

Version: 1  
Date: 7. Mai. 2024

# Beobachtungsplan A / Observing Schedule A

## Effelsberg 100-m Radio Telescope

### 7. Mai. 2024 - 20. Mai. 2024



| Date: |       | --- CEST / MESZ --- |        |        |                      |   |       |        |        |                     |     |      |                               |    |    |    |    |       |             |       |        |       |    |    |    | Frontends    | MJD   |    |
|-------|-------|---------------------|--------|--------|----------------------|---|-------|--------|--------|---------------------|-----|------|-------------------------------|----|----|----|----|-------|-------------|-------|--------|-------|----|----|----|--------------|-------|----|
|       |       | 0                   | 1      | 2      | 3                    | 4 | 5     | 6      | 7      | 8                   | 9   | 10   | 11                            | 12 | 13 | 14 | 15 | 16    | 17          | 18    | 19     | 20    | 21 | 22 | 23 |              |       | 24 |
| DI    | 7.5.  | 52-22               |        | 101-23 |                      |   |       |        |        | Moon-Bounce (06-24) | W   | P170 |                               |    |    |    |    |       | Kalibration |       | 108-23 |       |    |    |    | P210-7, P170 | 60437 |    |
| MI    | 8.5.  |                     | 108-23 |        |                      |   |       | 58-23  |        | W                   | SFK |      |                               |    |    |    |    |       |             |       |        |       |    |    |    | P170, SFK    | 60438 |    |
| DO    | 9.5.  | Kalibration, Backup | P170   |        | 34-24                |   |       |        |        | 07-24               |     |      | SFK                           |    |    |    |    | 51-23 |             | 98-23 |        | 62-23 |    |    |    | SFK, P170    | 60439 |    |
| FR    | 10.5. |                     | 62-23  |        |                      |   | W     | P210-7 |        |                     |     |      |                               |    |    |    |    |       |             |       |        |       |    |    |    | SFK, P210-7  | 60440 |    |
| SA    | 11.5. |                     |        |        | 55-23 (Timing, 21cm) |   |       |        |        |                     |     | SFK  |                               |    |    |    |    |       |             |       |        |       |    |    |    | P210-7, SFK  | 60441 |    |
| SO    | 12.5. |                     |        |        | 55-23 (Timing, SFK)  |   |       |        |        |                     |     |      |                               |    |    |    |    |       |             |       |        |       |    |    |    | SFK          | 60442 |    |
| MO    | 13.5. |                     |        |        |                      |   | W     | P210-7 |        |                     |     |      | Test EDD-VLBI (ohne Teleskop) |    |    |    |    |       |             |       |        |       |    |    |    | P210-7       | 60443 |    |
| DI    | 14.5. | 16-23               |        |        |                      |   |       |        |        |                     |     |      |                               |    |    |    |    |       |             |       |        |       |    |    |    | P210-7, SFK  | 60444 |    |
| MI    | 15.5. |                     |        |        |                      |   |       |        |        |                     |     |      |                               |    |    |    |    |       |             |       |        |       |    |    |    | SFK          | 60445 |    |
| DO    | 16.5. |                     |        |        |                      |   |       |        |        |                     |     |      |                               |    |    |    |    |       |             |       |        |       |    |    |    | SFK?, PM1    | 60446 |    |
| FR    | 17.5. |                     |        |        |                      |   | W     | P210-7 |        |                     |     |      |                               |    |    |    |    |       |             |       |        |       |    |    |    | P210-7       | 60447 |    |
| SA    | 18.5. |                     |        |        | 55-23 (LEAP)         |   |       |        |        |                     |     | SFK  |                               |    |    |    |    |       |             |       |        |       |    |    |    | P210-7, SFK  | 60448 |    |
| SO    | 19.5. |                     | 62-23  |        |                      |   | 98-23 | 37-24  | P210-7 | 110-22              |     |      |                               |    |    |    |    |       |             |       |        |       |    |    |    | SFK, P210-7  | 60449 |    |
| MO    | 20.5. | 16-23               |        |        |                      |   |       |        |        |                     |     |      |                               |    |    |    |    |       |             |       |        |       |    |    |    | P210-7       | 60450 |    |
| UT    |       | 22                  | 23     | 0      | 1                    | 2 | 3     | 4      | 5      | 6                   | 7   | 8    | 9                             | 10 | 11 | 12 | 13 | 14    | 15          | 16    | 17     | 18    | 19 | 20 | 21 | 22           |       |    |
| LST   |       | 14:20               |        |        |                      |   |       |        | 21:21  |                     |     |      |                               |    |    |    |    |       | 07:23       |       |        |       |    |    |    | 13:24        |       |    |

© on 13. Mai 0321+18

#### Projects/Observers/Receivers:

- 52-22: Kramer, Karuppusamy, Freire (P210-7)
- 101-23: Burgay, Karuppusamy, Kramer et al. (P210-7)
- 108-23: Sprenger, Main, Wucknitz (P170)
- 58-23: Eppel, Kadler, Bahic et al. (P210-7, P170)
- 34-24: Spitler, Bethapudi, Thulicheri (P170)
- 07-24: Limaye et al. (P170)
- 51-23: Komossa, Kraus, Grupe et al. (SFK)
- 98-23: von Fellenberg, Ripperda, Philippov, et al. (SFK)
- 62-23: Myserlis, Angelakis, Kraus et al. (SFK)
  
- 37-24: Hernandez-Garcia, Bruni, Panessa (S14)
- 110-22: Nimmo, Hessels, Kirsten et al. (P210-7)

Observing Modes: Continuum Pulsar W = Maintenance / Wartung  
Spektroskopy VLBI

#### VLBI-Projects:

- BD266 = 73-23: Das et al.
- 16-23: Hessels et al.
- VLBI-Test = 04-24: Bach et al.

Phone Controlroom / Telefon Steuerraum: 02257 301 155

- = latest time for the „weather decision“ (if not given: 30 mins before start)
- \* = project whose observer is responsible for the „weather decision“

For any publications based on observations with the Effelsberg 100-m telescope please use the following acknowledgement:  
*Based on observations with the 100-m telescope of the MPIfR (Max-Planck-Institut für Radioastronomie) at Effelsberg.*