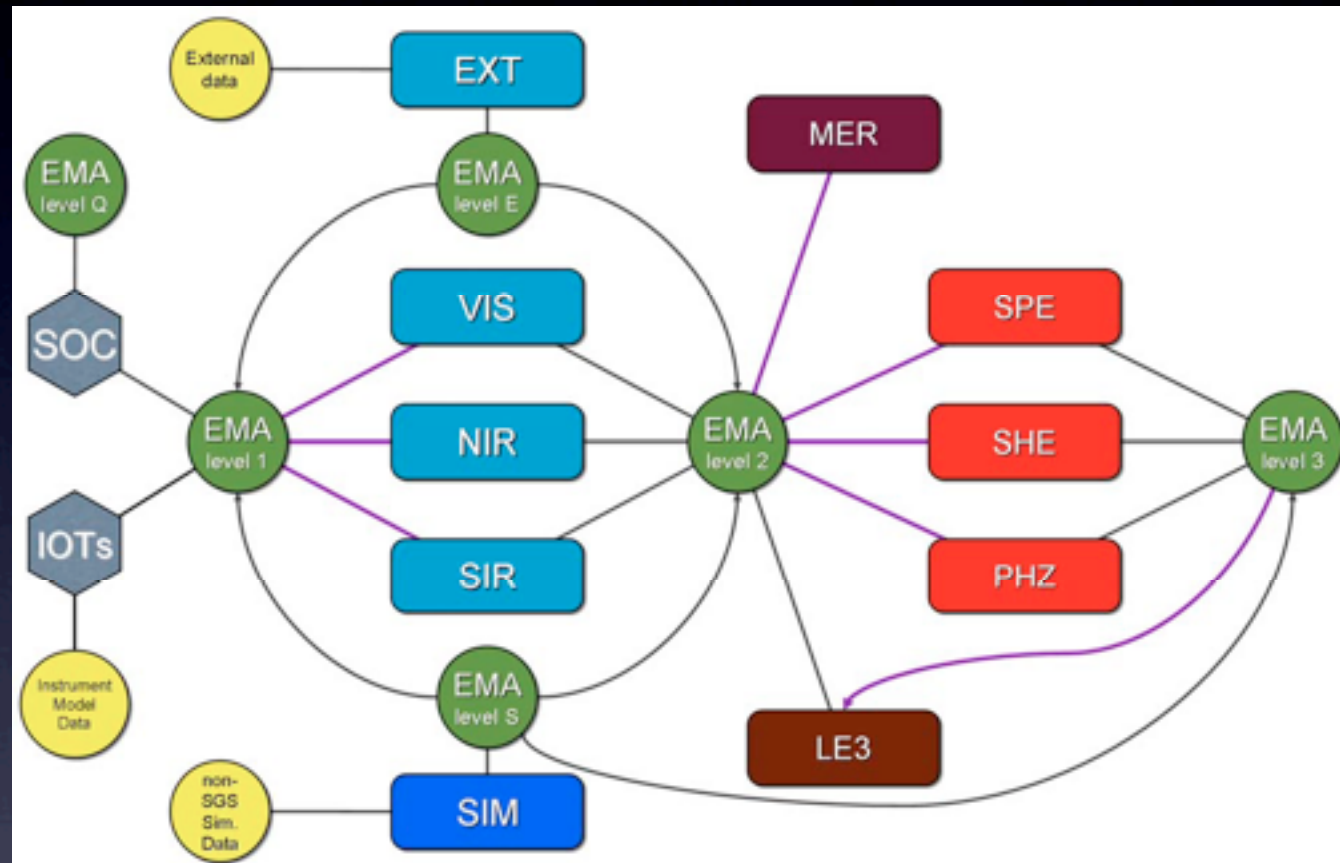
Spectral Infra-Red

<http://redmine.euclid-ec.org/projects/ou-sir>

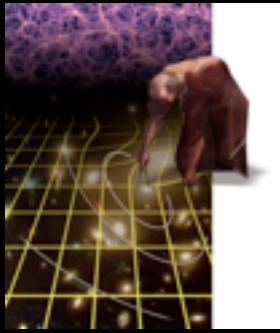
Christian Surace - LAM



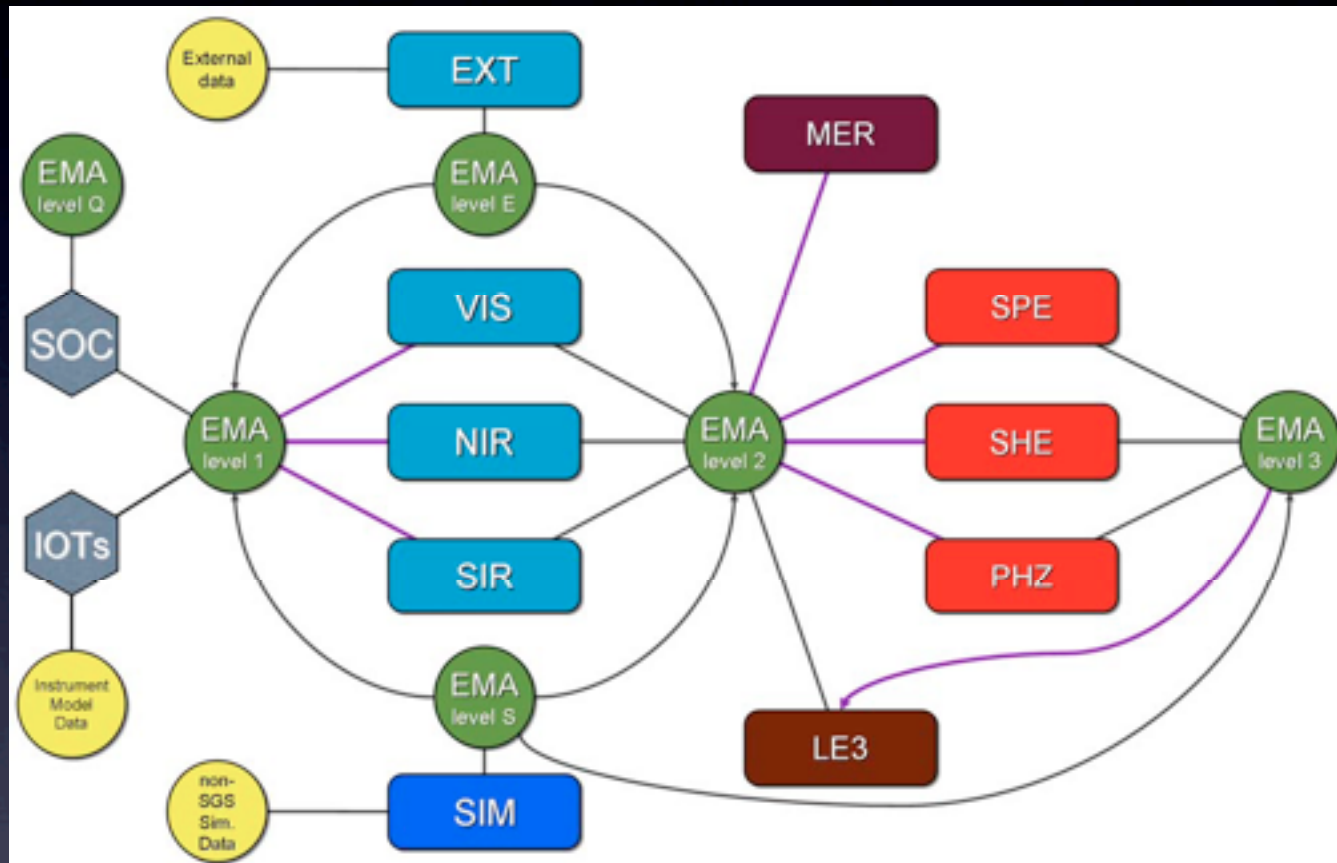
OU-SIR Collaboration



OU Lead : Marco Scodeggio
Co Lead : Christian Surace

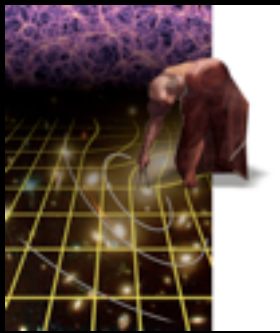


OU-SIR Collaboration

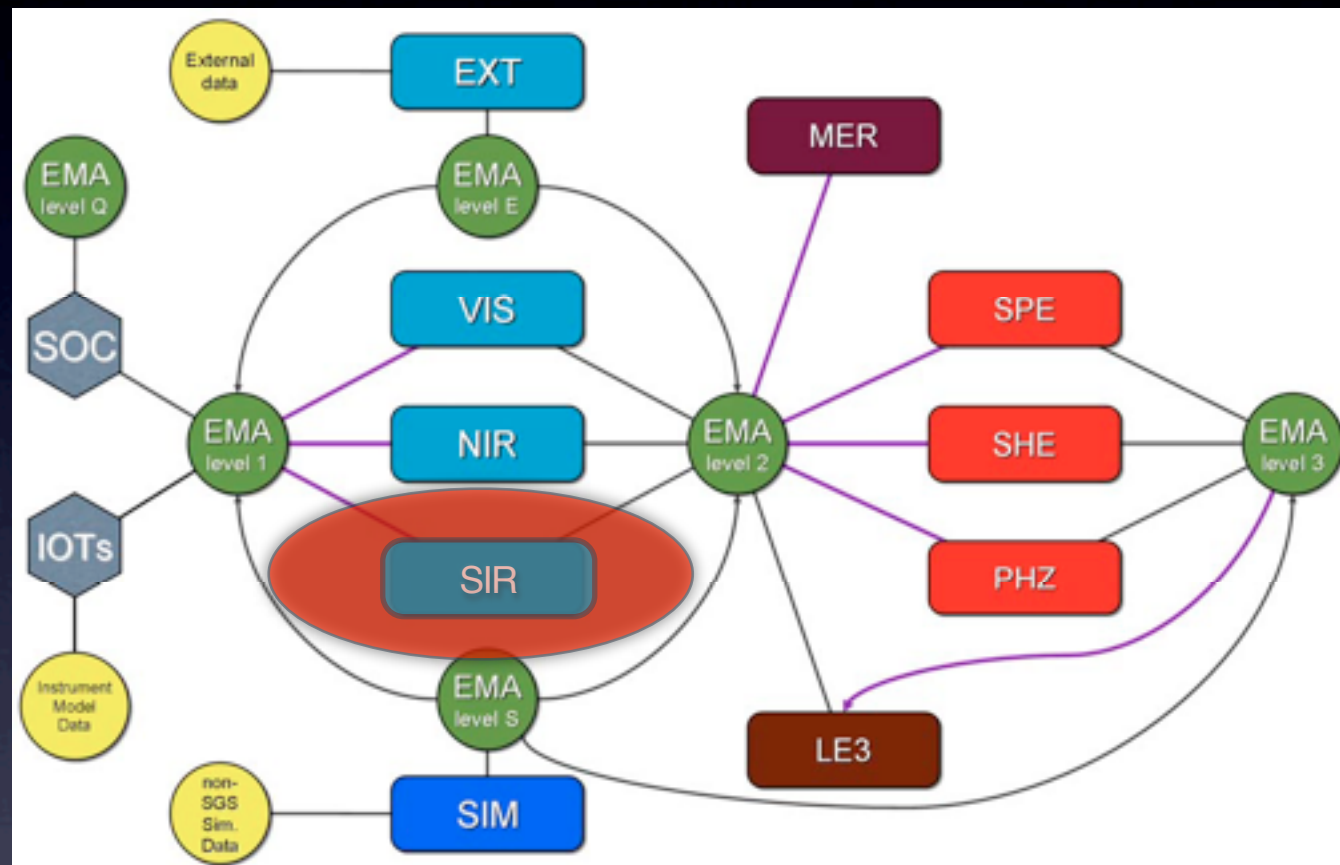


OU Lead : Marco Scodreggio
Co Lead : Christian Surace

Place	Country	FTE
Milano, Bologna, Arcetri, Trieste	Italy	19
LAM, IRAP	France	9
Copenhagen	Danemark	3
Leiden	Netherlands	1
Durham	Great Britain	1

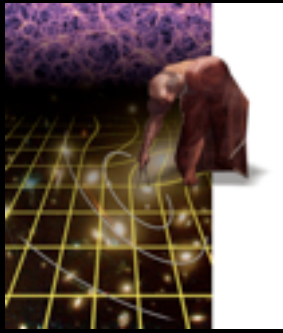


OU-SIR Collaboration

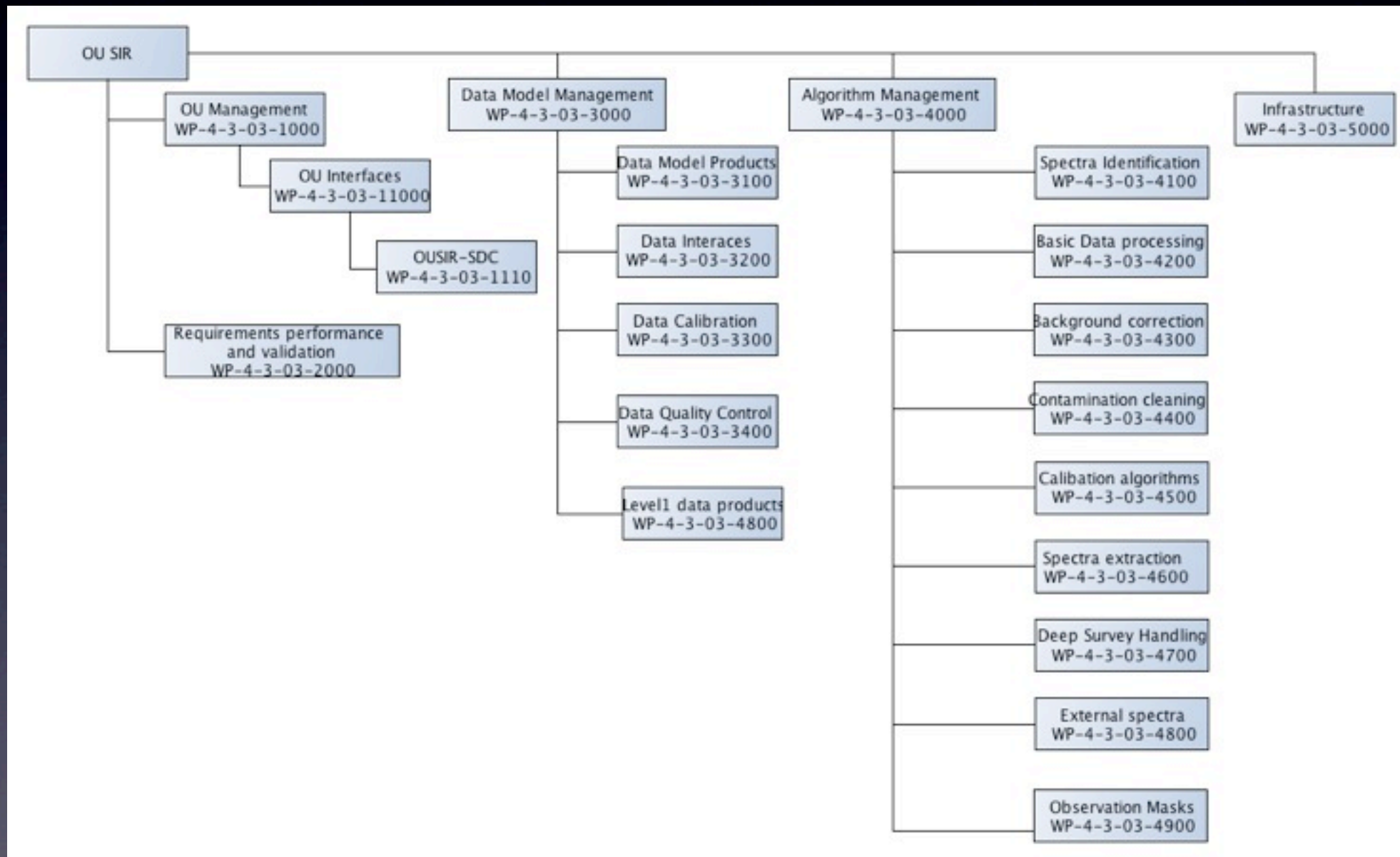


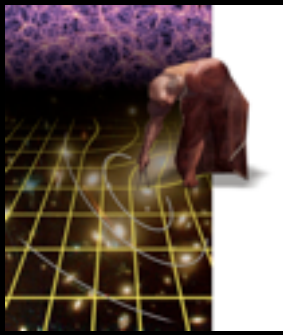
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WP distribution

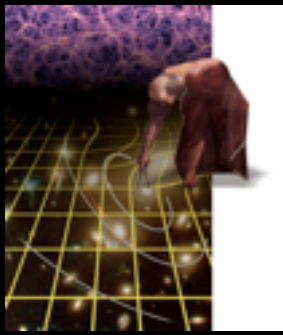




WP distribution

WorkPackages

WP Number	WP Name	WP Leader	WP Participants
Wp-4-3-03-1000	OU-SIR Management	M. Scodeggio	
Wp-4-3-03-2000	OU-SIR Requirements, Performance, Validation	W. Percival	L. Samushia, P. Norberg
Wp-4-3-03-3000	OU-SIR Data Model Management	C. Surace	
Wp-4-3-03-3100	OU-SIR Data Products	L. Paoro	V. Le Brun
Wp-4-3-03-3200	OU-SIR Data Interfaces	M. Mignoli	L. Paoro
Wp-4-3-03-3300	OU-SIR Calibration Data	L. Tresse	M. Fumana, P. Franzetti, R. Holmes
Wp-4-3-03-3400	OU-SIR Quality Control	C. Surace	T. Contini
Wp-4-3-03-3500	Level-1 Data Products	M. Scodeggio	
Wp-4-3-03-4000	OU-SIR Algorithms Management	P. Franzetti	
Wp-4-3-03-4100	Spectra Identification	J. Brinchmann	E. Palazzi, D. Vergani, L. Tasca, B. Epinat
Wp-4-3-03-4200	Basic Data Processing	G. Cresci	M. Fumana
Wp-4-3-03-4300	Background Subtraction	P. Ciliegi	E. Diolaiti, M. Fumana
Wp-4-3-03-4400	Contamination Cleaning	M. Scodeggio	P. Franzetti, W. Percival, L. Samushia, E. Palazzi, D. Vergani, T. Contini, J. De Ville
Wp-4-3-03-4500	Calibration Algorithms	M. Fumana	P. Franzetti, R. Holmes, E. Palazzi, L. Tresse, B. Epinat
Wp-4-3-03-4600	Spectra Extraction	O. Le Fevre	B. Millard, D. Vibert, B. Epinat
Wp-4-3-03-4700	Deep Survey Handling	L. Tasca	J. Brinchmann, P. Norberg
Wp-4-3-03-4800	External Spectra	K. Pedersen	L. Tresse
Wp-4-3-03-4900	Observations Mask	P. Norberg	W. Percival, L. Samushia, J. Brinchmann
Wp-4-3-03-5000	OU-SIR Infrastructure	L. Paoro	



Activities

Définition of the Work packages

- collaboration
- calibration,
- simulation

- Wp-4-3-03-xxxx
- WP-Lead :
- Objective of the WP :
- Tasks and activities
- Relations with other WPs
- Interface Control Documents
- key points and risks
- Inputs
- outputs
- Requirements
- Need for simulated data

Flow down of requirements

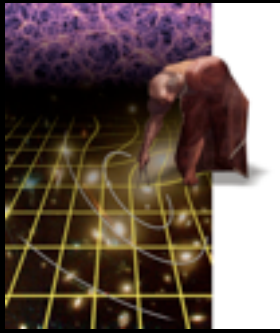
- DPRD : Data processing Requirement Document
- LSRD : Legacy Science Requirement Document

Define Spectra Data model

Define Data Quality flag

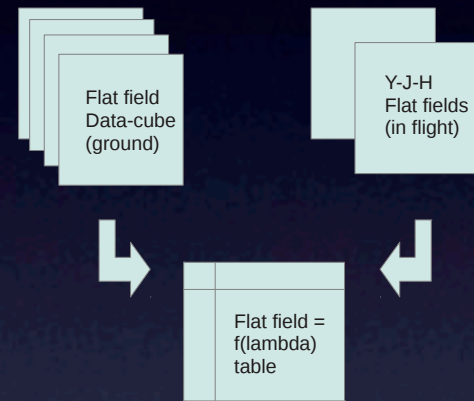
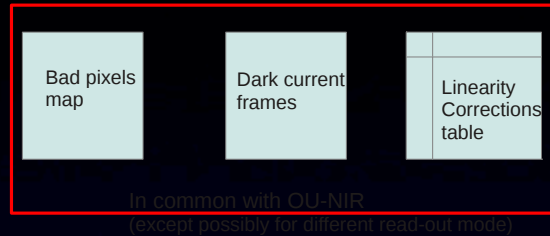
Analyse the data processing steps

Use pipeline prototype as testing pipeline for IAL
Mock up

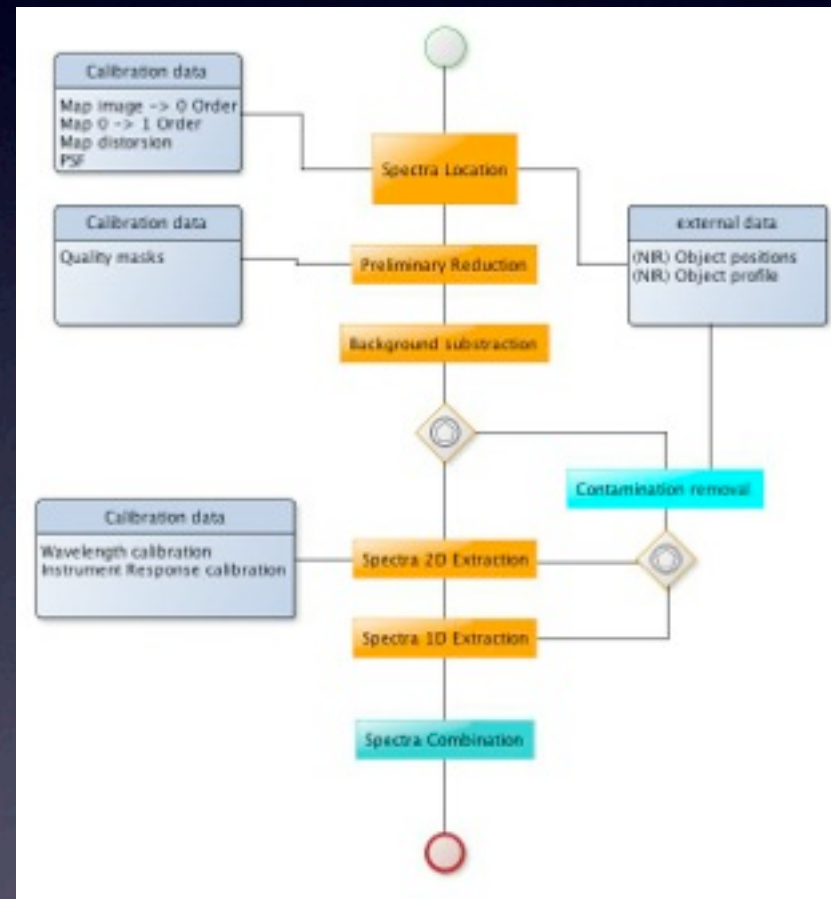
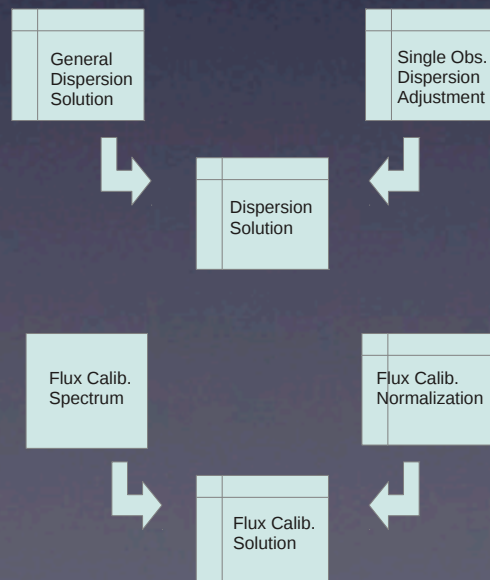


Pipeline design

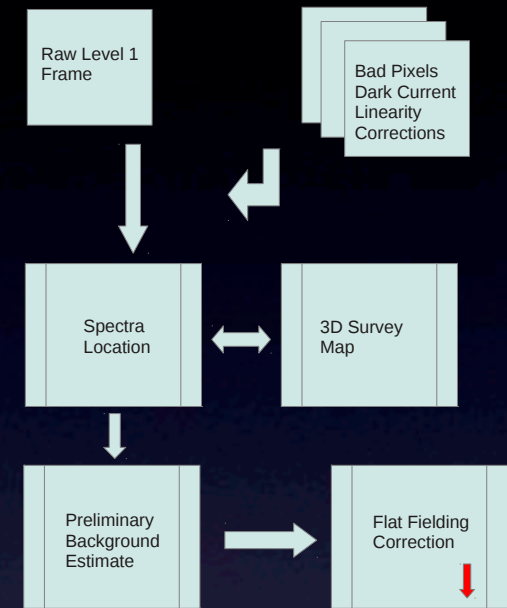
Detector Signature Calibration Data



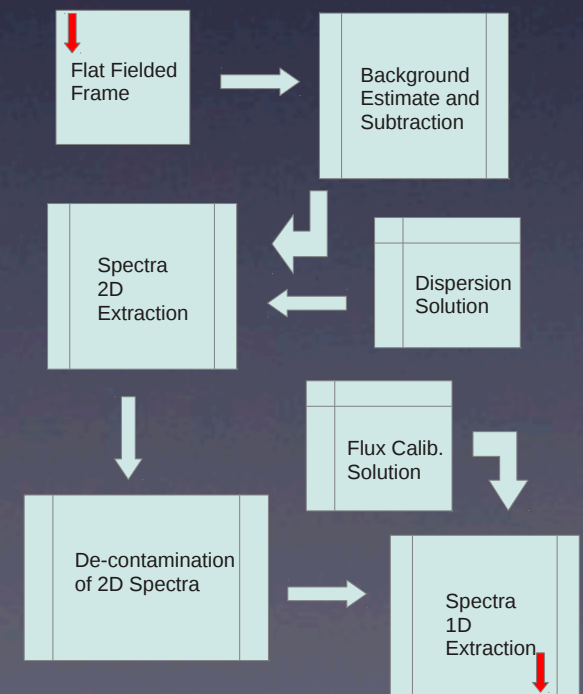
Observations Calibration Data

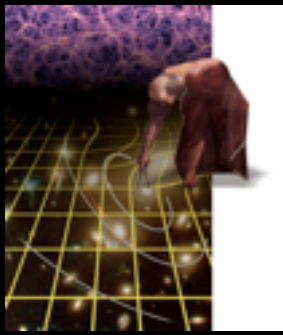


Observations Data Reduction 1



Observations Data Reduction 2





Next

- Finalisation of Requirements
- Finalisation of Quality flags
- Work on Interfaces

- Start working on simulated data