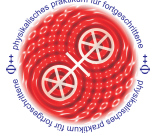


## Allocation of groups

[illegible]

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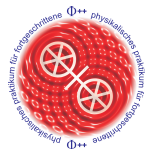
# Advanced Lab Course of Physics – F-Praktikum

summer semester 2025

## allocation of experiments

|               | semester break<br>calendar weeks |   |    |    |    |    |    |    |    |    |    |    | summer semester 2025<br>calendar weeks |    |    |    |    |    |    |    |    |    |    |    |    |   |
|---------------|----------------------------------|---|----|----|----|----|----|----|----|----|----|----|----------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|---|
|               | 7                                | 8 | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19                                     | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |    |    |   |
| experiment 1  |                                  |   |    |    |    |    |    | 54 | 57 | 20 | 29 |    |                                        |    | ×  | 2  | 50 | 5  | 12 | 28 |    |    | ×  | ×  | ×  | × |
| experiment 3  |                                  |   |    |    |    |    |    |    | 54 | 51 | 30 |    |                                        |    | ×  | 29 | 55 | 56 | 31 | 25 | 50 |    |    |    |    | × |
| experiment 9  |                                  |   |    |    |    |    |    | 2  | 2  |    |    |    |                                        |    | ×  | 22 | 22 | 25 | 25 | 31 | 31 |    |    |    |    | × |
| experiment 10 |                                  |   | ×  |    | ×  | 24 | ×  | ×  | ×  | 30 | 1  | ×  | ×                                      | ×  | ×  | 21 | 25 | 3  | 52 |    |    | ×  | ×  |    |    | × |
| experiment 14 | ×                                |   | ×  | ×  |    | 20 |    | ×  | ×  |    | 24 | ×  | ×                                      | ×  | ×  | 3  | 10 | ×  | 4  | 2  | 6  |    |    |    |    | × |
| experiment 17 |                                  |   |    |    |    |    |    | 2  | 56 | 32 | 6  |    |                                        |    | ×  | 25 | 21 | 12 | 50 | 5  |    |    |    |    |    | × |
| experiment 19 |                                  |   |    |    | ×  | ×  |    | ×  | ×  | 29 | 20 | ×  | ×                                      |    | ×  | 54 |    | 30 | 32 | 27 | 51 | 13 |    |    |    | × |
| experiment 24 | ×                                | × | ×  | ×  |    |    |    | 26 | 26 | 56 | 56 | ×  |                                        |    | ×  | 52 | 52 | 55 | 55 |    |    |    |    |    |    | × |
| experiment 40 | ×                                |   | ×  | ×  | ×  |    |    | 23 | 32 | 26 | 33 | ×  | ×                                      | ×  | ×  | 4  | 3  | ×  | 51 |    |    |    |    | ×  | ×  | × |
| experiment 41 | ×                                | × | ×  | ×  | ×  | ×  | ×  | 3  | 3  | ×  | 54 | ×  | ×                                      | ×  | ×  | ×  | ×  | 57 | 57 | 26 | 26 | ×  | 28 | 28 |    | × |
| experiment 44 | ×                                | × | ×  | ×  | ×  | ×  | ×  | ×  | ×  | ×  | ×  | ×  | ×                                      | ×  | ×  | 33 | 24 | 52 |    | 22 | 21 | 27 | 5  | 28 | 11 | × |
| experiment 53 |                                  |   |    |    | 23 | 23 | ×  | 1  | 33 | 33 | 11 | 11 |                                        |    | 31 | 31 |    |    |    |    |    |    |    |    |    | × |
| experiment 58 | ×                                |   |    |    |    |    |    |    |    |    |    |    |                                        |    | ×  | ×  | ×  | 22 | 22 | 40 | 40 | 21 | 21 | 5  | 5  | × |
| experiment 60 |                                  |   |    | ×  | ×  | 1  | 1  | ×  | ×  | 23 | 23 | ×  | ×                                      | ×  | ×  | 12 | 12 | 10 | 10 | 53 | 53 |    |    |    |    | × |
| experiment 65 |                                  |   | ×  |    |    | ×  | ×  |    | 10 |    |    | 4  |                                        |    | ×  | 55 | ×  | 54 | 33 | 12 | ×  | 56 | 27 | 51 |    | × |
| experiment 66 |                                  |   | 6  | 6  | 32 | ×  | ×  | ×  | 29 | 29 | 13 | 13 | ×                                      | ×  | ×  | 51 | 51 |    |    |    |    |    |    |    |    | × |
| experiment 67 |                                  |   | 20 | 20 | 4  | 30 | ×  | ×  | ×  | ×  | ×  | ×  |                                        |    | ×  |    |    | 27 | 27 |    |    | 11 | 11 |    |    | × |

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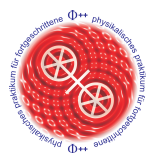
# Advanced Lab Course of Physics – F-Praktikum

summer semester 2025

## list of participating students

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# Advanced Lab Course of Physics – F-Praktikum

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## list of participating students

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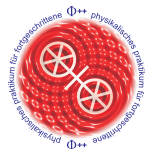
# Advanced Lab Course of Physics – F-Praktikum

summer semester 2025

## experiments and assistants

| no.                  | experiment                                  | assistant           | phone         | room         | email                          |
|----------------------|---------------------------------------------|---------------------|---------------|--------------|--------------------------------|
| <b>experiment 1</b>  | Zeeman effect                               | Omkar Dhungel       | 0157/52099376 | HIM 00-149   | odhungal@students.uni-mainz.de |
| <b>experiment 3</b>  | $\gamma$ -spectroscopy                      | Boris Gläser        | 25854         | KPH 0-042    | bglaeser@uni-mainz.de          |
| <b>experiment 9</b>  | neutron detection and time of flight method | Jürgen Diefenbach   | 25360         | KPH 2-040    | defi@kph.uni-mainz.de          |
| <b>experiment 10</b> | $\beta$ -spectrum                           | Daniel Gavilan      | +34 609955175 | HIM 01-145   | gaviland@uni-mainz.de          |
| <b>experiment 14</b> | Ionization by $\alpha$ -radiation           | Kyra Mossel         | 27789         | 04-431       | kmossel@uni-mainz.de           |
| <b>experiment 17</b> | Balmer series                               | Arian Dogan         | 29984         | 01-145 (HIM) | ardogan@uni-mainz.de           |
| <b>experiment 19</b> | high resolution $\gamma$ -spectroscopy      | Jingyan Xu          | 0162/6501913  | 00-161 (HIM) | jingyan.xu@uni-mainz.de        |
| <b>experiment 24</b> | elastic properties of soft matter           | Peter Vogel         | 23634         | 01-225       | petvogel@uni-mainz.de          |
| <b>experiment 40</b> | mass filter                                 | Raphael Hasse       | 28614         | 02-429       | rahasse@uni-mainz.de           |
| <b>experiment 41</b> | life time of myons                          | Celia Polivka       | 23657         | 04-219       | celia.polivka@cern.ch          |
| <b>experiment 44</b> | energy gap in GaAs and Si                   | Ankhijur Islam Sekh | 25155         | 01-424       | sekhanh@uni-mainz.de           |
| <b>experiment 53</b> | magneto optical Kerr-effect                 | Aditya Kumar        | 23637         | 01-627       | kuaditya@uni-mainz.de          |
| <b>experiment 58</b> | Scanning probe microscopy                   | Franjo Weber        | 379 469       | MPIP 2.503   | franjo.weber@mpip-mainz.mpg.de |
| <b>experiment 60</b> | Laser gyroscope                             | Jochen Walz         | 25976         | 04-631       | Jochen.Walz@uni-mainz.de       |
| <b>experiment 65</b> | Laser-spectroscopy                          | Andreas Conta       | 25696         | 02-319       | aconta@students.uni-mainz.de   |
| <b>experiment 66</b> | Labview                                     | Omar Ledesma        | 27231         | 01-631       | ledesmao@uni-mainz.de          |
| <b>experiment 67</b> | Vacuum technology and thin film growth      | Mehak Loyal         | 23637         | 01-627       | loyalmeh@uni-mainz.de          |

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# Advanced Lab Course of Physics – F-Praktikum

summer semester 2025

## calendar summer semester 2025

| CW                | date                    | comment                                 |
|-------------------|-------------------------|-----------------------------------------|
| 7                 | Mo. 10.02. - Fr. 14.02. | 9 weeks during break                    |
| 8                 | Mo. 17.02. - Fr. 21.02. | dates upon consultation with assistants |
| 9                 | Mo. 24.02. - Fr. 28.02. |                                         |
| 10                | Mo. 3.03. - Fr. 7.03.   |                                         |
| 11                | Mo. 10.03. - Fr. 14.03. |                                         |
| 12                | Mo. 17.03. - Fr. 21.03. |                                         |
| 13                | Mo. 24.03. - Fr. 27.03. |                                         |
| 14                | Mo. 31.03. - Fr. 4.04.  |                                         |
| 15                | Mo. 7.04. - Fr. 11.04.  |                                         |
| begin of semester |                         |                                         |
| 16                | Fr. 18.04.              | (Good Friday) first week of semester    |
| 17                | Fr. 25.04.              |                                         |
| 18                | Fr. 2.05.               |                                         |
| 19                | Fr. 9.05.               |                                         |
| 20                | Fr. 16.05.              |                                         |
| 21                | Fr. 23.05.              |                                         |
| 22                | Fr. 30.05.              |                                         |
| 23                | Fr. 6.06.               |                                         |
| 24                | Fr. 13.06.              |                                         |
| 25                | Fr. 20.06.              |                                         |
| 26                | Fr. 27.06.              |                                         |
| 27                | Fr. 4.07.               |                                         |
| 28                | Fr. 11.07.              |                                         |
| 29                | Fr. 18.07.              | reserve                                 |

CW = Calendar Week.

During the semester break (CW 7 to CW 15) the dates of the experiments can be negotiated with the assistants for the entire week.

During the semester the lab course is scheduled for **Fridays**.

## course convenor summer semester 2025

▷ Dr. Peter Blümmler, room: 02-325, ☎ 24240, email: [bluemler@uni-mainz.de](mailto:bluemler@uni-mainz.de)