



Webinar: Connecting the Spanish and Dutch integrated photonics ecosystems

Both the Netherlands and Spain are home to a highly innovative network of integrated photonics players, each with their own distinctive technological propositions. This webinar will give you an introduction to the technology and to the Dutch cluster and Spanish technology platform of organisations that are active in the field of integrated photonics.

DATE & TIME

29/06/2021 at 15:00 – 16:45 (CEST)

ENABLING DISCUSSIONS

The aim of this series of events is to familiarise organisations with integrated photonic technology and introduce them to organizations that are active throughout different levels of the supply-chain (e.g., chip design, fabrication, packaging as well as application-level). There will be room for discussion between participants and speakers through an interactive networking tool in order to stimulate collaboration.

WHO SHOULD JOIN?

Organizations active in the field of (integrated) photonics that are curious to learn about the Dutch and Spanish capabilities related to this field.

AGENDA

Time (CEST)	Topic	Speaker
15:00 – 15:05	Welcome & introduction	Elena Beletkaia - EPIC
15:05 – 15:15	Photonic integration testing: Closing the loop from fabricated to measured devices	Íñigo Artundo, CEO - VLC Photonics
15:15 – 15:25	Integrated Photonics Design needs, services and tools	Katarzyna Ławniczuk, VP Senior Photonics Engineer – Bright Photonics
15:25 – 15:35	Programmable Integrated Photonics a new paradigm for optical computing and signal processing	José Capmany, Co-founder and Chief Operations Officer - iPronics
15:35 – 15:45	Monolithic InP integration	Nazanin Shafiee, Business Development Manager – Smart Photonics
15:45 – 15:55	(Hybrid) PIC packaging and the volume scale up	Jeroen Duis, Chief Commercial Officer – PHIX Photonics Assembly
15:55 – 16:05	The 3D LightField Sensor: a breakthrough in LiDAR.	Eduardo Margallo, Chief Executive Officer - Ommatidia LiDAR



José Capmany, Co-founder and Chief Operations Officer – iPronics

José Capmany, COO of iPronics (www.ipronics.com), is Professor of Photonics at Universitat Politècnica de València (UPV), Spain and entrepreneur. With 30 years' experience in photonic devices and systems research and technology transfer and over 500 scientific publications he is a Fellow of IEEE and OSA. In 2011 he co-founded VLC Photonics a leading design house in integrated photonics acquired by Hitachi in 2020 and iPronics, Programmable Photonics in 2019. He has received the King James I Award in Novel Technologies in 2012 and the National Research Award in Engineering in 2021 (the highest Scientific Distinctions in Spain) for pioneering contributions in RF and programmable photonics. In 2016, he received a prestigious ERC Advanced Grant to develop programmable integrated photonic systems for RF-Photonic applications and in 2019 an ERC Proof of Concept Grant to bring the concept to market.



Nazanin Shafiee, Business Development Manager – Smart Photonics

Nazanin is the Business Development Manager at Smart Photonics BV, an InP pure-play foundry based in the Netherlands. She has dedicated her career to technology commercialization and product development. She holds a MSc. in Materials Chemistry and took part in a cohort of Science and Technology commercialization program in Beedie School of Business in Vancouver, Canada. She has worked on products and interfaced with clients in a broad range of industries throughout her career in her roles as Process Development and Integration Engineer to Head of Sales and Marketing. The range of industries she has interfaced with includes: medical (MEMS implants and surgical device manufacturing), space, telecom, datacom, automotive as well as agriculture



Jeroen Duis, Chief Commercial Officer – PHIX Photonics Assembly

Jeroen Duis received his bachelor's degree from the Technical University of Rijswijk in 2001. After his study he worked 16 years within TE Connectivity. Within the Fiber Optic Business Unit and corporate technology team he held several positions in engineering, research, technology scouting and management. During this time, he gained a broad experience in laser processing of glass fibers, WDM multiplexing, low loss optical interconnects, next generation photonic chip packaging for applications in mobile phones, automotive and high-speed computing applications. In March 2017 he accepted a position at SMART Photonics, a scale up in Indium Phosphide wafer manufacturing where he was responsible for the business development. November 2018, Jeroen accepted a position as Chief Commercial Officer at PHIX Photonics Assembly where he is responsible for the commercial activities and the strategic direction for the hybrid packaging. He is the author and co-author of several publications and holds 15 patent applications in the field of optical interconnection technology.



Eduardo Margallo, Chief Executive Officer - Ommatidia LiDAR

Eduardo has over 10 years' experience in the launch and management of photonics technology companies. Co-founder and former CEO and COO of MedLumics S.L., he led the company through two rounds of VC financing (€3.5M and €34M), the market launch of a class II medical device and initial human trials of an image guided catheter. Eduardo holds M.Sc. level degrees in Telecommunication Eng. from the Polytechnic University of Madrid, in Electrical Eng. from the University of Stuttgart and in Physics from UNED. He also has a PhD in Photonics from Delft University of Technology and an MBA from IE Business School and Brown University.