

Activities of BPC

Baltic Photonics Cluster and its activities were presented at the Northern Optics & Photonics Conference in Lund on the 14th of September. The photonics clusters around the Baltic Sea called for member companies to join the Photonics21 platform to influence policies. Also, better mappings of the local industry as well as tighter cooperation with each other were called for in the Nordic and Baltic workgroup meeting in Lund. The next Northern Optics and Photonics conference will take place in 2021 in Riga.



Fig 1. Group photo of NOP2018 conference attendees.

Plans for 2018-2019

1. In October 2018, there will be a project matchmaking event together with Lithuanian Laser Association and relevant government agencies. Dates: 17.10.-18.10.2018. The aim is to invite relevant foreign partners, indicated by for a proper 2-day matchmaking set of activities.
2. During the year BPC board members will visit some members to discuss common problems, interests and plans.
3. Spring 2019 Riga photonics science event needs discussion.

New products or services

1. Eksma Optics has [announced](#) that their current lens production facility enables precision CNC polished lenses, offering high flexibility in manufacturing small batches of custom spherical or aspherical lenses and can also apply proper coatings.
2. Ekspla has [opened](#) a representative office in the UK, Lincolnshire.
3. HEE Photonic Lab just designed optical system for multispectral (range: 400 nm – 1600 nm) video surveillance camera for high resolution long distance surveillance: optical resolution round better than the other SWIR camera vendors provide; high

optical resolution over all image field, not only at the centre of the image; high optical power over all spectral range (usually much less at SWIR range) providing real low light performance; optical system giving one picture in real time, without complicated integration of two separate visible and SWIR images; small weight and size.



Figure 1. HEE Photonic Labs SWIR camera prototype.

Other info / events

1. Future event: on June 24 – 27, 2019 the Laser World of Photonics 2019 [event](#) in Munich will take place. BPC is considering joining some members under one BPC booth.