

## Beobachtungsplan A / Observing Schedule A

**Effelsberg 100-m Radio Telescope**  
7. Nov. 2023 - 20. Nov. 2023



| 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    | 7.11.  | EB100d = 39-23                  |   |        |       |              |        |                      |   |   |   | N23K2 = 04-23       |    |                      |                      |    |                     |              |    |        |    |    |    |    |    | SFK         | 60255 |        |  |       |
| MI    | 8.11.  | EM174b = 93-23                  |   |        |       |              |        |                      |   |   |   |                     |    |                      |                      |    |                     |              |    |        |    |    |    |    |    | SFK         | 60256 |        |  |       |
| DO    | 9.11.  | 60-23                           |   |        |       |              | P210-7 | Moon-Bounce (06-23)  |   |   | W | RB009 = 114-23      |    |                      |                      |    |                     |              |    |        |    |    |    |    |    | SFK, P210-7 | 60257 |        |  |       |
| FR    | 10.11. |                                 |   |        |       |              |        |                      |   |   |   | Moon-Bounce (06-23) |    |                      | 55-23 (Timing, 21cm) |    |                     |              |    |        |    |    |    |    |    |             |       | P210-7 |  | 60258 |
| SA    | 11.11. | 55-23 (Timing, 21cm)            |   |        |       |              |        |                      |   |   |   |                     |    |                      | SFK                  |    | 55-23 (Timing, SFK) |              |    |        |    |    |    |    |    | P210-7, SFK |       | 60259  |  |       |
| SO    | 12.11. | 55-23 (Timing, SFK)             |   |        |       |              |        |                      |   |   |   |                     |    |                      | 82-22                |    |                     |              |    |        |    |    |    |    |    | SFK         |       | 60260  |  |       |
| MO    | 13.11. | 82-22                           |   |        |       |              |        | Abschaltung Netzwerk |   |   |   |                     |    |                      |                      |    |                     | 82-22, 63-23 |    |        |    |    |    |    |    | SFK         |       | 60261  |  |       |
| DI    | 14.11. | 82-22, 63-23                    |   |        |       |              |        | eVLBI = 05-23        |   |   |   |                     |    |                      |                      |    |                     |              |    |        |    |    |    |    |    |             |       | 60262  |  |       |
| MI    | 15.11. | eVLBI = 05-23                   |   |        |       |              |        |                      |   |   |   |                     |    |                      |                      |    |                     |              |    |        |    |    |    |    |    |             |       | 60263  |  |       |
| DO    | 16.11. | eVLBI = 05-23                   |   |        |       |              |        |                      |   |   |   |                     |    |                      | 90-19                |    |                     |              |    |        |    |    |    |    |    |             |       | 60264  |  |       |
| FR    | 17.11. | 90-19                           |   |        |       |              |        |                      |   |   |   |                     |    |                      |                      |    |                     | 53-23        |    | 90-19  |    |    |    |    |    |             |       | 60265  |  |       |
| SA    | 18.11. | 90-19                           |   | P210-7 | Setup | 55-23 (LEAP) |        |                      |   |   |   |                     |    |                      |                      |    |                     |              |    |        |    |    |    |    |    | 60266       |       |        |  |       |
| SO    | 19.11. |                                 |   |        |       |              |        |                      |   |   |   |                     |    |                      |                      |    |                     |              |    | 105-22 |    |    |    |    |    | >           |       | 60267  |  |       |
| MO    | 20.11. | BP253b1 = 25-21 / BB449 = 26-23 |   |        |       |              |        |                      |   |   |   |                     |    | Abschaltung Netzwerk |                      |    |                     |              |    |        |    |    |    |    |    |             |       | 60268  |  |       |
| 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   |        | 03:22                           |   |        |       |              |        | 10:23                |   |   |   |                     |    | 20:25                |                      |    |                     |              |    | 02:26  |    |    |    |    |    |             |       |        |  |       |

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**Projects/Observers/Receivers:**

**VLBI-Projects:**

- |                 |                  |
|-----------------|------------------|
| EB100 = 39-23:  | Bhandari et al.  |
| EM174 = 93-23:  | Murthy et al.    |
| 60-23:          |                  |
| RB009 = 114-23: | Bruni et al.     |
| eVLBI = 05-23:  | JIVE             |
| BP253 = 25-21:  | Park et al.      |
| BB449 = 26-23:  | Bahramian et al. |

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