

## Baltic Photonics MedLife B2B event held

The Baltic Photonics MedLife event continued the tradition of joining the photonics sector entrepreneurs and photonics researchers all over the Baltic states into one single one-day event, where likeminded people could discuss their new photonics developments and look for new partnerships. The “Baltic Photonics” event has been held since 2018 and this year it was the first time when a more specific topic was chosen for presentations and discussions: the topic of medical and life science applications. In 2021 the event was organized as an online event with the main organizer Visoriai Information Technology Park creating a smooth live broadcast experience for viewers all over the world.



Figure 1. Baltic Photonics Medlife banner.

Although the virtual event has the drawback of creating less long-term business relationships compared to on-site event, it does have the benefit of attracting presenters all over the world, this time from more than 8 countries. As the “Baltic Photonics” event aligns well with Baltic Photonics Cluster mission of promoting photonics in the Baltic states, the BPC will continue supporting this tradition also in the next years.

## New Chairman of BPC elected

In July 2021, a new chairman of BPC was elected and it is Andris Anspoks representing Institute of Solid State Physics, University of Latvia. The Chairman role was chosen to stay in Latvia to increase the chances of getting BPC involved in international projects and to reduce the accounting issues due to BPC being legally a Latvian entity. Ott Rebane and Tadas Lipinskas continue as Vice-Chairmen for Estonia and Lithuania, respectively. The BPC strategy will continue to focus on promotion of photonics in all 3 Baltic States.

## New products or services

1. IKO Science received a metrological expertise [result](#) for their BD 500 biodetector – lightest particle detectable: 9 kDa.
2. LDI Innovation was chosen among the [top 10](#) sensor technology solution companies in Europe 2021 by Applied Technology Review.
3. Ekspla has [published](#) an application note about their sum frequency generation spectrometer.



Figure 2. FemtoLux 30 femtosecond laser by Ekspla.

4. Ekspla has started manufacturing a new femtosecond industrial laser FemtoLux 30, which can work 24/7/365 without interruption.
5. Ekspla’s Photosonus M+ was [introduced](#) in latest issue of “Review of scientific instruments” – it is a tunable wavelength laser system, developed specifically for photoacoustic imaging applications.
6. Workshop of Photonics, together with Ekspla, has [developed](#) a solution to solve beam depolarization issue, which is an optical element that compensates distortion of original polarization in the gain medium of lasers.
7. Eksma Optics announces a) a new fixed ratio beam expanders for high power lasers; b) a new compact and high extinction ratio, laser power attenuators for linearly polarized beams and c) new electro-optics & electronics products catalogue.



Figure 3. New AL-Fibers from CeramOptec.

8. CeramOptec [announces](#) new AL-Fibers that are provided with a hermetically sealed metal coating made of aluminum and are thus protected against the penetration of liquids and gases. They are suitable for operating temperatures between -196°C and +400°C.

## Other info

1. Optogama is [looking](#) to hire a Physicist-Engineer into their ranks.
2. The company [Lightguide](#) (previously LightGuideOptics) has gained a new visual appearance.