

Version: 2  
Date: 5. Feb. 2024

# Beobachtungsplan A / Observing Schedule A

## Effelsberg 100-m Radio Telescope

### 30. Jan. 2024 - 12. Feb. 2024



| Date: |       | --- CET / MEZ ---   |                   |   |   |   |                |                |        |   |   |               |                     |          |    |       |                     |                   |         |      |             |               |              |             |       | 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    | 30.1. | 17-23               | Kalibration, Test |   |   |   |                | W              | P210-7 |   |   |               |                     | 110-22   |    | 16-23 |                     |                   |         |      | SFK, P210-7 | 60339         |              |             |       |           |           |             |           |       |       |
| MI    | 31.1. | 16-23               |                   |   |   |   | Kalibration    | W              | SFK    |   |   |               |                     | Test S45 |    |       |                     |                   | 17-23 * |      |             |               |              | P210-7, SFK | 60340 |           |           |             |           |       |       |
| DO    | 1.2.  | 17-23               | 03-23             |   |   |   |                | W              |        |   |   |               |                     | 03-23    |    |       |                     |                   | 17-23 * |      |             |               |              | SFK         | 60341 |           |           |             |           |       |       |
| FR    | 2.2.  | 17-23               | Kalibration, Test |   |   |   |                | 103-23         |        |   |   |               | W                   | 79-23    |    |       |                     |                   | 98-23   | Kal. |             |               |              |             | 51-23 |           |           |             |           | SFK   | 60342 |
| SA    | 3.2.  | 51-23               |                   |   |   |   |                | BB456a = 76-23 |        |   |   |               |                     |          |    |       |                     | GD023d = 96-23    |         |      |             |               | SFK          | 60343       |       |           |           |             |           |       |       |
| SO    | 4.2.  | GD023d = 96-23      |                   |   |   |   | P170           |                |        |   |   | 101-23        |                     |          |    |       | SFK                 |                   |         |      |             | 82-22 *       |              |             |       |           | SFK, P170 | 60344       |           |       |       |
| MO    | 5.2.  | 82-22               |                   |   |   |   | W              | P210-7         |        |   |   |               | 110-22              |          |    |       |                     | 16-23             |         |      |             |               | SFK, P210-7  | 60345       |       |           |           |             |           |       |       |
| DI    | 6.2.  | 16-23               |                   |   |   |   | Kalibration    | SFK            |        |   |   |               | Setup = 04-24       |          |    |       |                     | 17-23 *           |         |      |             |               | P210-7, SFK  | 60346       |       |           |           |             |           |       |       |
| MI    | 7.2.  | EA071b = 43-24      |                   |   |   |   | EN011f = 44-24 |                |        |   |   | W             | P180                |          |    |       |                     | Kalibration, Test |         |      |             |               | SFK, PM1     | 60347       |       |           |           |             |           |       |       |
| DO    | 8.2.  | Kalibration, Test   |                   |   |   |   | Setup = 04-24  |                |        |   |   | RK002 = 45-24 |                     |          |    |       | P210-7              |                   |         |      |             | Kalibration   |              |             |       |           | 56-23     | PM1, P210-7 | 60348     |       |       |
| FR    | 9.2.  | 56-23               |                   |   |   |   | W              | P170           |        |   |   |               | 55-23 (Timing, UBB) |          |    |       |                     |                   |         |      |             |               | P210-7, P170 | 60349       |       |           |           |             |           |       |       |
| SA    | 10.2. | 55-23 (Timing, UBB) |                   |   |   |   |                |                |        |   |   | SFK           |                     |          |    |       | 55-23 (Timing, SFK) |                   |         |      |             |               |              |             |       |           | P170, SFK | 60350       |           |       |       |
| SO    | 11.2. | 55-23 (Timing, SFK) |                   |   |   |   |                |                |        |   |   | 79-23         |                     |          |    |       | 98-23               | P170              |         |      |             |               | Kalibration  |             |       |           |           | 56-23       | SFK, P170 | 60351 |       |
| MO    | 12.2. | 56-23               |                   |   |   |   | Kalibration    |                |        |   |   | 107-23        |                     |          |    |       | SFK                 |                   |         |      |             | 82-22 / 62-23 |              |             |       |           | P170, SFK | 60352       |           |       |       |
| UT    |       | 23                  | 0                 | 1 | 2 | 3 | 4              | 5              | 6      | 7 | 8 | 9             | 10                  | 11       | 12 | 13    | 14                  | 15                | 16      | 17   | 18          | 19            | 20           | 21          | 22    | 23        |           |             |           |       |       |
| LST   |       | 08:53               |                   |   |   |   | 15:55          |                |        |   |   | 01:56         |                     |          |    |       | 07:57               |                   |         |      |             |               |              |             |       |           |           |             |           |       |       |

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#### Projects/Observers/Receivers:

- 17-23: Karska, König, Colombo et al. (S14)
- 110-22: Nimmo, Hessels, Kirsten et al. (P210-7)
- 03-23: Kraus (SFK)
- 103-23: Sun et al. (Kraus, S45)
- 79-23: Hernandez-Garcia, Bruni, Panessa et al. (S14)
- 98-23: von Fellenberg, Ripperda, Philippov et al. (SFK)
- 51-23: Komossa, Kraus, Gomez et al. (SFK)
- 101-23: Burgay, Karuppusamy, Kramer et al. (P210-7)
- 82-22: Kadler, Benke, Eppel et al. (SFK)
- 56-23: Spitler, Cruces, Dhillon et al. (P210-7, P170)
- 55-23: Jawor, Champion, Hu et al. (P210-7, SFK)
- 107-23: Krishnan, Balakrishnan, Barr et al. (P170)

#### VLBI-Projects:

- 62-23: Myserlis, Angelakis, Kraus et al. (SFK)
- Kal., Test: Kraus
- Test S45: Karuppusamy et al.
- 16-23: Hessels et al.
- BB456 = 76-23: Bietenholz et al.
- GD023 = 96-23: Dirx et al.
- Setup eVLBI = 04-24: JIVE
- EA071 = 43-24: An
- EN011 = 44-24: Nanci
- RK002 = 45-24: Kirsten

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

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.*

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“