

# ARCHES SCIENTIFIC WORKSHOP

## X-ray surveys with advanced multi-wavelength cross-identification methods

University Paris-Diderot

Amphitheatre Turing, bâtiment Sophie Germain RDC - Aile droite,  
Place Aurélie Nemours, Paris, 13<sup>ème</sup> Arrondissement *location 7 on*

[http://www.univ-paris-diderot.fr/DocumentsFCK/implantations/File/Plan\\_implantations\\_Diderot\\_Juillet2015.pdf](http://www.univ-paris-diderot.fr/DocumentsFCK/implantations/File/Plan_implantations_Diderot_Juillet2015.pdf)

**30 Nov-2nd December 2015**

### Monday 30 November

09:30 – 12:50

C. Motch                      Introduction & welcome                      10 min

#### Session 1: AGN

I Georgantopoulos      Obscured AGN in the Universe (invited)                      32 min + 3 min Q&A

M . Page                      AGN populations in X-ray surveys (invited)                      32 min + 3 min Q&A

Coffee break                      20 min

B. Mingo                      Radio-loud AGN through the eyes of 3XMM, WISE and FIRST/NVSS                      17 min + 3 min Q&A

S. Fotopoulou                      Cross correlations of the XXL-1000-AGN sample                      17 min + 3 min Q&A

F.J. Carrera                      Exploring the XMM-ATLAS survey with the ARCHES tools                      17 min + 3 min Q&A

T. T. Ananna                      X-ray-selected AGN sources from the Stripe 82X survey                      17 min + 3 min Q&A

A. Ruiz                      [OIII]5007A emitting galaxies in the SDSS-dr10/3XMMe/WISE cross-correlation                      17 min + 3 min Q&A

14:30 – 17:35

#### Session 2: Clusters

T. Reiprich                      Galaxy cluster surveys (invited)                      32 min + 3 min Q&A

M. Pierre                      The XXL XMM survey: an overview                      25 min + 3 min Q&A

Coffee break                      20 min

A. Mints                      The Integrated Cluster Finder                      17 min + 3 min Q&A

M. Douspis                      The SZ Meta-Catalogue                      17 min + 3 min Q&A

T. Sadibekova	Case-study correlation between the RedMapper (SDSS) and XCLASS (XMM) cluster catalogues.	17 min + 3 min Q&A
J. Ridl	The XMM Cluster Archive Super Survey	17 min + 3 min Q&A
E. Koulouridis	Finding rare AGN in the XXL survey	17 min + 3 min Q&A

## Tuesday 1 December

9:30 – 12:35

### Session 3: Cross-correlation techniques, SEDs and general surveys

M. Salvato	Multiwavelength cross-correlation methods (invited)	32 min + 3 min Q&A
F.X. Pineau	The ARCHES cross-correlation tool (invited)	32 min + 3 min Q&A
Coffee break		20 min
M. Lopez del Fresno	The ARCHES Spectral Energy Distribution archive of 3XMM sources ( <i>tbc</i> )	17 min + 3 min Q&A
A. De Luca	The EXTraS project: Exploring the X-ray Transient and variable Sky.	17 min + 3 min Q&A
R.P. Mignani	Identification of Fermi-LAT gamma-ray sources	17 min + 3 min Q&A
J.J. Rodes	Optical/infrared counterparts to X-ray binary sources	17 min + 3 min Q&A

14:00 – 17: 20 (Salle Mondrian)

### Session 4: Hands-on session

F.X. Pineau	Cross-correlation tool	1h
L. Michel	ARCHES XCAT-DB cross-identifications database	1h
Coffee break		
E. Solano	Virtual Observatory science based on the ARCHES SED archive ( <i>tbc</i> )	1h
A. Mints	Cluster finder	1h

## Wednesday 2 December

9:30 – 12:05

### Session 5: Galactic Surveys

R. Warwick	Galactic X-Ray Surveys And Galactic X-Ray Source Populations (invited)	32 min + 3 min Q&A
Coffee break		20 min

K. Morihana	Near-Infrared Follow-up Study of the Faint Sources constituting the Galactic Ridge X-ray Emission	17 min + 3 min Q&A
F. Jiménez-Esteban	Debris discs in young late type stars ( <i>tbc</i> )	17 min + 3 min Q&A
E. Sanchez Ayaso	A multi-wavelength view of the X-ray stellar content of the Galaxy.	17 min + 3 min Q&A
A. Nebot	A catalog of X-ray emitting WR stars	17 min + 3 min Q&A
C. Motch	Workshop summary & plans for data & s/w release	17 min + 3 min Q&A