

**CAS-ESA collaboration  
workshop on EP-FXT 2018**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome and Introduction

*Friday, 23 November 2018 09:00 (20 minutes)*

**Presenter:** Prof. GANG CHEN, Gang (高能所)

**Session Classification:** Session 1: Welcome and status updates, chaired by FangJun Lu.

Contribution ID: 1

Type: **not specified**

## Status of Einstein Probe mission

*Friday, 23 November 2018 09:20 (20 minutes)*

**Presenter:** Prof. WEIMIN, Yuan

**Session Classification:** Session 1: Welcome and status updates, chaired by FangJun Lu.

Contribution ID: 3

Type: **not specified**

## Status of FXT and PDR results

*Friday, 23 November 2018 09:40 (40 minutes)*

**Presenter:** Prof. YONG, Chen

**Session Classification:** Session 1: Welcome and status updates, chaired by FangJun Lu.

Contribution ID: 4

Type: **not specified**

## **Work to be carried out under ESA contracts for Einstein Probe FXT**

*Friday, 23 November 2018 10:50 (30 minutes)*

**Presenter:** Prof. SANTOVINCENZO, Andrea

**Session Classification:** Session 2: Overview of ESA contribution to EP/FXT, chaired by FangJun Lu.

Contribution ID: 5

Type: **not specified**

## **Hardware and documentation to be delivered to CAS/IHEP**

*Friday, 23 November 2018 11:20 (30 minutes)*

**Presenter:** Prof. SANTOVINCENZO, Andrea

**Session Classification:** Session 2: Overview of ESA contribution to EP/FXT, chaired by FangJun Lu.

Contribution ID: 6

Type: **not specified**

## EP satellite design & AIT concern

*Friday, 23 November 2018 13:30 (50 minutes)*

**Presenter:** Prof. CAI, Zhiming

**Session Classification:** Session 3: Satellite platform related issues, chaired by Andrea Santovincenzo.

Contribution ID: 7

Type: **not specified**

## **Models and expected thermal and mechanical testing**

*Friday, 23 November 2018 14:20 (50 minutes)*

**Presenter:** Dr KEEREMAN, Arnoud

**Session Classification:** Session 3: Satellite platform related issues, chaired by Andrea Santovincenzo.



Contribution ID: 8

Type: **not specified**

## **X-ray testing**

*Friday, 23 November 2018 15:30 (40 minutes)*

**Presenter:** Prof. BURWITZ, Vadim

**Session Classification:** Session 4: Testing & calibration, chaired by Andrea Santovincenzo.

Contribution ID: 9

Type: **not specified**

## **X-ray testing and calibration in IHEP**

*Friday, 23 November 2018 16:10 (40 minutes)*

**Presenter:** Dr WANG, Yusa

**Session Classification:** Session 4: Testing & calibration, chaired by Andrea Santovincenzo.

Contribution ID: **10**

Type: **not specified**

## Overall schedule and definition of delivery dates

*Friday, 23 November 2018 16:50 (1 hour)*

**Presenter:** Prof. SANTOVINCENZO, Andrea

**Session Classification:** Session 4: Testing & calibration, chaired by Andrea Santovincenzo.

Contribution ID: **11**

Type: **not specified**

## **AIV/AIT performed for eROSITA Mirror for reference**

*Saturday, 24 November 2018 09:00 (50 minutes)*

**Presenter:** Prof. FRIEDRICH, Peter

**Session Classification:** Session 5: eROSITA, chaired by Weimin Yuan.

Contribution ID: 12

Type: **not specified**

## **Cleanliness and transportation approach of eROSITA Mirror for reference**

*Saturday, 24 November 2018 09:50 (50 minutes)*

**Presenter:** Prof. BURWITZ, Vadim

**Session Classification:** Session 5: eROSITA, chaired by Weimin Yuan.

Contribution ID: 13

Type: **not specified**

## **SC mounting and alignment approach of eROSITA for reference**

*Saturday, 24 November 2018 11:00 (50 minutes)*

**Presenter:** Prof. FRIEDRICH, Peter

**Session Classification:** Session 5: eROSITA, chaired by Weimin Yuan.

Contribution ID: 14

Type: **not specified**

## **EP satellite Mechanical design and Mechanical environments of FXT**

*Saturday, 24 November 2018 13:30 (40 minutes)*

**Presenter:** Prof. GUO, Tong

**Session Classification:** Session 6: Satellite environments of FXT, chaired by Peter Friedrich.

Contribution ID: 15

Type: **not specified**

## **EP satellite thermal environment and implementation of FXT thermal subsystem**

*Saturday, 24 November 2018 14:10 (40 minutes)*

**Presenter:** Ms SHI, Rongrong

**Session Classification:** Session 6: Satellite environments of FXT, chaired by Peter Friedrich.



Contribution ID: **16**

Type: **not specified**

## **Mirror Assembly and Electron Diverter interfaces status**

*Saturday, 24 November 2018 15:10 (40 minutes)*

**Presenter:** Ms WANG, Juan

**Session Classification:** Session 7 Structural & thermal design approach, chaired by Vadim Burwitz.

Contribution ID: 17

Type: **not specified**

## Structural design approach

*Saturday, 24 November 2018 15:50 (40 minutes)*

**Presenter:** Dr KEEREMAN, Arnoud

**Session Classification:** Session 7 Structural & thermal design approach, chaired by Vadim Burwitz.

Contribution ID: **18**

Type: **not specified**

## Thermal design approach

*Saturday, 24 November 2018 16:30 (30 minutes)*

**Presenter:** Prof. SANTOVINCENZO, Andrea

**Session Classification:** Session 7 Structural & thermal design approach, chaired by Vadim Burwitz.

Contribution ID: **19**

Type: **not specified**

## **Heaters and thermistors procurement**

*Saturday, 24 November 2018 17:00 (30 minutes)*

**Presenter:** Prof. SANTOVINCENZO, Andrea

**Session Classification:** Session 7 Structural & thermal design approach, chaired by Vadim Burwitz.

Contribution ID: 20

Type: **not specified**

## **Review of Mirror Assembly and Electron Diverter requirements**

*Sunday, 25 November 2018 09:00 (50 minutes)*

**Presenter:** Ms WANG, Juan

**Session Classification:** Session 8: Mirror assembly, summary, chaired by Andrea Santovincenzo.

Contribution ID: **21**

Type: **not specified**

## Summary of FXT contributions meeting

*Sunday, 25 November 2018 10:10 (50 minutes)*

**Session Classification:** Session 8: Mirror assembly, summary, chaired by Andrea Santovincenzo.

Contribution ID: 22

Type: **not specified**

## **Laboratory visiting(calibration facility; optical blocking filter laboratory etc.)**

*Sunday, 25 November 2018 11:00 (50 minutes)*

**Session Classification:** Session 8: Mirror assembly, summary, chaired by Andrea Santovincenzo.

Contribution ID: 23

Type: **not specified**

## WXT contribution - test matrix and overall activity

*Sunday, 25 November 2018 13:30 (1 hour)*

**Presenter:** Prof. SANTOVINCENZO, Andrea

**Session Classification:** Session 9: WXT and ground station contribution, chaired by Yonghe Zhang.



Contribution ID: 24

Type: **not specified**

## Ground Station contribution

*Sunday, 25 November 2018 14:30 (1 hour)*

**Presenter:** Prof. SANTOVINCENZO, Andrea

**Session Classification:** Session 9: WXT and ground station contribution, chaired by Yonghe Zhang.