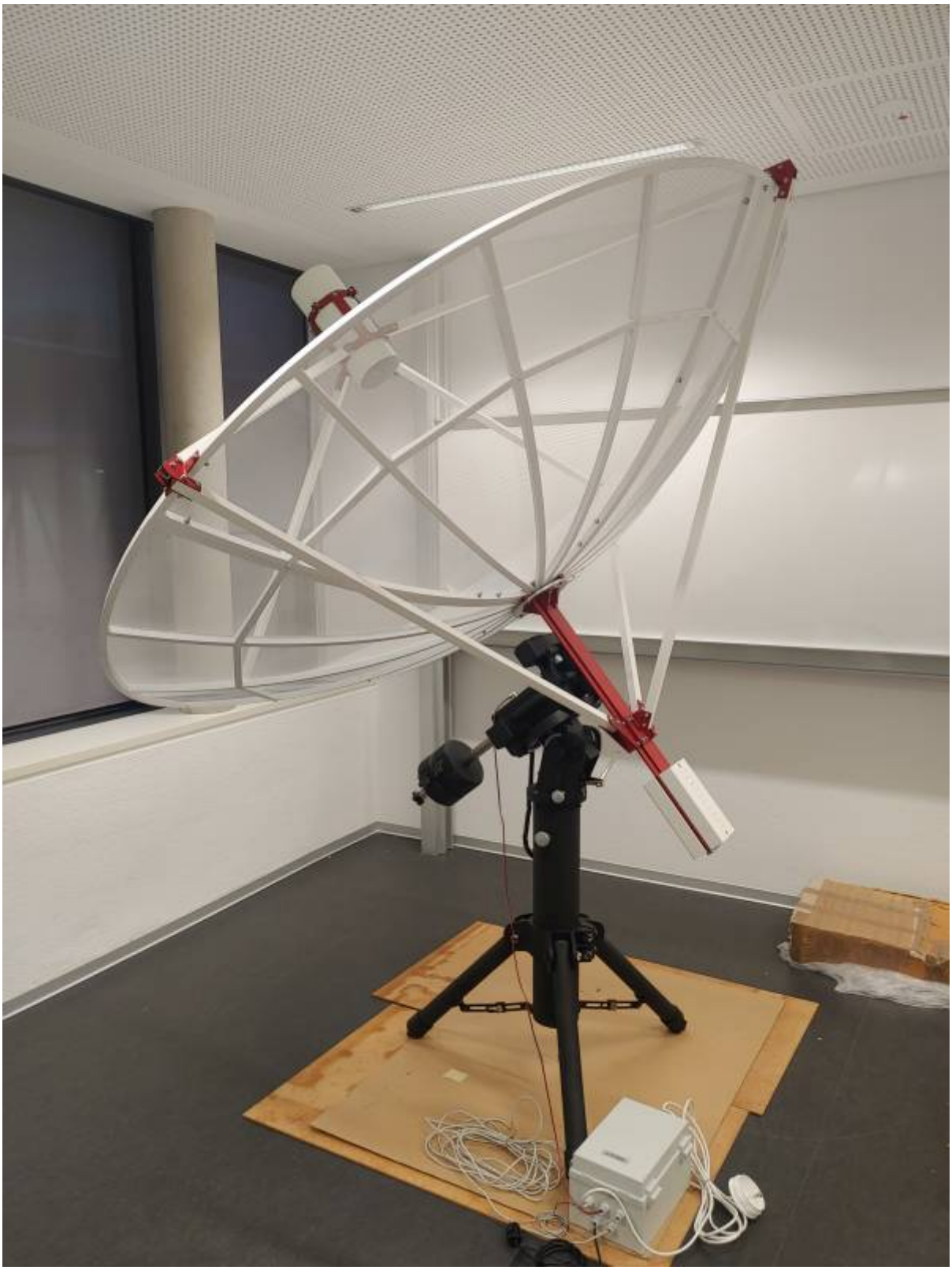
Radiotelescope

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

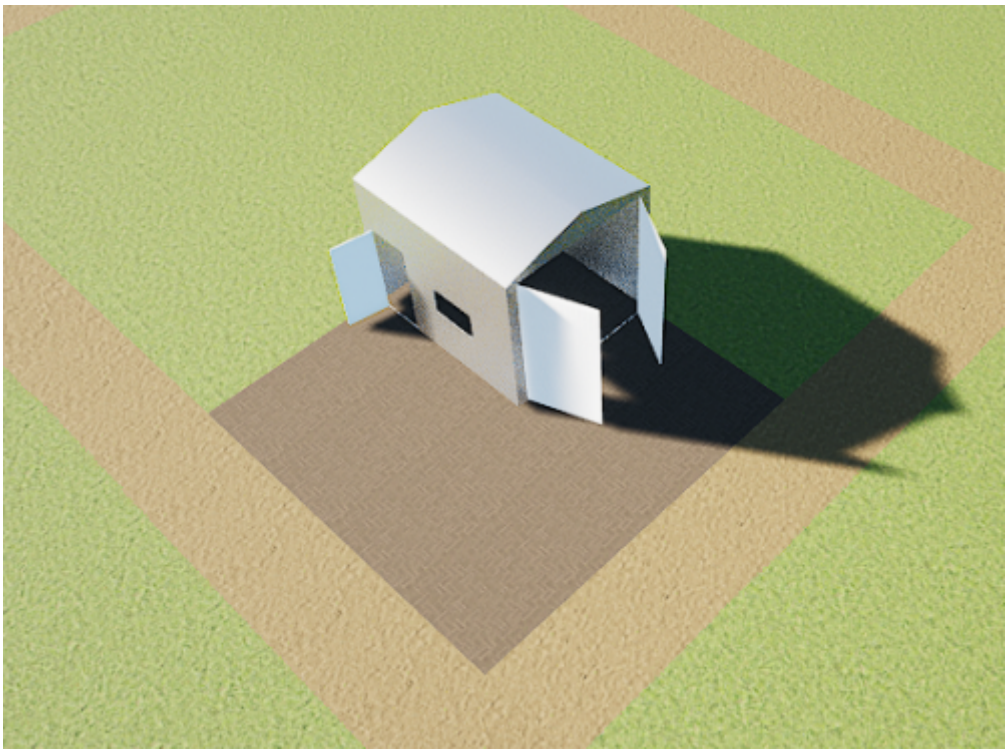
“Roll-Off Observatory” or “Wooden Shelter” or “GFK Radom”

Possible location in Kamp-Lintfort (size ca. 7,5m x 7,6m)





Digital model of a wooden shelter by Nicolas Fischöder



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