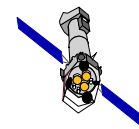


# Introduction

---

- **Two sessions, both split into two parts**
  - presentations (accessible by anybody)
  - hands on sessions (pre registration required)
- **Documentation in electronic and paper format available**
- **Room with the computers will be open during office hours throughout the Workshop until Thursday evening support from SOC staff will be available**
- **Data rights: for the purpose of the workshop some proprietary data are being made available; it is expected that the data will be used accordingly**



***XMM-Newton***

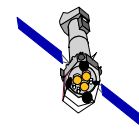
# SAS Data Analysis I

---

## Tuesday

Introduction and Organization	C Erd	14:15—14:25
Getting started with the SAS	G Vacanti	14:25—14:50
PPS Processing & Products	J Osborne	14:50—15:15
Reprocessing an observation with the SAS procs	G Vacanti	15:15—15:30
Reducing RGS Data for Point-like Sources	M Audard	15:30—15:50
Spectral analysis of point-like sources with EPIC	M Guainazzi	15:50—16:10
Event list manipulation and screening	M Guainazzi	16:10—16:25
Hands on Sessions		16:30—18:30

---



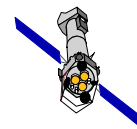
**XMM-Newton**

# SAS Data Analysis II

---

## Thursday

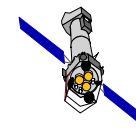
Release Strategy of CCF's	C Erd	14:30—14:40
The XMM SAS source detection tasks	G Lamer	14:40—14:55
EPIC analysis of extended sources EPIC	S Molendi	14:55—15:15
Using the OM Imaging SAS pipeline	S Rosen	15:15—15:35
Using the OM Fast mode SAS pipeline	S Rosen	15:35—15:50
Hands on Sessions		15:50—18:30



**XMM-Newton**

# Available Data

Source	Intended use
Procyon	RGS cool corona
Capella	RGS corona
3 C273	EPIC bright point-like; OM: background features, all filters
NGC 2516	EPIC weak field
G21.5	EPIC extended source (5 arcmin)
Abell 1795	EPIC cluster
M87	EPIC various
Mkn 421	EPIC heavily piled up
BPM16274	OM science validation image
UZ For	OM Fast Mode (UVW1)
MS1229	EPIC hard non-piled up source
MS0737	EPIC hard non-piled up source

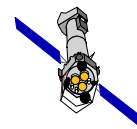


**XMM-Newton**

# Local Setup

---

- **Versions of the SAS**
    - SAS 5.2.0: latest public SAS (SOLARIS & Linux)
    - SAS 5.2.1: currently used by the PPS (SOLARIS)
    - Development: current development
  - **Select version of the SAS by**  
`setsas public | pps | develop`
  - **Calibration files (SAS\_CCFPATH)**
    - `/data/ccf/public`
    - `/data/ccf/devel`
    - `/data/ccf/releasetrack`
  - **SAS summary files (SAS\_ODF):** `/data/summ/`
  - **Pipeline products:** `/data/pps/`
  - **Intermediate files from re-processing:** `/data/intermed/`
- 



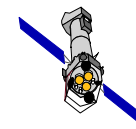
**XMM-Newton**

# SOC Support

---

Giuseppe	Tuesday	9:00	—	11:00
Matteo	Tuesday	11:00	—	12:30
			—	
Norbert	Wednesday	8:30	—	10:00
Antonio	Wednesday	10:00	—	12:30
Uwe	Wednesday	14:00	—	16:30
Matthias	Wednesday	16:30	—	18:30
			—	
Carlos	Thursday	9:00	—	10:30
Richard	Thursday	10:30	—	12:30

For the key to Copernicus call x53033



**XMM-Newton**