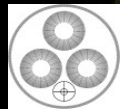




Treasures Hidden in High Energy Catalogues

IRAP, Toulouse, France

22nd - 24th May 2018



Natalie Webb
Treasures hidden in high energy catalogues

Welcome to Toulouse



XMM-Newton



XMM-Newton Survey Science Centre (SSC)

The XMM-Newton Survey Science Centre was selected by ESA to ensure that the scientific community can exploit XMM-Newton data



Responsibilities :

Development of science analysis software (SAS)

Pipeline processing of all XMM-Newton observations.

Follow-up/identification of the XMM-Newton serendipitous sky - the XID Programme

Compilation of the Serendipitous Source Catalogue.



Scope of the workshop

Introduction to the XMM-Newton catalogues :

- The EPIC source catalogue, 3XMM/4XMM
- The Optical Monitor catalogue (SUSS-3)
- The stacked catalogue
- The slew catalogue

Introduction to other high energy catalogues

Multi-wavelength catalogues

Machine learning techniques

Samples of objects in catalogues

Future high energy observatories



Aims of the workshop

Review a variety of catalogues

Learn about new catalogue analysis techniques

Find out about sample studies

Provide feedback on current catalogues

Discover future observatories



Practical information

Posters and coffee breaks in the Gervais de Lafond room

Lunch today provided (also in Gervais de Lafond)

Subsequent lunches at the canteen (500m away, ~13€, see map)

LOC members identified by red badge

SOC members identified by blue badge

Dinner tomorrow evening, Caves de la Maréchale (see map)



Sponsors :



Observatoire Astronomique de Strasbourg, France
Département d'Astrophysique, CEA/DRF/IRFU, Saclay, France
Leibniz-Institut für Astrophysics Potsdam (AIP), Germany
Max-Planck Institut für extraterrestrische Physik, Garching, Germany
University of Leicester, United Kingdom
Mullard Space Science Laboratory, University College London, UK
Instituto de Fisica de Cantabria, Santander, Spain



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Lunch at the canteen



Workshop dinner : Les Caves de la Maréchale



3 rue Jules Chalande, 20:00, Wednesday 23rd May

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