



Maybe you have to know the dark to appreciate the light.

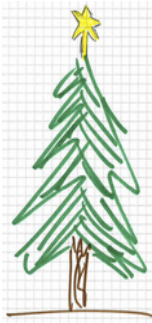
Madeleine L'Engle

CEO's Note

Dear Reader,

Well, another year has flown by, and although it is easy to despair under the weight of the seemingly never-ending global problems, that's why our winning of *Semiconductor Review's* top ten Award for our innovation and transforming business boundaries in 2022, rounds out a challenging yet successful year very nicely. And gives us even more motivation for 2023.

Although entirely understandable, worrying is the biggest waste of time, it has no positives to it, worrying about a problem has never solved it not in the entire history of mankind! Concerning yourself with a problem, is very different. It involves assessing it and developing a course of action, which may or may not work. This is the essence of the ethos of thinking in terms of solutions, rather than problems. We have all had plenty of the latter. So we at ESPROS have devoted ourselves to the solving. And find ourselves in excellent shape, as we head into 2023, with

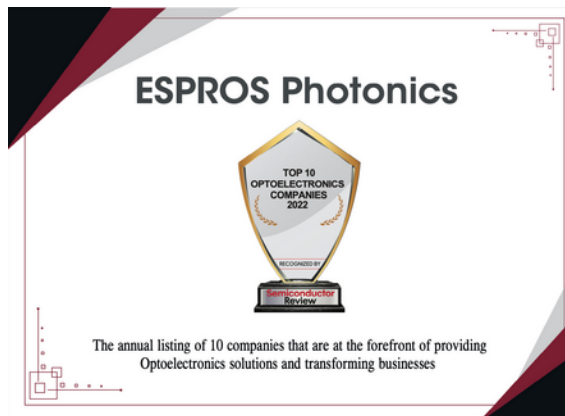


great optimism and motivation in our hearts. For this is the best way to equip ourselves for whatever highs or lows await us. The holiday season is a time to recharge our bodily batteries. And for those of us in the northern hemisphere to get plenty of refreshing winter air into our lungs. Clearing also the cobwebs of uncertainty from our minds.

To that end I wish all our readers, business partners, stakeholders a very enjoyable festive season with family and friends. It is exactly for these moments that we daily work. May 2023 bring us all we hope for and more. To all our customers and partners, and I extend my sincerest gratitude for your continued support, and trust in the quality of our boundary-breaking solutions. And last but not least, a BIG THANK YOU to all ESPROS teammates. You finally made it happen.

Beat De Coi

ESPROS wins top award for 2022 performance



ESPROS Photonics has been voted one of the top ten optoelectronic companies by [Semiconductor Review](#) for leading the way in 2022 in providing optoelectronic solutions and transforming businesses.

This important recognition, comes as ESPROS marks of more than 15 years of commitment to the semiconductor industry.

In announcing the award, Semiconductor Review, notes: "conventional CMOS or CCD manufacturing processes and designs lack robustness against typical environmental conditions like background light, moving objects, and significant variations in target reflectivity. ESPROS Photonics has developed a backside-illuminated imager that merges CCD and

CMOS technology while improving near-infrared optical performance and quantum efficiency."

And further: "ESPROS' novel technology provides highly efficient ambient light suppression capacity, NIR quantum efficiency of over 70 percent at 905 nm, and CCDs with a clock speed of more than 250MHz, combined with powerful mixed-signal CMOS in a cost-effective package."

This also means increased competitiveness of the final solution and ease of implementation for customers, thanks to the integration of CMOS and CCD technology. ESPROS Photonics' proprietary [OHC15L](#) technology offers it all.



Another main driver of ESPROS success, is its capacity to fasten time-to-market process. As Uly Grisette, Managing Director North America, states: "A key aspect to our growth, as a custom ASIC chip manufacturer and 3D TOF module designer, is our hands-on approach in quickly helping clients analyze an application. We offer proven engineering solu-

tions including off the shelf reference design 3D modules that speedup one's time to market."

Argentina Kaba, Production Assistant

What is your job at ESPROS?

I'm a production assistant.

How long have you been working at ESPROS?

Since March 2021.

What do you most enjoy about your job?

I love the variety of challenges it bring with it, I operate the shear test, alongside mounting, visually, endtest and packaging. I love working with the different tools and processes and I'm part of a really great team.

Where are you from originally and where do you now live?

I'm an Albanian from North Macedonia and I've been living in Switzerland since 1991. I live in Sevelen and I really love it here in the wide Rhine valley, which is very handy for getting to work in Sargans. The surroundings are so beautiful and I work in a great place too. So I feel very lucky all round.

What do you like to do in your spare time?

I enjoy walking, going to the cinema, as well as reading and doing activities with my family.



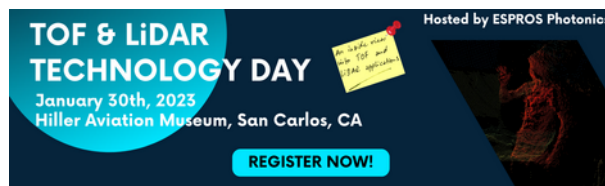
Sign up for TOF & LiDAR Technology Day, 30th Jan. in San Carlos

The TOF & LiDAR Technology Day — Powered by ESPROS, is carefully aimed at giving engineers and designers a very valuable hands-on, informative dive into the huge potential of TOF and LiDAR applications and eco-systems.

Participants are assured of an eye-opening immersion into the ever expanding world of Time-of-Flight and LiDAR. Thanks to the experience and quality of expert speakers who will be on hand to guide and inform everyone taking part, these comprise: Danny Kent, PhD, Co-Founder & President, Mechaspin, alongside Beat De Coi, CEO & Founder of ESPROS Photonics AG, and Len Cech, Executive Director, Safety Innovations at Joyson Safety Systems as well as Kurt Brendley, COO & Co-Founder, PreAct, among others.

The TOF & LiDAR Technology Day event takes place on January 30th, 2023 in San Carlos California USA.

Detailed information and registration you will find [here](#).



Visit ESPROS at SPIE Photonics West 2023

January is coming and that means Photonics West in San Francisco is just around the corner. ESPROS will once again be exhibiting at the world's premier lasers and optoelectronics event. Visit our booth (No. 4137) to see our TOFcam-660 in action as part of Orion's DoorGuard™ security tailgating solution. DoorGuard™ is powered by ESPROS' TOFcam-660 technology to check that every single individual passing the entry point has presented an authorized badge. If one badge is scanned and more than one person enters, DoorGuard™ will automatically alert security of a tailgate. This has solved a major security issue for secure entrance monitoring.

Security Tailgating takes advantage of human nature to expose your organization to unimaginable danger and thwarts all other the security measures your company has in place.

Orion has just been granted a patent for this boundary-breaking sensor.

The event begins in San Francisco on January 31st, the day after our Technology Day.



You want to purchase our products?
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