

Report on gender/age balance in XMM-Newton proposals

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11/05/2023

Some Background:

- ❑ AO1 (1999) Classical set-up:
 - ❑ One panel per scientific category (7 scientific categories)
 - ❑ Between 5 and 9 panel members
 - ❑ All conflicts in the panel (“solved” by conflicted panel member leaves the room)
 - ❑ Special: Panel meetings on different dates (due to manpower constraints)
 - ❑ Special: Panel members from almost all member states of ESA (← D/SCI)
 - Review experience: **brightest light and darkest shadows** → change of set-up
 - ❑ AO2 15 panels most with 3 panel members only → change of current set-up
 - ❑ Later input from personal experiences
 - ❑ Chandra & NuSTAR
 - ❑ Chairpersons meeting (large program discussion)
 - ❑ ESO from comments
- Adjustments of set-up

- ❑ Lessons from AO1/AO2:
 - ❑ A panel should not evaluate proposals of members of the panel (most important of PI, CoI)
 - ❑ Panel members may be biased by the fact that a PI or CoI of the proposals is a member of any other panel
 - ❑ To ensure that a discussion focus on the science it is important that the panel members come from different communities and networks
 - ❑ Any ratings and decisions of a panel should not impact the evaluation of proposals submitted by panel members
- ❑ Set-up:
 - ❑ 2 or more panels per scientific category
 - ❑ Each panel consists of 5 panel members from different countries of home institutes
 - ❑ Each panel meets on different dates & places
 - ❑ The Panel members do not know the members of the other panels
 - ❑ Each panel has a defined and fixed budget of observing time which it allocates

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the date of receipt and acceptance should be inserted later

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XMM-Newton Observing Time Proposals

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Introduction

XMM-Newton was launched on 10 December 1999 into a 48-hour highly elliptical orbit. The mission provides sensitive X-ray imaging and spectroscopic observations of a wide variety of cosmic sources from nearby

Publication in preparation
It will be open access

As the book is not published yet, the following graphs and tables can not be shown publicly.

For the full talk, please, contact the XMM-Newton Project Scientist, Norbert ScharTEL .

- Possible Explanation:
- The OTAC as set up for the XMM-Newton reviews, show a high social competence and sensitive
- OTAC members work hard to make fairest decisions
- OTAC members are taking unconscious biases and secondary, gender and age dependent, effects (language, presentation style, overstating ...) into account and “compensated” for them within the judgement fertilized by the openness of the process and discussion