

# XXL CONSORTIUM MEETING

## 2-6 May 2011

### Monday, May 2nd - Chair: M. Pierre

#### 13:30-15:00 REGISTRATION

15:00-15:30	M. Pierre	Welcome – overview of the XXL project- the XMM observations
15:30-15:50	A. Mantz	Constraining cosmology and scaling relations from cluster surveys: lessons from RASS
15:50-16:10	D. Rappetti	Constraining gravity on cosmological scales with the abundance of X-ray luminous galaxy clusters

#### 16:10-16:40

#### BREAK

16:40-17:10	F. Pacaud	The XMM-LSS pipeline – Cluster catalogues
17:10-17:30	P. Valageas	Shot noise and sample variance for cluster $dn/dz$ and $x$ in various survey designs
17:30-18:00	S. Maurogordato	Optical cluster detection in the CFHTLS
18:00-18:30	J. Mohr	BCS status and DES plan

20:30-21:30	(place TBD)	Further questions + plans about the pipeline(s)
-------------	-------------	---

### Tuesday, May 3rd morning - Chair : J. Mohr

9:00-9:20	C. Lidman	SpARCS - A wide field survey for distant clusters with Spitzer
9:20-9:40	N. Clerc	Chandra observation of cluster RC-0218A at $z=1.6$
9:40-10:00	E. Daddi	An X-ray emitting galaxy cluster at $z=2$ .
10:00-10:20	J. Santos	The Chandra view of cool-core clusters at high-redshift
10:20-10:50		BREAK
10:50-11:20	J. Willis	High-redshift clusters within XMM-LSS - prospects for XXL
11:20-11:40	D. Pomarede	Three-dimensional Visualization of the XXL Extragalactic Survey
11:40-12:10	J. Hughes	Clusters and Cosmology from the Atacama Cosmology Survey
12:10-12:30	S. Molnar	Displacement between Sunyaev-Zel'dovich signal and X-ray peaks in Merging Cluster of Galaxies

# XXL CONSORTIUM MEETING

## 2-6 May 2011

### Tuesday afternoon Chair : C. Lonsdale

14:30-15:00	K. Anderson	X-ray follow-up of clusters detected with the South Pole Telescope
15:00-15:30	E. Rozo	Cosmology from Optical, X-ray, and SZ Surveys
15:30-16:10	W. Forman	Activity in the centre of clusters of galaxies
<b>16:10-16:40</b>		<b>BREAK</b>
16:40-17:00	K. Umetsu	Cluster Weak Gravitational Lensing with Subaru Observations
17:00-17:30	T. Broadhurst	Accurately measured cluster mass profiles from lensing
17:30-18:00	B. Poggianti	Galaxies in groups and clusters
18:00-18:20	R. Tuffs	Probing Baryonic Processes in Groups and Clusters using GAMA and XXL
18:20-18:40	A. Baldi	The Bologna group - cluster and AGN science with XXL

### Tuesday evening:

19:30-21:00		Visit of the historic city
-------------	--	----------------------------

### Wednesday, May 4th morning - Chair M. Plionis

9:00-9:30	F. Civano	COSMOS view of AGNs
9:30-9:50	O. Melnyk	Properties of AGN and their environment in the XMM-LSS field
9:50-10:20	A. Goulding	AGN detection and clustering analyzes in the 9.3 deg <sup>2</sup> Bootes field
<b>10:20-10:50</b>		<b>BREAK</b>
10:50-11:10	A. Elyiv	Correlation function analysis of the AGNs from XMM-LSS field
11:10-12:00	C. Lonsdale	The Atacama Large Millimeter/submillimeter Array, ALMA, and its potential for XXL follow-up programmes
12:00-12:20	I. Georgantopoulos	High redshift AGNs in the XXL survey

### Wednesday afternoon

		Excursion. The boat will leave at 13:30 sharp
--	--	---

# XXL CONSORTIUM MEETING

## 2-6 May 2011

### Thursday, May 5th morning - Chair: C. Lidman

9:00-9:20	M. Plionis	Cosmology from the XXL AGN clustering
9:20-9:40	J. Surdej	AGN Gravitational lensing in the XXL survey
9:40-10:30	J. Devriendt	Pros and Cons of the Various Numerical Methods Used to Model Gas, Galaxies and AGN in Clusters
<b>10:30-11:00</b>		<b>BREAK</b>
11:00-11:20	I. Valtchanov	Herschel follow-up of the XXL fields
11:20-11:40	C. Horellou	XXL cluster follow-up (Laboca - Lofar)
11:40-12:00	V. Smolcic	Radio follow-up survey of the XXL field(s)
12:00-12:20	A. Iovino	The VIPERS ESO Large Program

### Thursday afternoon - Chair: S. Maurogordato

14:30-14:50	C. Lidman	AAOmega and 2dF - A highly successful redshift machine
14:50-15:20	S. Murray	Using Chandra GTO Time and MMT Spectrometers for Follow-up Observations
15:20-15:50	C. Adami	Optical redshift follow up of the XXL survey: the XMM-LSS cluster pilot program
15:50-16:20		General discussion: requirements for photo-z
<b>16:20-16:50</b>		<b>BREAK</b>
<b>16:50-18:30</b>		<b>Parallel meetings</b>

- 1) Steering Committee
- 2) Cluster WG - key XXL topics:
  - Theory and simulations
  - Cluster catalogue and cosmology
  - Mass measurements (X, optical, lensing, SZ)
  - Groups at  $z \sim 0.5$
  - Distant clusters at  $z \gg 1$
  - Spectroscopic validation
- 3) AGN WG - key XXL topics:
  - Theory and simulations
  - LSS
  - Distant - Exotic AGN
  - Lensed QSOs
  - Spectroscopic follow-up

### Thursday evening:

21:30	Concert (Corsican songs) Eglise Saint Dominique
-------	---

# XXL CONSORTIUM MEETING

## 2-6 May 2011

### Friday, May 6th morning - Chair: S. Murray

8:30-8:50	J.P. Le Fevre	The online XMM-LSS cluster DB
8:50-9:15	L. Chiappetti	The online XMM-LSS multi-I source catalogue
9:15-10:45		General discussions: Pierre + input from WG from Thursday 1) The legacy aspect of the project (catalogue work) 2) WG group membership and leads 3) Provisional list of papers
11:00		shuttle to the airport for the 12:20 flight