

TERM OF REFERENCE (ToR) FOR THE RECRUITMENT OF OASIS PROGRAM

GENERAL INFORMATION

Post Title:	Recruitment of 2025 OASIS interns
Host Organization:	Pessl Instruments GmbH
Host Department/Division:	Product Management, R&D
Duty Station:	Home office while VISA C is being processed (~Jul/Aug) In-presence internship once VISA C is approved (~Sep to Nov) *Subject to the travel alerts issued by the MOFA of ROK
Possible Places of Travel:	Austria
Duration:	5 months
Expected Start Date:	1st of July 2025

JOB DESCRIPTION

1. SCOPE OF ASSIGNMENT

Agricultural instrument testing and data analysis

- Conduct field and laboratory experiments using agricultural devices such as the Dualex (leaf-clip sensor) and N-Pilot.
- Collect, digitize, structure, and analyze data to test and refine the performance of agricultural measurement tools.
- Collaborate with the R&D and Product Management teams to identify and address potential issues in device usability and measurement accuracy.
- Contribute to the development of technical reports summarizing findings and providing actionable recommendations for product enhancement.

2. EXPECTED DURATION OF ASSIGNMENT

5 months

3. QUALIFICATION/EXPERIENCE

The successful offeror shall meet the following minimum criteria:

EDUCATION

- Currently enrolled in or recently graduated from a degree program (major) in agriculture, biology, ecology, biodiversity, or any other related fields

EXPERIENCE

- Experience working with agricultural measurement devices such as leaf-clip sensors, multispectral cameras, or similar.
- Experience with agricultural experiment design or conducting field trials is advantageous.
- Working outdoors in agricultural fields (e.g. field crops such as wheat) to collect measurements
- Advanced skills in spreadsheet calculation and data analysis (e.g., MS Excel, Google Sheets).
- Programming skills in Python, R, or similar languages are beneficial.

LANGUAGE

- Fluency in English (verbal and written)

FUNCTIONAL COMPETENCIES

- Proficiency in data analysis, statistics, and interpretation in the context of agricultural research.
- Understanding of crop, pest, and disease bio-physiological processes.
- Knowledge of environmental processes impacting crops, including soil, water, and nutrition.

CORE COMPETENCIES

- A highly cooperative attitude, with the ability to contribute to team efforts.
- A keen interest in hard- and software technology related to precision agriculture.
- Resilience to work outdoors in crop fields exposed to the weather and agricultural/natural environment within the field.
- Ability to report, synthesize, and present complex topics and features clearly.
- Ability to work independently and collaboratively in a multicultural and interdisciplinary environment.