

**WO1 - Monitoring the xylem and phloem formation of LKWS; from microcores to microscopes**  
**Programme**

**29 September 2021**

|               |                                |                |                                 |
|---------------|--------------------------------|----------------|---------------------------------|
| 8:30– 8:45    | Welcoming – Tour de table      |                | Lecture room                    |
| 8:45 – 9:15   | Presentation                   | Wood Anatomy   | Lecture room – theory/method    |
| 9:15 – 9:30   | Presentation                   | Wood Formation | Lecture room – example research |
| 9:30 – 10:00  | Transfer to Soběšice           |                |                                 |
| 10:00 – 12:00 | Microcores - fieldwork         | Methodology    | Sobesice                        |
| 12:00 – 13:00 | Lunch Break                    |                |                                 |
| 13:00 – 14:30 | Step 1 - Paraffin blocks       | Methodology    | Laboratory                      |
| 14:30 – 15:00 | Coffee Break                   |                |                                 |
| 15:00 – 17:00 | Arboretum MENDELU              |                | Arboretum MENDELU               |
| 17:30 – 18:30 | Science Café with Petr HORÁČEK |                | MENDELU Library                 |
| 19:00 - ....  | Join dinner in ERA             |                |                                 |

**30 September 2021**

|               |                           |                      |              |
|---------------|---------------------------|----------------------|--------------|
| 8:30 – 10:00  | Lecture                   | Wood Chemistry       | Lecture room |
| 10:00 – 10:30 | Coffee Break              |                      |              |
| 10:00 – 12:00 | Step 2 – Cutting blocks   | Methodology          | Laboratory   |
| 12:00 – 13:00 | Lunch Break               |                      |              |
| 13:00 – 15:00 | Step 3 – Rotary microtome | Methodology          | Laboratory   |
| 15:00 – 15:30 | Coffee Break              |                      |              |
| 15:00 – 15:15 | Presentation              | WooD+ project        | Lecture room |
| 15:15 – 15:45 | Presentation              | UL research examples | Lecture room |
| 15:45 – 17:00 | Step 4 – Staining slides  | Methodology          | Laboratory   |
| 17:00 – 19:00 | Brno sight seeing         |                      | Brno         |

**1 October 2021**

|               |  |                   |                                 |
|---------------|--|-------------------|---------------------------------|
| 8:30 – 9:00   | Presentation   | Wood formation    | Lecture room – example research |
| 9:00 – 10:00  | Step 5 – Monitoring phenological phases (Light microscopy) | Methodology       | Laboratory                      |
| 10:00 – 10:30 | Coffee Break   |                   |                                 |
| 10:00 – 11:00 | Digital microscopy examples                                | Methodology       | Laboratory                      |
| 11:00 – 12:00 | SEM examples   | Methodology       | Laboratory                      |
| 12:00 – 13:00 | Lunch Break  |                   |                                 |
| 13:00 – 13:15 | Presentation   | ASFORCLIC project | Lecture room                    |
| 13:15 – 15:00 | Practicing the technique                                   | Methodology       | Laboratory                      |
| 15:00 – 15:30 | Coffee Break   |                   |                                 |
| 15:00 – 17:00 | Summarizing/ Q&As  | Methodology       | Laboratory                      |