

- In abstract "its satellite detector TAO." -> "its satellite detector called TAO."

Done.

- In fig1. Please combine all captions in one "left" or "a" etc

All captions are now combined and the individual plots are addressed by "left" and "right" plot in the caption as well as in the text.

- In 2 "water-Cherenkov" -> "water Cherenkov"

Done

- In 3 please explain "IBD "

Added an explanation how the IBD works at the end of section 2 as it thematically fits there, so it is known when mentioned in section 3.

- Some abbreviation introduced twice.

Fixed, that it only appears once.

- Fig. 2 the same. Combine captions. Add dots at the end of captions for figures.

Changed as above.

- The title page is not included into the page limit. Hope it helps.

Thanks.