

Version: 1  
Date: 9. Jun. 2023

## Beobachtungsplan A / Observing Schedule A

**Effelsberg 100-m Radio Telescope**  
**13. Jun. 2023 - 26. Jun. 2023**



| 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    | 13.6. | 16-23                |        |   | EP125b = 48-23 |   |       |   |                  | W                   | S36            |    |    |    |    | N23X2 = 04-23 |    |    |       | CL23X2 = 04-23 |     |                      |       | EH042b = 40-23 |       | PM1, S36  | 60108       |             |             |       |
| MI    | 14.6. | EH042b = 40-23       |        |   |                |   |       |   |                  |                     | EL065c = 31-23 |    |    |    |    |               |    |    |       |                |     |                      |       |                |       |           |             | S36         | 60109       |       |
| DO    | 15.6. | EL065c = 31-23       |        |   |                |   |       |   | P210-7           | Moon-Bounce = 06-23 |                |    |    |    |    |               |    |    |       |                |     |                      |       |                |       |           | SFK, P210-7 | 60110       |             |       |
| FR    | 16.6. | 82-22                |        |   |                |   |       |   | P210-7           | Moon-Bounce = 06-23 |                |    |    |    |    |               |    |    |       |                |     | 73-22 (Timing, 21cm) |       |                |       |           | SFK, P210-7 | 60111       |             |       |
| SA    | 17.6. | 73-22 (Timing, 21cm) |        |   |                |   |       |   |                  |                     |                |    |    |    |    |               |    |    |       |                | SFK | 73-22 (Timing, SFK)  |       |                |       |           |             |             | P210-7, SFK | 60112 |
| SO    | 18.6. | 73-22 (Timing, SFK)  |        |   |                |   |       |   |                  |                     |                |    |    |    |    |               |    |    |       |                |     | P210-7               | 16-23 |                |       |           |             | 31-22 (B)   | SFK, P210-7 | 60113 |
| MO    | 19.6. | 31-22 (B)            | 100-22 |   |                |   | 32-22 |   | W                | Gerüstbau           |                |    |    |    |    |               |    |    |       |                |     |                      |       |                |       |           |             | P210-7, SFK | 60114       |       |
| DI    | 20.6. | 79-22                |        |   |                |   |       |   | W                | Gerüstbau           |                |    |    |    |    |               |    |    |       |                |     |                      |       |                |       |           |             | SFK         | 60115       |       |
| MI    | 21.6. | 79-22                |        |   |                |   |       |   | W                | Gerüstbau           |                |    |    |    |    |               |    |    |       |                |     |                      |       |                |       |           |             | SFK         | 60116       |       |
| DO    | 22.6. | 79-22                |        |   |                |   |       |   | W                | Gerüstbau           |                |    |    |    |    |               |    |    |       |                |     |                      |       |                |       |           |             | SFK         | 60117       |       |
| FR    | 23.6. | 79-22                |        |   |                |   |       |   | W                | P210-7              |                |    |    |    |    |               |    |    |       |                |     |                      |       |                |       |           | SFK, P210-7 | 60118       |             |       |
| SA    | 24.6. | 73-22 (LEAP)         |        |   |                |   |       |   |                  |                     |                |    |    |    |    |               |    |    |       |                |     |                      |       |                |       |           |             | P210-7, SFK | 60119       |       |
| SO    | 25.6. | 82-22 / 97-22        |        |   |                |   |       |   |                  |                     |                |    |    |    |    |               |    |    |       |                |     |                      |       |                |       |           |             | SFK, P210-7 | 60120       |       |
| MO    | 26.6. | SFK                  | 102-20 |   |                |   |       | W | Test Endschalter |                     |                |    |    |    |    |               |    |    |       |                |     |                      |       |                |       |           | SFK         | 60121       |             |       |
| 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   |       | 16:43                |        |   |                |   |       |   | 23:44            |                     |                |    |    |    |    |               |    |    | 09:45 |                |     |                      |       |                | 15:46 |           |             |             |             |       |

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**Projects/Observers/Receivers:**

- 82-22: Kadler, Benke, Eppel et al. (SFK)
- 73-22: Jang, Antoniadis, Champion et al. (P210-7, SFK)
- 31-22: Freire, Kramer, Wex et al. (P210-7)
- 100-22: Burgay, Karuppusamy, Kramer et al. (P210-7)
- 32-22: Bhandari, Hessels, Kirsten et al. (P210-7)
- 79-22: Bruni, Tuccillo, Vivek, Gonzalez-Serrano (SFK)
- 97-22: Myserlis, Angelakis, Kraus et al. (SFK)
- 102-20: Menten et al., Gong, Rugel (S45)
- 83-22: Komossa, Kraus, Gomez et al. (SFK)

**VLBI-Projects:**

- 16-23: Hessels et al.
- EP125 = 48-23: Perez-Torres et al.
- EH042 = 40-23: Hovatta et al.
- EL065 = 31-23: Lunz et JIVE
- N23xxxx, CL23xxxx = 04-23:

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

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 min before start)  
 \* = project whose observer is responsible for the „weather decision“