

STAKEHOLDER EVENT & FIELD DAY

26TH JULY 2023 / Arganda del Rey (Madrid)



Join us in our first field demonstration!

WeLASER celebrates a field day and a stakeholder event on **July 26th**, from 10.00 a.m. to 5.00 p.m. in the CSIC facilities of **Arganda del Rey, Madrid (Spain)**.

It will be a great opportunity to exchange views with the other **actors involved from all over Europe** and to discover the prototype and to get first-hand information about its evolution and development to its current stage. More than 50 relevant participants are expected: farmers, scientists, policy-makers, industry and civil society representatives.

In the afternoon, we will hold **two interesting round tables** on the implications of the future Regulation on the sustainable use of plant protection products, as well as on future alternatives in crop protection products. Experts from European institutions, national authorities, NGOs, crop protection industry and farmers associations will provide their visions. A lively debate is ensured.

More details and confirming attendance: coagbruselas@coag.org

Interpretation is foreseen from EN – ES – EN. Free transport from Madrid to the event.
www.welaser-project.eu

Sustainable Weed Management in Agriculture with Laser-Based Autonomous Tools

AGENDA OF THE STAKEHOLDER EVENT & FIELD DAY - 26th July 2023

Address: CENTRE FOR AUTOMATION AND ROBOTICS (CAR-CSIC), Ctra. De Campo Real
KM 0,200 (28500) Arganda del Rey. Madrid (Spain)

<https://www.car.upm-csic.es/contact/>

FIELD DAY

10:00 – 10:30 WELCOME AND REGISTRATION

10:30 – 10:45 PROJECT OVERVIEW (*Auditorium*) Pablo GONZALEZ-DE-SANTOS
(CSIC) - Project coordinator

10:45 – 11:15 EXPLANATION OF THE COMPONENTS OF THE PROTOTYPE (*Laboratory*) CSIC, LZH, FUTONICS,
AGREENCULTURE, UNIBO

11:15 – 11:30 COFFEE BREAK

11:30 – 13:30 DEMONSTRATION OF THE PROTOTYPE CSIC, LZH, FUTONICS,
(*see detailed agenda on the next page*) AGREENCULTURE, UNIBO

13:30 – 14:30 Lunch

STAKEHOLDER EVENT

14:30 – 15:30 REGULATION ON THE SUSTAINABLE USE OF PLANT PROTECTION PRODUCTS – IMPLICATIONS FOR EU PRODUCTION

José Manuel Roche, *European Economic and Social Committee.*

Patricia de Almandoz, *COPA-COGECA.*

Carlos Romero, *Spanish Ministry of Agriculture, Fisheries and Food.*

Facilitator: Manuel Linares, COAG

15:30 – 17:00 PLANT PROTECTION PRODUCTS – FUTURE AND ALTERNATIVES

Evelyne Alcázar, *IFOAM.*

Carlos Palomares, *CROPLIFE EUROPE.*

Andrés Góngora, *COAG.*

Facilitator: Janusz Krupanek, IETU

17:00 End of meeting

DEMONSTRATION OF THE PROTOTYPE

10:45 – 11:20	EXPLANATION OF THE COMPONENTS OF THE PROTOTYPE (High-bay Lab)	CSIC, LZH, FUTONICS, AGREENCULTURE, UNIBO
10:45 – 10:50	Presentation of the generic characteristics of the platform (load capacity, power, speeds, etc.)	AGREENCULTURE
10:50 – 10:55	Presentation of the configuration of the robot and integration process	CSIC
10:55 – 11:00	Presentation of the distribution of high-power laser units	FUTONICS
11:00 – 11:10	Presentation of the weeding implement	LZH
11:10 – 11:20	Presentation of the IoT Sensors & Cloud Computing	UNIBO

11:20 – 11:35	COFFEE BREAK	
11:20 – 11:25	Exit the robot from the (High-bay Lab)	CSIC
11:25 – 11:35	The robot travels in autonomous mode from the High Bay to the demonstration fields (stops the robot before starting treatment)	CSIC

11:35 – 13:30	DEMONSTRATION OF THE PROTOTYPE	CSIC, LZH, FUTONICS, AGREENCULTURE, UNIBO
11:35 – 11:40	The participants arrive at the field and position themselves in the observation area.	
11:40 – 11:45	Demonstration of powering up the robot and accessing the user interface	CSIC
11:45 – 11:50	First demonstration of launching a mission	UNIBO
11:50 – 12:00	Observation of the robot executing a mission in a maize field (a going and a return). The attendees stay in the observation area.	
12:00 – 12:20	Observation of the laser effect on weeds: The attendees approach the field.	LZH
12:20 – 12:40	Demonstration in static at high power to show the precision of the targeting system	LZH
12:40 – 12:50	Second demonstration of launching a mission. Observation of the robot executing a mission in a sugar-beet field (a going and a return). The attendees stay in the observation area.	UNIBO
12:50 – 13:00	Returning to the High-bay Lab	
13:00 – 13:30	Training in the use of the User Interface and the creation of maps and missions	CSIC, UNIBO

13:30 – 14:30	Lunch	
	During the lunch, we will request the attendees to fill in questionnaires	All