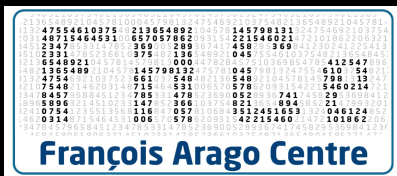
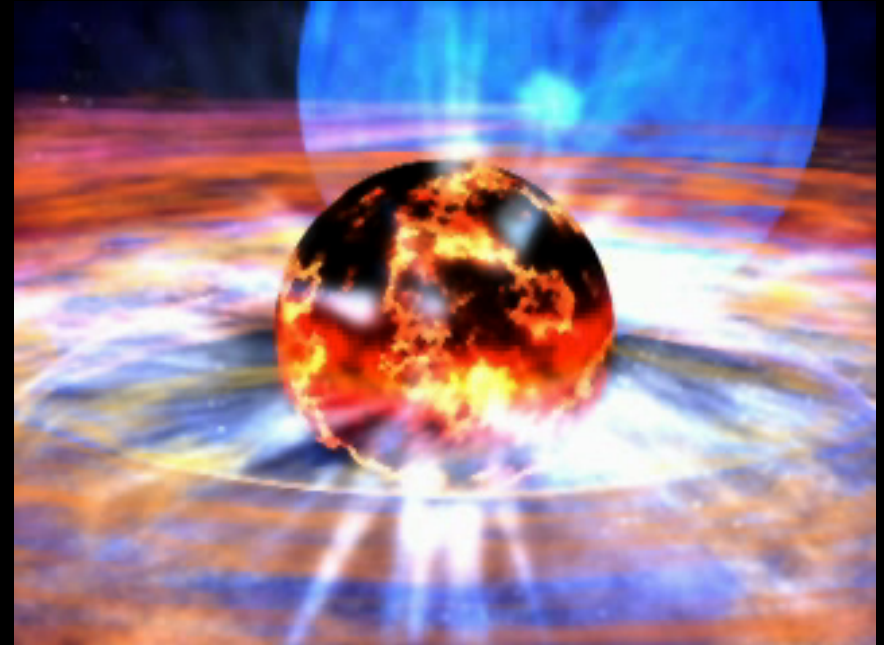
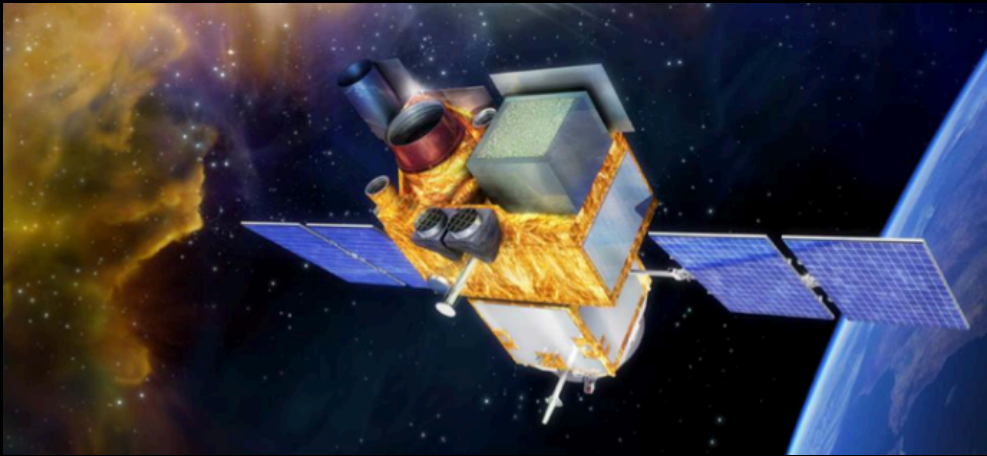


Second Workshop on SVOM non-GRB science



Volker Beckmann
François Arago Centre, APC
Université Paris Diderot





- First workshop: what science to do with SVOM?
- Mission Requirements Review (MRR)
- Important input and recommendations from our discussions
- SVOM System Requirements Review (SRR) in July

Next step:

- What do we need from SVOM to do the science we have in mind?
- What data products (images, spectra, lightcurves, binning, ...) ?
- Data at what level?
- What tools?



Agenda



- 10:30 - 10:50 **Review of MSR for OS as presented to the SVOM SRR 20'**
Speaker: Dr. Andrea Goldwurm (CEA/IRFU/SAP-Saclay & APC-Paris)
- 10:50 - 11:10 **First studies of Req. on repointing during earth occultation periods + discussion 20'**
Speaker: Dr. Bertrand Cordier (DAPNIA/Service d'astrophysique)
- 11:10 - 11:45 **Discussion: MSR 35'**
- 11:45 - 12:00 **General Structure of the SVOM Science Ground Segment (SGS) 15'**
Speaker: Dr. Arnaud Claret (CEA)
- 12:00 - 12:20 **Requirements for the Observation Support 20'**
Speaker: Dr. Andrea Goldwurm (CEA/IRFU/SAP-Saclay & APC-Paris)
- 12:20 - 13:00 **Discussion on Observation Support 40'**
- 13:00 - 14:15 **Lunch**
- 14:15 - 15:45 **Quick-look analysis**
- 14:15 **Introduction: Lessons learnt from the INTEGRAL/ISDC quick-look analysis 20'**
Speaker: Dr. Volker Beckmann (APC, Univ. Paris 7)
Material: [Slides](#)
- 14:35 **Discussion: Requirements on Data Products/Outcomes for the Science/Technical Quick Look 1h10'**



Agenda



16:00 - 18:00

Standard data products

16:00 **Introduction: Lessons learnt from INTEGRAL (OSA) Data Products 20'**

Speaker: Dr. Jerome Rodriguez (CEA/Saclay)

16:20 **Lessons from XMM-Newton 20'**

Speakers: Dr. Natalie Webb (IRAP), Dr. Christian Motch (Observatoire Strasbourg)

16:40 **VT instrument and data 20'**

Speaker: Dr. Yuleil Qiu (National Astronomical Observatories, Chinese Academy of Sciences)

17:00 **Discussion: Requirements on Data Products from the Standard Analysis 1h0'**

Friday, 2 October 2015

09:30 - 10:45

Continuation of the Data Products discussion

10:45 - 11:00

Coffee break

11:00 - 12:45

Analysis Tools

11:00 **HERA: An example of providing on-line tools and data to the user 20'**

Speaker: Dr. Volodymyr Savchenko (APC)

11:20 **Requirements on Tools for the Standard Analysis DP 20'**

Speaker: Dr. Rene Goosmann (Observatoire Strasbourg)

11:40 **Discussion 1h5'**

12:45 - 14:00

Lunch



Agenda



12:45 - 14:00

Lunch

14:00 - 15:30

High-level Processing

Convener: Dr. Fabien Grise (Observatoire de Strasbourg)

14:00 **Intro: Requirements on High Level processings 15'**

Speaker: Dr. Fabien Grise (Observatoire de Strasbourg)

14:15 **Source identifications & Correlation with catalogues 15'**

Speaker: Dr. Christian Motch (Observatoire Strasbourg)

14:30 **Optimisation of Multiwavelength approach 15'**

Speaker: Dr. Mickael Coriat (IRAP)

14:45 **Timing analysis 15'**

Speaker: Dr. Christian Gouiffes (CEA / Saclay)

15:00 **Analysis of diffuse emission 15'**

Speaker: Dr. Laurent Bouchet (IRAP, Toulouse)

15:15 **Virtual Observatory 15'**

15:30 - 15:40

Coffee break

15:40 - 16:30

Final discussion & meeting wrap-up 50'



Goals



- Data products we expect from quick-look and standard analysis
- What products provided to SVOM consortium
- What tools to be developed?
- Software distribution?

