



PTI TELEDETEC WG 6

Inter-comparison and calibration workshop/experiment

14-15 September 2022

El Socorro experimental farm (Colmenar de Oreja) (IMIDRA)

The Inter-comparison and calibration workshop/experiment, open to TELEDETECT and AET members, will offer the opportunity to exchange ideas and experience in the use of spectroradiometers and cameras (field and UAV mounted sensors) for in situ and proximal sensing. Inter-comparison of instruments as well as vicarious calibrations are planned where participants will be actively involved. Presentation/discussion sessions are also scheduled to informally exchange experiences and debate potential collaborations. The workshop/experimente will be held at “El Socorro experimental farm” <https://www.comunidad.madrid/centros/finca-socorro-colmenar-oreja> where research activities are carried out in the wine sector, offering also technical and educational support to the sector as a whole within the Community of Madrid.

The Workshop is organised in 2 days where **day 1** will be dedicated to **field spectroscopy: inter-comparison of spectroradiometers** and **day 2** to **UAV sensors: inter-comparison and vicarious calibration using low cost panels**

Programme

September 6 to 8 (on-line) (FINAL DATE TO BE CONFIRMED)

11:00 -13:00 Preparatory activities and discussion on technical issues (to registered participants)

Wednesday, September 14 2022

- 8:30 – 9:30 Arrival of participants to El Socorro
- 9:30 – 11:00 Organization of the experiment setup
- 11:00-12:00 Instruments´ warm up and coffe
- 12:00 -15:00 Inter-comparison experiment
- 15:00 – 16:00 Lunch
- 16:00 -19:00 Invited talk (Javier Pacheco, Max Planck Institute for Biogeochemistry) + 10 min presentations (participants) + discussion
- 19:30 Social activities to celebrate 15 years of SpecLab

Thursday, September 15 2022

- 8:30 – 9:30 Arrival of participants to El Socorro
- 9:30 – 11:00 Organization of the experiment setup
- 11:00-14:00 Calibration flights
- 14:30 – 14:30 Collect and store equipment
- 14:30 – 15:30 Lunch
- 15:30-17:00 Recap, summary and conclusions
- 17:00 End of the Workshop

In collaboration with:

