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PHOTONICS<sup>21</sup>

PHOTONICS PUBLIC PRIVATE PARTNERSHIP



# EUROPEAN PHOTONICS ROADSHOW SERIES



## Amsterdam

## Photonics in Agriculture and Food

*"How to feed 9 billion people in 2050?"*



**KIT** Royal  
Tropical  
Institute

14<sup>th</sup> & 15<sup>th</sup> February 2019

Royal Tropical Institute (KIT)

Amsterdam



## A unique and interactive program on Agri & Food

One of the activities of the ÉPRISE-project is organizing European roadshows on Medical Technology, Pharmaceuticals, Agriculture and Food with Photonics as key enabling technology.

This roadshow focusses on Agriculture & Food. After the USA the Netherlands is worldwide the largest export market not only for agriculture and food products but also for innovative technology in these two application areas, with our Wageningen University & Research (WUR) in the frontline.

### Why you should attend

The roadshow aims on providing SME's with solutions on how to overcome the market barriers and boost collaboration in Europe via pre-arranged B2B meetings. This is an unique chance to meet other European photonics companies, end users and experts in Agriculture & Food. Take this special opportunity to find new leads for your business.

On the next page you will find our preliminary 2-days program that has been developed together with Dutch Optics Centre, FoodTechBrainport, OostNL, RVO, the WUR and in close collaboration with our ÉPRISE-partners.

On 14<sup>th</sup> February the program will focus on the value/product chain from R&D and expert presentations (Technology and Go-to-Market) up to about 15 pitches of SME's (photonics companies and end users). On both days we are developing a parallel program with presentations, pitches and pre-arranged B2B meetings (ÉÉN-network). During the 2<sup>nd</sup> day there is also a possibility for table-tops. After the roadshow there's an optional visit to the Tropen Museum.

Visit our PhotonicsNL-website [www.photonicsnl.org/events/eprise-roadshow-amsterdam](http://www.photonicsnl.org/events/eprise-roadshow-amsterdam) to see the most current program and to register as a participating company (B2B meeting, Pitch and Table-top presentation) or as a visitor.

*The ÉPRISE project, "Empowering Photonics through Regional Innovation Strategies in Europe", brings together nine leading photonics innovation clusters and national photonics platforms around Europe with the aim of supporting companies who use photonics to enter into four Life Sciences market sectors where Europe holds a leading position, namely Medical Technologies, Pharmaceuticals, Agriculture and Food.*

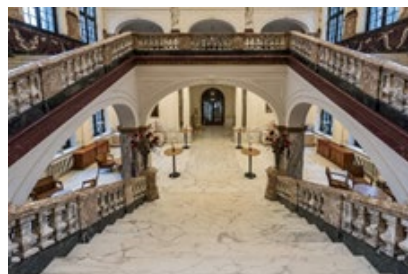
*The EPRISE project is a 30-month coordination program, started in January 2017 and will end in July 2019.*

*Photonics has been selected by the European Commission as one of the key enabling technologies to furthering technology in Healthcare and Agriculture and Food.*

**More info of ÉPRISE: [www.eprise.eu](http://www.eprise.eu)**

*Choosing KIT where our roadshow will take place is not accidental. KIT Royal Tropical Institute is an independent centre of expertise, education and intercultural cooperation dedicated to sustainable development. KIT focuses on key areas where it can make a difference: healthcare, gender and agriculture.*

**More info about KIT: [www.kit.nl](http://www.kit.nl)**



### Our program committee:

Guus Taminiau, PhotonicsNL

Ron van der Kolk, PhotonicsNL

Petra Wicherink, PhotonicsNL

Gerrit Polder, Wageningen University & Research

Ivo Ploegsma, FoodTechBrainport

Eddy Schipper, Netherlands Enterprise Agency (RVO)

Bart Snijders, Dutch Optics Centre, PhotonicsNL

Erik Ham, Dutch Optics Centre

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Netherlands Enterprise Agency



Advies voor uw onderneming binnen handbereik



## Program 14<sup>th</sup> February

9:00 - 9:30	Registration at KIT
9:30 - 10:00	<p>Opening Roadshow: “How to feed 9 billion people in 2050?”</p> <ul style="list-style-type: none"> <li>• Benno Oderkerk, Chairman of <a href="#">PhotonicsNL</a></li> <li>• Ron van der Kolk, Director of <a href="#">PhotonicsNL</a></li> <li>• Cecilia Pinto, Coordinator of our ÉPRISE-project, <a href="#">Optitec</a>, France</li> </ul>
10:00 - 10:45	<p>The Agriculture &amp; Food Market (20 min. presentations):</p> <ul style="list-style-type: none"> <li>• <i>“Global trends in a fast changing consumer market, new opportunities for photonics”</i> Ivo Ploegsma, <a href="#">FoodTechBrainport</a>, Netherlands</li> <li>• <i>“Changing ecosystems in Agriculture and Food”</i> Joep Brouwers, <a href="#">Brabantse Ontwikkelings Maatschappij</a> (BOM), Netherlands</li> </ul>
10:45 - 11:15	Coffee break and informal meetings
11:15 - 12:45	<p>Technical Photonics experts in Agriculture &amp; Food (20 min. presentations):</p> <ul style="list-style-type: none"> <li>• <i>“Photonics for sensing in Agriculture &amp; Food”</i> Gerrit Polder, <a href="#">Wageningen University &amp; Research</a>, Netherlands</li> <li>• <i>“Photonics for phenotyping and monitoring solutions of plants in agronomical science and crop farming : usage and path to market”</i> Antoine Fournier, <a href="#">Arvalis</a>, France</li> <li>• <i>“Boosting Dutch optics industry by joint R&amp;D”</i> Bart Snijders, <a href="#">Dutch Optics Centre - TNO</a>, Netherlands</li> <li>• <i>“Real-time quality control in fresh agro produce”</i> Frans Harren, <a href="#">Radboud University</a>, Netherlands</li> </ul>
12:45 - 13:40	Lunch at KIT and informal meetings
13:40 - 15:00	<p>Market and business experts in Agriculture &amp; Food (20 min. presentations):</p> <ul style="list-style-type: none"> <li>• <i>“Precision Farming S3: collaboration opportunities?”</i> Roberto Scalacci, <a href="#">Tuscany Region</a>, Italy</li> <li>• <i>“Realizing photonics innovation in agriculture: A matter of marketing?”</i> Per Frankelius, <a href="#">Linköping University &amp; Agtech 2030</a>, Sweden</li> <li>• <i>“Ecosystems for business”</i> Erik Ham, <a href="#">Dutch Optics Centre - TNO</a>, Netherlands</li> <li>• <i>“Future of Agrofood Business Innovation”</i> Ruud Smeulders, <a href="#">Brilliant Brains</a>, Netherlands</li> </ul>
15:00 - 15:30	Coffee break, informal meetings and B2B Meet & Match
	<i>See next page for follow-up of the afternoon program</i>

## Program 14<sup>th</sup> February (Cont'd)

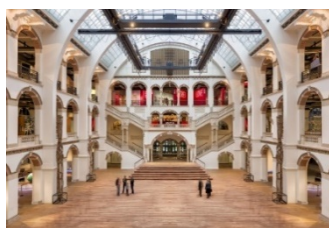
15:30 - 17:00	Parallel program of Pitches and B2B Meet & Match
	<p><b>Pitches of companies (10 min. presentations):</b></p> <p>15:30 - 15:40: Richelle Hoveling, <a href="#">Quest Innovations</a>, Netherlands</p> <p>15:40 - 15:50: Oliver Pust, <a href="#">Delta Optical Thin Film</a>, Denmark</p> <p>15:50 - 16:00: Andreas Hofland, <a href="#">Hortikey</a>, Netherlands</p> <p>16:00 - 16:10: Michiel van Rijnbach, <a href="#">GEA</a>, Netherlands</p> <p>16:10 - 16:20: Tim Zander and Nikolaos Perimenis, <a href="#">TU Berlin</a>, Germany</p> <p>16:20 - 16:30: Ricardo Diaz, <a href="#">AINIA</a>, Spain</p> <p>16:30 - 16:40: Marc Peters, <a href="#">Solar Application Lab</a>, Netherlands</p> <p>16:40 - 16:50: Boyan Nedeltchev, <a href="#">RGX Systems</a>, France</p>
17:00 – 17:30	<p><b>Our ÉPRISE-partners on Agriculture &amp; Food</b></p> <p>17:00 - 17:15: Juha Purmonen, ÉPRISE-partner, <a href="#">Photonics Finland</a>, Finland</p> <p>17:15 - 17:30: Denis Tregogat, ÉPRISE-partner, <a href="#">Photonics Bretagne</a>, France</p>
17:30 – 18:00	Plenary Discussion & Conclusions
18:00 - 18:45	Drinks and informal meetings
18:45 - 20:00	Dinner at Grand Café KIT

*The roadshow is organized together with our ÉPRISE-partners*



## Program 15<sup>th</sup> February

8:30 - 9:00	Welcome with coffee
9:00 - 9:10	Opening 2 <sup>nd</sup> day
9:10 - 10:30	Parallel program of Presentations, Table Tops and B2B Meet & Match
	<p>Photonics experts in Agriculture &amp; Food (20 min. presentations):</p> <ul style="list-style-type: none"> <li>• <i>“Using Photonics to reduce waste and chemical use in fresh produce – Challenges and Opportunities”</i> Ewan Gage, <a href="#">ADAS</a>, United Kingdom</li> <li>• <i>“Future challenges in Food system”</i> Mari Sandell, <a href="#">University of Turku</a>, Finland</li> <li>• <i>“EyeFarming - Solution developed for optimized data handling of computer vision based sensor systems”</i> Graham McCarthy, <a href="#">BMP Innovations</a>, Sweden</li> <li>• <i>“Opportunities for photonics solutions in the food and agriculture industry”</i> Marco Snickers, <a href="#">Ocean Optics</a>, Netherlands</li> </ul>
10:30 - 11:10	Coffee break, Table Tops and B2B Meet & Match
11:10 - 12:40	Parallel program of Pitches, Table Tops and B2B Meet & Match
	<p>Pitches of companies (10 min. presentations):</p> <p>11:10 - 11:20: Henk Leeuwis, <a href="#">LioniX International</a>, Netherlands</p> <p>11:20 - 11:30: Thierry Berthou, <a href="#">SILIOS Technologies</a>, France</p> <p>11:30 - 11:40: Frans van der Meij, <a href="#">Spectra Partners</a>, Netherlands</p> <p>11:40 - 11:50: Pavel Paclik, <a href="#">perCLASS</a>, Netherlands</p> <p>11:50 - 12:00: Henk Reitsma, <a href="#">Greefa</a>, Netherlands</p> <p>12:00 - 12:10: Harm Hanekamp, <a href="#">Stemmer Imaging</a>, Netherlands</p> <p>12:10 - 12:20: Sara Otero, <a href="#">Phase Photonics</a>, Spain</p> <p>12:20 - 12:30: Ismael Almazan, <a href="#">FYLA</a>, Spain</p>
12:40 - 13:40	Lunch at KIT and Table Tops
13:40 - 14:30	Plenary Q & A with our Technical and Business Experts Rick van de Zedde, Wageningen University & Research, Netherlands
14:30 – 14:40	Next ÉPRISE-roadshow on Food: 16 & 17 May 2019, Barcelona Introduction by Gawel Walczak, <a href="#">SECPHO</a> , Spain Wrap-up & Conclusions
14:40 - 15:00	Gathering with drinks and end of the Roadshow
15:00 - 16:30	Visit to the Tropenmuseum (optional)



## Practical information

- Address of the Royal Tropical Institute (KIT)

Mauritskade **63**  
1092 AD Amsterdam  
The Netherlands



**KIT** Royal  
Tropical  
Institute

- Hotel suggestion

Just around the corner of KIT is the [KIT Amsterdam Tropenhotel](#)



**KIT** Amsterdam  
Tropen  
Hotel

- Route description

The easiest way (e.g. from Schiphol Airport) is traveling by train to Amsterdam Muiderpoort Station via Amsterdam Central Station. From Muiderpoort Station it takes a 10 minutes' walk to the Royal Tropical Institute.

If you travel by car please note that at KIT there is very limited space for parking, unless you stay at the Tropenhotel.

- Luggage

At KIT it's not possible to store your luggage. If necessary you can store your luggage at your hotel.



- Contact information PhotonicsNL

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