

EAST

Fluorescence detector Array of Single-pixel Telescopes



FZU

Institute of Physics
of the Czech
Academy of Sciences



Faculty
of Science

Palacký University
Olomouc

Prototype production status

Vlastimil Jilek

Astro porada, 22. 1. 2025

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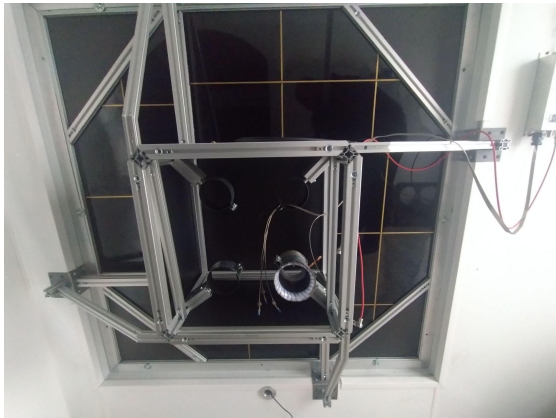


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FAST 3 a 4 (Ondřejov/Olomouc)

- Mechanics for mirrors - completed
- Camera - completed
- Filter - FAST 3 -> redesign the aperture mounting
 - FAST 4 -> completed



FAST 3 a 4 (Ondřejov/Olomouc)

- Solar panels - FAST 3 -> convert to attachment to the side of the hut
- FAST 4 -> completed *
- Sensors - FAST 3 -> make door sensors
- FAST 4 -> make door sensors, attaching the sensors to the mast
- Wifi - construct and manufacture the mounting for the antenna



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FAST 5 a 6

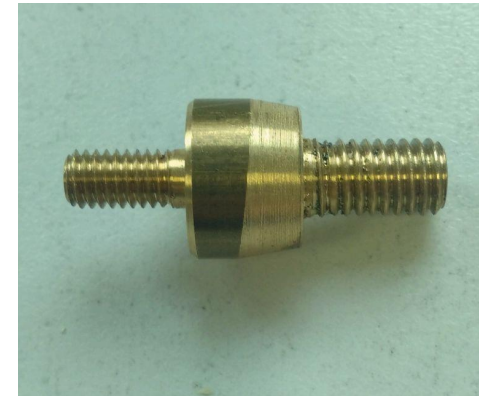
- Mechanics for mirrors - structure completed
- mounting for mirrors -> need to assemble
 - > need to make 12 brass screws for fixing mirrors



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FAST 5 a 6

- Camera -> need to make L parts for attachment to the aperture
-> need to make 4 handles for PMTs
-> need to make plastic parts (2 back parts, 1 front part a side parts)



FAST 5 a 6

- Filter -> can start production
- Aperture -> sensor housings finished
-> filter frame according to the dimensions of the hut
- Can start production of mirrors



Remaining tasks



- To make -> 4 crates for mirrors
 - > handles for filter
 - > documentation for telescopes

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Thank you for your attention

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