

Playing a wrong note is not bad. But playing without passion is unforgivable.

Ludwig van Beethoven

CEO's Note

Dear Reader,

Music is a great domain. It combines everything from technique, teamwork, culture, soul, spirit, challenge, art, etc. As an active musician, I like very much to play together with my friends. We all push ourselves to become better, to play the songs as perfect as possible. Most of the time it's fun to practice alone at home. Sometimes it's just hard work. Repeating the same phrase or sequence ten times, twenty time or even more in order to train automatism. To make the left hand independent from the right hand, to adjust the breathing perfectly to the phrase, etc. That's an important basis for the play in the band. However, the real fun playing in the band comes, when it starts grooving. It's a spike which triggers a good feeling



When it starts groovin'

of the musicians and the audience. Things come into a flow. This is the point where the endless practicing pays back. As a musician, you can then start varying your timbre, your timing or your intonation so the song becomes very personal, very dedicated to the moment.

What has this all to do with our work? Simple: Passion is the most important thing to achieve something outstanding. Well, good technique, which has been practiced over and over in a hard time, is a must. But without passion to the work, only limited success can be expected.

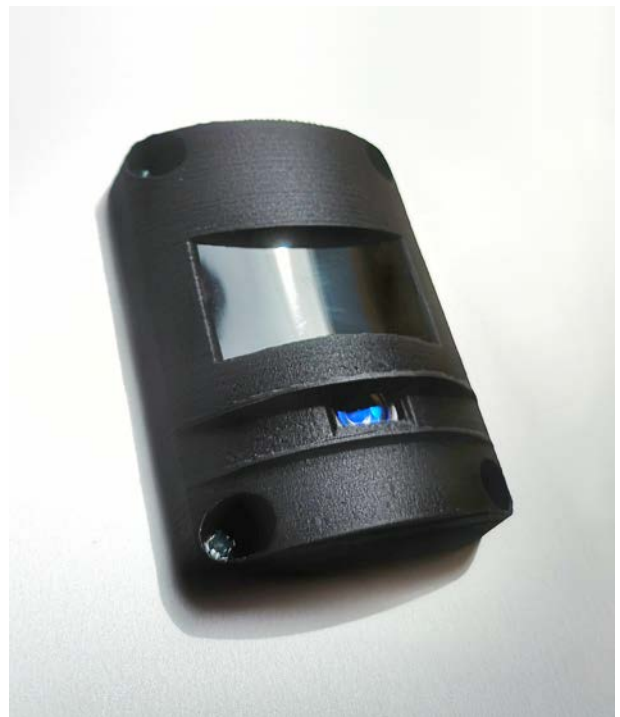
Beat De Coi

ESPROS' new TOFcam-635-S

With their new time of flight camera TOFcam-635-S ESPROS Photonics Corporation fills one more gap in their products range of epc6xy based modules. With integrated 850nm illumination and an ultra small lens, the epc635 TOF imager chip result in a 125 x 45° gray scale field of view and a 125 x 15° 3D image up to a 5m distance range.

With only 45 x 57 x 25mm the TOFcam-635-S is the most compact sensor in its class. An integrated relay output allows direct on/off control of any motor driven units such as doors or robots. NO/NC output, UART and micro USB interfaces as well as free processor capacity for embedded software ensure maximum flexibility for the implementation of any applications. With the outstanding quantum efficiency of the epc6xy family the TOFcam-635-S guarantees best robustness even at strong ambient light conditions.

For more information please contact our sales team!



Interview with Ralf Potztal; Hardware and Software Engineer

What are your responsibilities at ESPROS?

Setting up hard- and software for evaluation, characterization and qualification of our products. Building and maintaining optical endtests for production. Analyzing test data for yield improvement.

How long are you working for ESPROS?

I'm here since 10 years. This year is my anniversary.

Where are you coming from and how many years you are living in Switzerland and why you like it?

My origins are in Bad Ragaz, a small village next 10 minutes away from ESPROS.

I love my country because of the Mountains. And because we have an educational system, that allows you to choose your way, pretty much independent of family background, social position, skin color, wealth, whatever. And because our political system is so unspectacular, that it starts to get boring ;-)

What do you like in your job and working for ESPROS?

Building test systems means that the bill of material doesn't really matter. We can really build nicely

crafted hard- and software using high end components.

Our team is located in between chip design and application, so we have a nice overview what's going on from the first idea up to a final camera product.

Can you tell us about your hobbies?

My biggest passion are the mountains. So I do everything related to them: ski touring, cross-country skiing, climbing, mountaineering, hiking.



'Everything I learned is directly applicable': TOF Developer Conference comes to successful conclusion

Yet another TOF Developer Conference came to a successful conclusion recently in San Francisco.

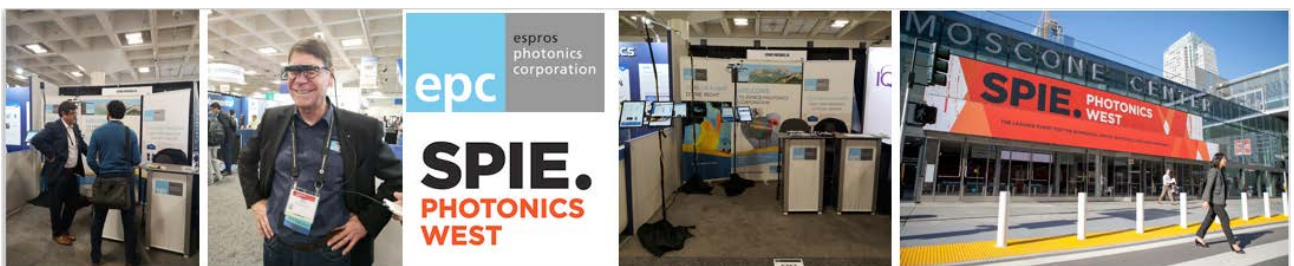
The developer conference received great reviews from the 17 engineers who participated. 'I learned from a system perspective how a TOF sensor works. It is an ideal course for people with a basic understanding of TOF sensors', remarked a senior test engineer, following the conference. 'I learned the calibration is more important than I expected; with this knowledge, I can avoid further mistakes in my system', noted a senior engineer. 'The really great thing is virtually everything I learned is directly applicable', commented another senior engineer. ESPROS Photonics founder and CEO, Beat de Coi stated: 'This last comment is music to my ears. Because TOF technology has so much potential and so many application possibilities, with our developer conference, our mission, is to make participants aware of how to best implement, this potential in a practical and efficient way.



TOF Developer Conference 2020 in San Francisco

And I believe, we have yet again succeeded in doing so'.

Impressions SPIE Photonics West 2020



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