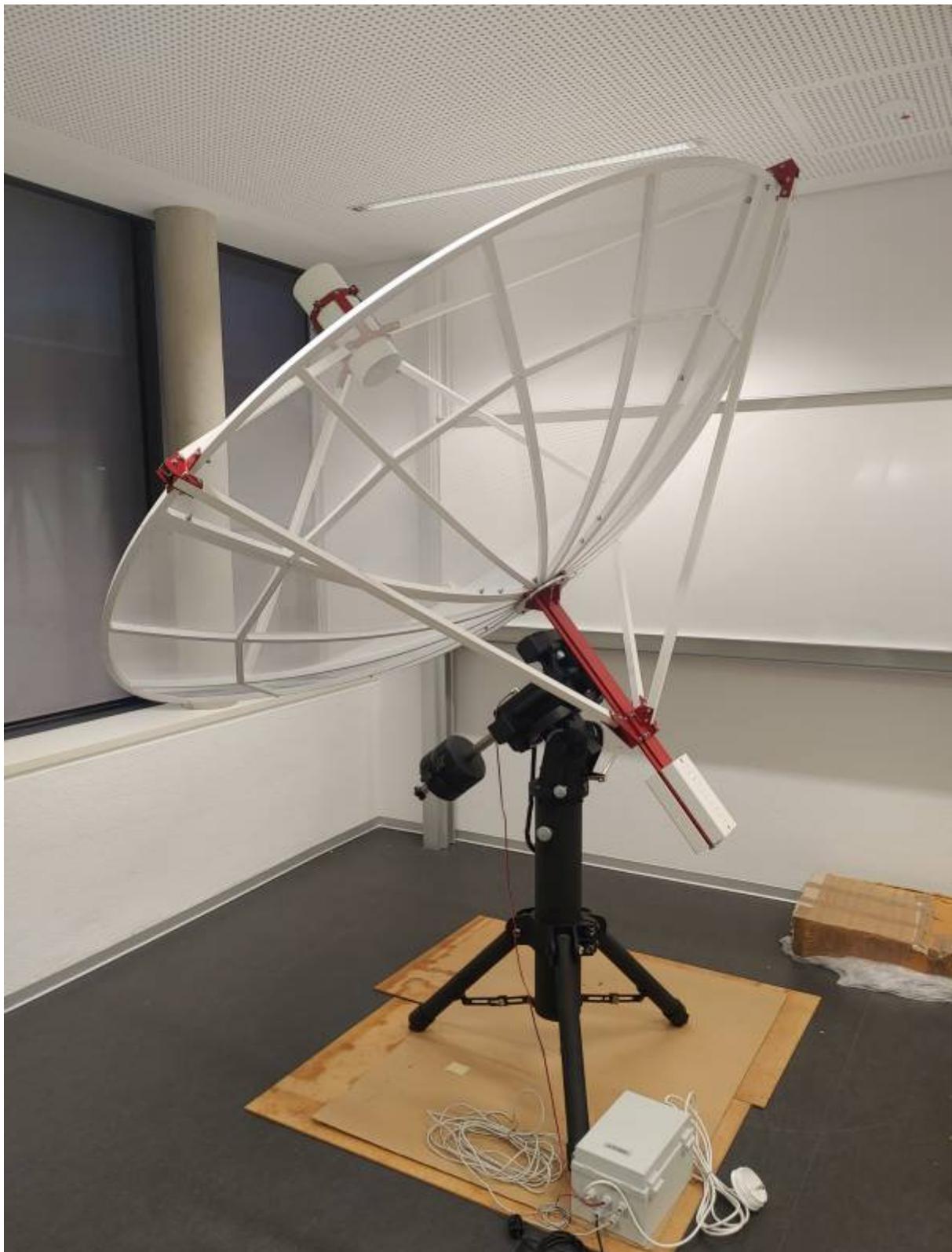


Radiotelescope

PrimaLuce Spider 230C

Project Leader: Frank Zimmer

Coordinator: Sarah Rostalski



Specifications of the Spider 230C Radiotelescope according to [Prima Luce](#)

- Antenna diameter (m): 2.3
- Antenna type: Prime focus
- Working frequency: 1420 MHz
- Bandwidth: 50 MHz
- Feed: H-FEED, optimized for 1420 MHz
- LNA: 2 high gain and stability 1420 MHz LNA units
- Polarization: circular, left and right hand
- Receiver: H142-One for 1420 MHz radio astronomy
- Spectrometer: 1024 channels
- Radiometer: 50 MHz instantaneous bandwidth
- A/D converter: 14 bits
- Control software: RadioUniversePRO
- Weatherproof: No

Building Action

“Roll-Off Observatory”

From:
<https://wiki.eolab.de/> - **HSRW EOLab Wiki**

Permanent link:
<https://wiki.eolab.de/doku.php?id=projects:radiotelescope:start&rev=1641557396>

Last update: **2022/01/07 13:09**

