



**2023**  
**EDITION**

# **PROGRAM**

## **AGRITECH DAY 6<sup>TH</sup> EDITION**

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The conference of innovations and solutions for efficient and sustainable agriculture

**PLENARY SESSION**

**8.30**

**CONFERENCE OPENING**

*Laurent de Buyer - General Manager AXEMA*

**8.50**

**POSTERS PRESENTATION**

	<b>ROOM A</b>	<b>ROOM B</b>
	<b>R&amp;D process and efficiency</b>	<b>Agricultural robots safety</b>
<b>9.30</b>	<b>Automation of functional tests of agricultural machines</b> <i>Yannick GUYOMARCH - KEREVAL</i> <i>Tom LARATTE - BUREL GROUP</i>	<b>Safe VRS corrections for autonomous robots</b> <i>Paul CHAMBON - RESEAU-TERIA</i>
<b>10.00</b>	<b>Soil diphasic conveyance</b> <i>Ilyes MNASSRI - CETIM</i>	<b>Autonomous weeding in Vineyards, TED robotic solution</b> <i>Cédric SEGUINEAU - NAI0-TECHNOLOGIES</i>
<b>10.30</b>	<b>Intellectual property and innovation management practices of French agri-equipment SMEs</b> <i>Lionel LEVEILLE - BUREL GROUP</i>	<b>Sensitive device for probing and recognition of obstacles in a natural environment</b> <i>Lama AL BASSIT - INRAE</i>

**CENTRAL ROOM**

**11.00**

**POSTER BREAK**

	<b>ROOM A</b>	<b>ROOM B</b>
	<b>Agro-ecological transition</b>	<b>Decarbonising of agriculture</b>
<b>11.30</b>	<b>Dynamic agrivoltaics: a solution for preserving quality of grapes and protecting grapevine from climate change</b> <i>Damien FUMEY - SUN'AGRI</i>	<b>Decarbonizing non-road mobile machine through retrofitting</b> <i>François BROCHARD - IN SITU</i>
<b>12.00</b>	<b>Is conservation agriculture the future of farming in France?</b> <i>Damien CALAIS - UNILASALLE / AXEMA</i>	<b>Does full autonomy improve the environmental impacts of agricultural robots? The case of vineyard weeding robots</b> <i>Marilys PRADEL - INRAE</i>

**CENTRAL ROOM**

**12.30**

**LUNCH BREAK**

	ROOM A	ROOM B
	<b>DATA &amp; IA</b>	<b>Crop protection</b>
1.30	<b>360° Monitoring for agriculture</b> <i>Loïc EYANGO - ADVENTIEL</i>	<b>Mandatory inspection database results for sprayer calibration</b> <i>Nesrine BOUCHEKOUIM - INRAE</i>
2.00	<b>Smartbox traceability system</b> <i>Albane THOUERY - AGDATAHUB</i> <i>Eric FONTES - ZEKAT</i>	<b>A new method for comprehensive crop care using UV light flash</b> <i>François SEMENT - UV BOOSTING</i>
2.30	<b>Keeping an ear on your farm: the benefits of sound monitoring</b> <i>Victoria POTDEVIN - ADVENTIEL</i>	<b>ADDI Spray Drift: A spray drift model for vine sprayers</b> <i>Jean-Paul DOUZALS - INRAE</i>
<b>CENTRAL ROOM</b>		
3.00	<b>POSTER BREAK</b>	
	ROOM A	ROOM B
	<b>Innovative agricultural equipment</b>	<b>Crop protection</b>
3.30	<b>The 4th hydraulic point associated with the Weeder Pilot, a user-centered design</b> <i>Pierre HAVARD - CORMIERS</i>	<b>Evaluation of the possibilities of robotization and automation of non-chemical weed control in crop production</b> <i>Véronique LECLERCQ - CRA-W</i>
4.00	<b>TIM rear top linkage and TIM Spreader developments</b> <i>Fulvio ZERBINO - KUBOTA</i>	<b>Spray drift measurements with herbicide application trains: methodological issues and results</b> <i>Jean-Paul DOUZALS - INRAE</i>
<b>PLENARY SESSION</b>		
4.30	<b>THINKING ON THE TECHNOLOGIE'S SUPPORT TO THE TRANSITION OF AGRICULTURE TOWARDS SUSTAINABLE SYSTEMS</b> <i>Xavier REBOUD — Director of Research, Project Leader</i> <i>INRAE's Scientific Division for Agriculture</i>	
5.00	<b>CONFERENCE CONCLUSION</b> <i>Philippe COLACICCO – KUBOTA'S EUROPE R&amp;D DIRECTOR</i> <i>AXEMA Technical Committee Chairman</i>	

# POSTERS PROGRAM

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**How do we ensure trusted AI for digital agriculture?**

*Anne-Laure WOZNIAK – KEREVAL*

**Exploitation of simulation for the development of off-road robotic applications  
in the agricultural field**

*Pierre DELMAS – 4D VIRTUALIZ*

**Wind sensor exploiting the properties of ultrasonic waves**

*Christophe MICHEL – LCJ CAPTEURS*

**Trial offers from the AgroTechnoPôle platform**

*Adriana SANCHEZ HALLEUX – INRAE*

**Evaluation of the relay cropping's agriculture equipment performance in Northern France**

*Hamza MOHIEDDINNE – UNILASALLE*

**FRUGALITY The sustainable future of intelligent digital solutions in agriculture**

*Victoria POTDEVIN – ADVENTIEL*

**An overview of agROBOfood: Achievements and Future Outlook**

*Farzam RANJBARAN – CEMA*

**i-SMART: Innovative and Sustainable Methods for Agricultural Robotics and off-road Mobility**

*Dieumet DENIS - SHERPA ENGINEERING*

*Philippe HERITIER - INRAE*

**ID4Mobility: Accelerating innovation and industrial transformation**

**for off-road mobility players**

*Sébastien PERSONNIC – ID4MOBILITY*

**GEA Next Generation farming : How our technologies improve farm performance  
and reduce farm greenhouse gaz impact ?**

*Frédéric FAVROT – GEA FARM TECHNOLOGIES*

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