

## Beobachtungsplan A / Observing Schedule A

### Effelsberg 100-m Radio Telescope

7. Nov. 2017 - 20. Nov. 2017



Max-Planck-Institut für Radioastronomie

| Date: |        | --- CET / MEZ ---    |   |                |   |                             |   |                              |   |                      |   |                |    |                |    |          |    |                        |    |                  |       |             |       |                |    | Frontend | Obs. Mode |
|-------|--------|----------------------|---|----------------|---|-----------------------------|---|------------------------------|---|----------------------|---|----------------|----|----------------|----|----------|----|------------------------|----|------------------|-------|-------------|-------|----------------|----|----------|-----------|
|       |        | 0                    | 1 | 2              | 3 | 4                           | 5 | 6                            | 7 | 8                    | 9 | 10             | 11 | 12             | 13 | 14       | 15 | 16                     | 17 | 18               | 19    | 20          | 21    | 22             | 23 |          |           |
| DI    | 7.11.  | ES083 = 113-17       |   | RAGS12 = 19-17 |   | EP107a = 114-17             |   |                              |   |                      |   |                |    |                |    | 112-16   |    | RAGS12 = 19-17         |    | EG078g           |       | PM1         | E     |                |    |          |           |
| MI    | 8.11.  | EG078g = 95-13       |   |                |   |                             |   |                              |   |                      |   | RAGS12 = 19-17 |    | EM128c = 48-17 |    |          |    |                        |    |                  |       |             |       | RAGS12 = 19-17 |    | PM1      | E         |
| DO    | 9.11.  | RAGS12 = 19-17       |   | RAGS12 = 19-17 |   | EP107b = 114-17             |   |                              |   |                      |   |                |    |                |    | 81-16    |    |                        |    |                  |       | PM1         | E     |                |    |          |           |
| FR    | 10.11. | RAGS12 = 19-17       |   | RAGS12 = 19-17 |   | W                           |   | PFK: PM1 -> P210-7           |   | P210-7               |   | 81-17          |    | 112-16         |    | SFK      |    | 80-16                  |    | BB384 = 43-17    |       | SFK, P210-7 | E,C,B |                |    |          |           |
| SA    | 11.11. | BB384 = 43-17        |   |                |   | RAGS12 = 19-17              |   | 87-16 (Timing, SFK)          |   |                      |   |                |    |                |    |          |    | SFK                    |    | E,C              |       |             |       |                |    |          |           |
| SO    | 12.11. | 87-16 (Timing, SFK)  |   |                |   |                             |   | P210-7                       |   | 87-16 (Timing, 21cm) |   |                |    |                |    |          |    |                        |    | SFK, P210-7      |       | C           |       |                |    |          |           |
| MO    | 13.11. | 87-16 (Timing, 21cm) |   |                |   |                             |   | SFK                          |   | 77-17                |   |                |    | PM2            |    | Test PM2 |    |                        |    | P210-7, SFK, PM2 | C,A,B |             |       |                |    |          |           |
| DI    | 14.11. | eVLBI = 05-17        |   |                |   |                             |   |                              |   |                      |   |                |    |                |    |          |    |                        |    |                  |       |             |       |                |    |          |           |
| MI    | 15.11. | eVLBI = 05-17        |   |                |   |                             |   |                              |   |                      |   |                |    |                |    |          |    |                        |    |                  |       |             |       |                |    |          |           |
| DO    | 16.11. | RA                   |   | W              |   | Anlieferung Bühne Fundament |   |                              |   |                      |   |                |    |                |    |          |    |                        |    |                  |       |             |       |                |    |          |           |
| FR    | 17.11. | RAGS12 = 19-17       |   | RAGS12 = 19-17 |   | W                           |   | P210-7                       |   | Setup                |   | 87-16 (LEAP)   |    |                |    | 112-16   |    |                        |    |                  |       |             |       |                |    |          |           |
| SA    | 18.11. | Setup                |   | 87-16 (LEAP)   |   |                             |   |                              |   |                      |   |                |    |                |    |          |    |                        |    |                  |       |             |       |                |    |          |           |
| SO    | 19.11. | RAGS12 = 19-17       |   | RAGS12 = 19-17 |   | RAGS12 = 19-17              |   | RAGS12 = 19-17               |   | Monitoring           |   |                |    |                |    |          |    |                        |    |                  |       |             |       |                |    |          |           |
| MO    | 20.11. | RAGS12 = 19-17       |   | RAGS12 = 19-17 |   | W                           |   | Einbau PAF, Wartung Regelung |   |                      |   |                |    |                |    |          |    | Test Phased-Array-Feed |    |                  |       |             |       |                |    |          |           |
| 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   |        | 03:24                |   | 10:25          |   |                             |   |                              |   | 20:27                |   |                |    |                |    | 02:28    |    |                        |    |                  |       |             |       |                |    |          |           |

© on 13. Nov 15:13-18

**Projects:**

**VLBI-Projects:**

- |                          |                              |
|--------------------------|------------------------------|
| ES083 = 113-17:          | Szymczak et al.              |
| EP107 = 114-17:          | Polatidis et al.             |
| EG078 = 95-13:           | Garrett et al.               |
| EM128 = 48-17:           | Moldon et al.                |
| BB384 = 43-17:           | Brunthaler et al.            |
| eVLBI = 05-17:           | JIVE                         |
| RAGS12 = 19-17:          | Kovalev et al. (RadioAstron) |
| N17xxx, CL17xxx = 04-17: | JIVE                         |

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.*

Observing Modes: C = Continuum P = Pulsar S = Spektroskopie V = VLBI    W = Maintenance / Wartung

Phone Controlroom / Telefon Steuerraum: 02257 301 155  
• = latest time for the „weather decision“ (responsibility of the observer)