

**EUROPEAN PHOTONICS
ROADSHOW SERIES** 
BARCELONA



EPRISE
EMPOWERING PHOTONICS

New technologies for agriculture & food industry

AGENDA

16th – 17th May 2019

World Trade Centre Barcelona

AGENDA

Day 1: Thursday 16th May 2019

Venue: World Trade Centre Barcelona, 1st floor, Building South (Sur), Moll de Barcelona, s/n, 08039 Barcelona

08.30 - 09.00 Registration

09.00 - 9.30 Welcome and introduction of EPRISE and FoodPackLab projects

9.30 – 11.00 Companies Pitching in front of Expert Panel (Part 1)

- Lorenza Tuccio, [CNR - IFAC](#), Photonics for the assessment of table grape ripeness: the first successful case of the Florence Photonics Roadshow
- Ricardo Díaz, [AINIA](#), Can photonics improve food security? Success stories of AINIA
- Gemma García Mandayo, [Ceit-IK4](#), Sensors and laser technologies for food packaging
- Iker García, [ADVANCED OPTICAL TECHNOLOGIES S.L.](#), Spectroscopy systems integrated in food manufacturing and processing equipment
- Marta Avila, [Sincrotrón ALBA](#), Food under the light of the synchrotron
- Ramón Villanova, [Photon Lines](#), Hyperspectral technics in the food industry
- Thierry Berthou, [SILIOS technologies](#), Hybridization of Multispectral Filters: Emergence and Deployment of an integrated technology for Spectrometry & Multispectral imaging
- Victor Bernando, [Hamamatsu Photonics](#), (tbc)
- Sara Calomarde, [AMS Technologies](#), Helping packaging and labeling companies to enhance their photonic technologies
- Conny Hanghøj, [VIFU](#), Innovation in the Food Sector
- Enric Pedrós, [FEMAC](#), Future Emerging and Modern Agriculture in Catalonia

11.00 - 11.30 Coffee break

11.30-13.30 Companies Pitching in front of Expert Panel (Part 2)

- Robin de Bruijn, [Philips Innovation Services](#), Development and manufacturing of Micro-assembled Photonic and Optical components – Overview of approaches from Philips' background in electronic manufacturing
- Alejandro Rosales, [IRIS Technology](#), How Industry 4.0 acquires its sixth sense: spectroscopy and hyperspectral image in the production line
- Elena Martínez, [ATRIA Innovation](#), ATRIA Implementation cases of Technologies 4.0 in the Automotive sector transferred to Agrifood sector

- Julián Merida, [On-Laser Systems](#), Laser Applications for Food & Packaging
- Pablo Aitor Postigo, [Instituto de Micro y Nanotecnología](#), Low-cost optical sensor for fast and accurate determination of liquid mixtures in foods or beverages
- Hugues Tariel, [DAIFIR](#), Pathway from medical to food industry, ups and downs
- Deitze Otaduy, [IK4-Tekniker](#), Photonic technologies to transform the agri-food sector into the industry 4.0
- Tim Zander and David Kaczmarek, [TU Berlin](#), Current situation of smart plant lighting
- Katia Chernysheva, [Greentropism](#), Artificial intelligence for photonic sensors in food & agroindustry
- Felipe López, [Zabala Innovation Consulting](#), Funding opportunities through innovation
- Adriana Freitas, [Muster Ventures](#), Strategies on Funding - Investors and Startups Expectations

13.30-15.00 Networking lunch

15.00-17.00 Innovation Workshop (Part 1)

SERGIO (Sala 4)

- Challenge: How autonomous systems will provide food in the most extreme environments? Adrián Navarro Moya, [SMART BIOSYSTEM](#)
- Challenge: Detection and elimination of bitter almonds, Nuria CANAMASAS GUARDIOLA and Simó Alegre, [IRTA](#)

GAWEL (Sala 11)

- Challenge: How can manure transform, from a residual or waste to a valuable throughput to the next phase in the cycle, Nancy Wester, [Provincie Noord-Brabant](#)
- Challenge: identification of low-density foreign bodies in processed vegetables, Raquel Gómez Martínez, [CLUSTER FOOD+i](#)

17.00-18.00 b2b meetings

18.00-20.00 Networking Tour in Vintage Vans

20.00 Networking dinner

Museo Marítimo, [Norai Raval](#), Av. de les Drassanes, s/n, 08001 Barcelona

Day 2: Friday 17th April 2019

Venue: World Trade Centre Barcelona, 1st floor, Building South (Sur), Moll de Barcelona, s/n, 08039 Barcelona

9.30 Welcome coffee

10.00-11.30 Innovation Workshop (Part 2)

SERGIO (Sala 4)

- Challenge: Non-invasive detection of physical-chemical parameters in the production of wine, Jaume Gramona de Gramona, [Codorniu](#)
- Challenge: Sustainable Cultivation of Specialty Coffee, Ansgar Elfgren, [Umami Area](#)

11.30-12.00 Coffee break

12.00-13.30 Panel of experts: Business opportunities and advice

- Natalia Nicolau, [ACCIÓ](#), Opportunities in Catalonia - Nuclis Internacionals
- Carla Ruiz, [ACCIÓ](#), EU funding opportunities for Research and Innovation projects
- Hedwige Verherbrugghen, [Pack4Food](#), Food packaging of the Future
- Jaume Castellà, [CD6 - UPC](#), CD6 - A photonics-based entrepreneurial ecosystem
- Robert McDougall, [Keltie LLP](#), Saving money and avoiding pitfalls with IP
- Viola Prifti, [HTW Berlin](#), Is there a link between intellectual property models and sustainable agriculture?
- Norbert Reichl, [Food Processing Initiative e.V.](#), Food Innovation – Funding For SME
- Mireia Robert, [Packaging Cluster](#), Internationalising Technologies for packaging sector - missions to Canada, China and USA
- Juha Purmonen, [Photonics Finland](#), FoodTechFinland

10.00-13.30 b2b meetings (in parallel)

13.30-15.30 Farewell cocktail lunch

Venue: [Restaurant Maritim](#), Moll d'Espanya, 4, 08039 Barcelona



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