



## Fraunhofer Pheno-Talks

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Smart farming: Challenges  
for the industrial  
utilization of advanced  
phenotyping sensors

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**In the context of an ever-growing population, the consequences of climate change and the shift towards sustainable agriculture, objective determination of plant health or growth are key factors to address current and future challenges.**

The development of sustainable, resource-efficient phenotyping technologies contributes to the safety of supply of entire regions in the long term by technologically supporting, among other things, the optimization of growing conditions or the breeding of new varieties.

The Fraunhofer Pheno-Talks »Smart farming: Challenges for the industrial utilization of advanced phenotyping sensors« provide a platform for various research institutions and industrial companies to report on current challenges and possible solutions. With the talk series, which will be streamed via Microsoft Teams, we want to offer interested parties, researchers and users from the industry a low-threshold platform for professional exchange. Stefan Gerth will lead through the event series. He has been researching technologies for plant phenotyping for more than 10 years and is head of the department Application Specific Methods and Systems at Fraunhofer EZRT.

<b>2023-04-19</b>	<b>Guest:</b> Bas van Erdt, Director of Phenokey
<b>3.30 p.m.</b>	<b>Topic:</b> Phenotyping technologies: Bridging the gap
<b>CEST (UTC +2)</b>	<b>between concept development and industrial deployment</b>
<b>2023-05-09</b>	<b>Guest:</b> Prof. Patrick Noack, Professor at University of
<b>3.30 p.m.</b>	<b>Applied Sciences Weihenstephan-Triesdorf</b>
<b>CEST (UTC +2)</b>	<b>Topic:</b> Human Annotation, Validation and Postpro-
	<b>cessing of data collected with Phenotyping Sensors</b>
<b>TBD</b>	<b>Guest:</b> Christian Hgel, Strube D&S GmbH
<b>TBD</b>	<b>Guest:</b> Prof. Jennifer L. Clarke, Professor and Director
	<b>of University of Nebraska–Lincoln Food Science and</b>
	<b>Technology; Statistics</b>

The event will take place as a livestream via MS Teams.

For more information please visit: [iis.fraunhofer.de/pheno-talks](https://iis.fraunhofer.de/pheno-talks)

### Contact

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