

**Joy is the simplest form of gratitude.**

*Karl Barth*

## CEO's Note

Dear Reader,

Christmas time is kind of a milestone in the year to have a look back to the almost past year. I would like to do it this time in a different way typically entrepreneurs do it. First of all, those which are healthy have to be very thankful. I'm very happy and thankful that my family and I enjoy excellent health. What a fantastic gift from nature. Or maybe from our Lord?



Source: [www.onedollarglasses.org](http://www.onedollarglasses.org)

Anyhow, I'm very happy and thankful that I can enjoy life in a nice, healthy, prosperous, friendly and also beautiful environment. Not everybody can

say this and I just wanted to remember to all people outthere which need help, support and love.

I'm dedicating some of my time with my friends of a service club here in Switzerland. We support inter alia, people, which are too poor to afford glasses. We support them with a project called "One Dollar Glasses" ([www.onedollarglasses.org](http://www.onedollarglasses.org)). Have a look to the website of this tremendous project. It's incredible, what can be done just based by extremely creative thinking to help the poor. The glasses are made by the local people for themselves with simple tools and lowest cost material. Have a look to the picture of the happy child on the left. The glasses are not simply cheap, they also look very nice. And see the joy in the face of the child. That's his or her gratitude to this wonderful gift.

Doing good things and talk about it. That's my motto for 2020. Not only by supporting the poor. Also empowering people which have excellent skills but need to support to enable them.

Beat De Coi

PS: You can also donate to the «One Dollar Glasses project online. I highly recommend it...

## ESPROS agrees global distribution partnership with Digi-Key

ESPROS and Digi-Key Electronics, have agreed a global distribution partnership for electronic components. The deal means Digi-Key will offer a wide range of ESPROS semiconductor chips and 3D-TOF-camera modules on its Internet platform. Thereby, further increasing the availability of ESPROS products.

ESPROS Photonics as a leading manufacturer of imager chips for Time-of-Flight (TOF) and other applications, requiring the fastest speeds and highest sensitivity. It includes for example 3D-TOF-camera chips, LiDAR-Imager chips, line imagers, photo diodes and photo diode arrays. The hallmarks of these products are a very high quantum efficiency (QE) and very fast speed. The monolithic combination of CCD structures with CMOS circuitry on a substrate enable the design of optical systems, which completely suppress Common-Mode charge created by ambient light. ESPROS' range of products include ROS-compatible 3D-TOF cameras with a wide operating range from several centimeters all the way up to 50m.

We are extremely enthusiastic about our global partnership with Digi-Key", says Beat De Coi, CEO

of ESPROS Photonics AG. "Digi-Key, has an unparalleled reputation combined with a very strong presence in the market, from which our customers benefit. This cooperation is a key component of our strategy for growth".

**Check out the products on Digi-Key, now!**

Compare Parts	Image	Digi-Key Part Number	Manufacturer Part Number	Manufacturer	Description
<input type="checkbox"/>		<a href="#">2199-TOP&gt;FRAME611-ND</a>	<a href="#">TOP&gt;FRAME 611</a>	ESPROS Photonics AG	MOD TIME OF FLIGHT 3M
<input type="checkbox"/>		<a href="#">2199-TOP&gt;RANGE611-ND</a>	<a href="#">TOP&gt;RANGE 611</a>	ESPROS Photonics AG	MOD TIME OF FLIGHT 15M
<input type="checkbox"/>		<a href="#">2199-TOP&gt;CAM635-ND</a>	<a href="#">TOP&gt;CAM 635</a>	ESPROS Photonics AG	MOD TIME OF FLIGHT
<input type="checkbox"/>		<a href="#">2199-EPC611-CSP24-001TR-ND</a>	<a href="#">EPC611-CSP24-001</a>	ESPROS Photonics AG	IC TIME-OF-FLIGHT
<input type="checkbox"/>		<a href="#">2199-EPC611-CSP24-001CT-ND</a>	<a href="#">EPC611-CSP24-001</a>	ESPROS Photonics AG	IC TIME-OF-FLIGHT
<input type="checkbox"/>		<a href="#">2199-EPC611-CSP24-001DKR-ND</a>	<a href="#">EPC611-CSP24-001</a>	ESPROS Photonics AG	IC TIME-OF-FLIGHT
<input type="checkbox"/>		<a href="#">2199-EPC635-CSP44-002TR-ND</a>	<a href="#">EPC635-CSP44-002</a>	ESPROS Photonics AG	IC TOF IMAGER 160X60

<https://www.digikey.com/products/en/sensors-transducers/image-sensors-camera/532?FV=-1|2199>

## Ulrich Hotz (Nickname: Ueli), VP Business Unit Modules

Ueli joined ESPROS this year in January and he is responsible for the «Modules» business unit. His job is to manage customer projects to successfully design a TOF camera module. He likes the teamwork at ESPROS. In order to manage the customers projects, the whole team work closely together and support each other. The business of TOF technology is very interesting and offers challenges every day. «That's what makes the job so interesting», he said. Ueli is originally from Zurich and there he lives with his family. But during the week, he stays in Lenzerheide, a nice area of the Kanton Grison. Its closer to the office and Lenzerheide is famous for biking in summer and skiing in the wintertime.

If Ueli is not working he, likes skiing and hiking. But his real passion is riding motorbikes. Together with his wife Andrea, they enjoy doing longer rides on their Harley in the Swiss, Austrian, Italian and French mountains. And from time to time, this passion also takes them to the US! For Ueli, riding his bike is one of the best ways to relax from the daily business and enjoy life.



*Ueli, Andrea and his Harley*

## ESPROS at Photonics West 2020 in San Francisco

SPIE Photonics West — The world's largest photonics technologies event, consisting of three conferences and two world-class exhibitions takes place again on 1 February – 6 February 2020 in the Moscone Center San Francisco.

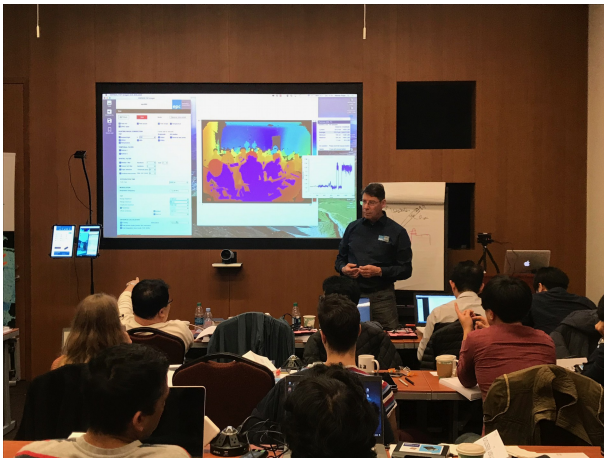
**SPIE. PHOTONICS  
WEST**

We are looking forward to your visit at our **booth 5353!** See our latest products and technologies:

- TOFcam-635-MF-NF-850
- TOFcam-660-NF-940
- TOFcam-660-WF-940

## TOF Developer Conference in San Francisco

Due to the high demand and excellent feedback, we decided to continue our TOF Developer Conference. Running from January 28th– 30th, 2020, ESPROS invites you to the next TOF Developer Conference in San Francisco.



Over the past four conferences, we have trained more than 130 engineers to successfully design TOF camera systems. The participants of the TOF

Developer Conference learn how important it is to have a deep understanding of underlying optical physics, a behavioral model of the imager used, the effects of good or bad lenses, an excellent understanding of the artifacts, to do a successful design of a TOF camera. With a mix of theoretical background, guidelines to working implementations based on examples and practical work, the lecture gives a very good overview of how to improve the challenging knowledge about TOF systems. For more information and registration please click [here!](#)

Note: Our TOF Developer Conference in San Francisco is one week before the Photonics West 2020. A fantastic opportunity to combine both events!

Also save the date for the *TOF Developer Conference in Korea, from February 25 – 27 in Seoul.*

 **TOF**  
Developer Conference

**++ Be part of our team and click here for our current job opportunities ++**