MEDIA ADVISORY **April 13, 2026**

Excelitas to Highlight Advanced Lens and Camera Technologies for Laser Material Processing and Imaging at AKL 2026

WHO: Excelitas®, a leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor and avionics end markets, will showcase its wide range of LINOS® lens and PCO® camera solutions designed to enhance laser material processing and high-throughput imaging applications at AKL 2026.

WHAT: Excelitas experts will demonstrate the following featured products at Booth #37:

- **LINOS d.fine HR-M Lenses**: Designed for machine vision and industrial applications, the d.fine HR-M series delivers ultra-precision imaging performance across large field of views. By offering ultra-fine resolution to the corners of the field of view, these lenses ensure consistent imaging performance across full format sensors and long-line 16K format sensors with pixel sizes down to 2.5 um. The d.fine HR-M series is the only solution in the market that simultaneously offers both a near version and an adaptable mount system that can be used with almost any industrial camera.
- **LINOS F-Theta-Ronar Lenses**: Excelitas' extensive line of LINOS F-Theta-Ronar Lenses range from the ultra-violet up to the short-infrared wavelength (340-2000 nm) for laser material processing including high-power, short-pulse as well ultra-short-pulse applications. LINOS F-Theta-Ronar Lenses are utilized for welding, fine cutting, additive manufacturing, laser cleaning, drilling, trimming, marking and many more laser applications.
- **LINOS Variable Magnification Beam Expanders**: Excelitas offers an array of precision beam-forming optics for demanding laser material processing applications, available in both manual and motorized configurations. The LINOS Variable Beam Expander portfolio enables manufacturers to dynamically optimize focus diameter, beam position and propagation characteristics. Constructed from fused silica and/or optical glass, these expanders are optimized for use with LINOS F-Theta-Ronar Lenses, providing flexible solutions across varying beam diameters and divergence requirements.
- **pco.dimax cs4 High-Speed Camera**: An ideal solution for precise image analysis and measurements, the pco.dimax cs4 High-Speed Camera provides excellent light sensitivity, outstanding image quality and exceptional color rendering. With fast frame rates of up to 1102 fps at a high-resolution of 2016 x 2016 pixels, the camera features intuitive control software that enables easy playback and export of recorded slow motion video sequences. It features multiple lens mounts (including electronic lens control), HD-SDI video output and automatic image calibration, which make the pco.dimax cs4 a versatile and powerful solution for demanding car safety and avionics applications.

WHEN: April 22 – 24, 2026

WHERE: Excelitas Booth #37
Eurogress Conference Center, Aachen, Germany

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About Excelitas
Excelitas is a leading provider of advanced, life-enriching technologies that make a difference, serving global market leaders in the life sciences, advanced industrial, next-generation semiconductor and avionics end markets. Headquartered in Pittsburgh, PA, USA, Excelitas is an essential partner in the design, development and manufacture of advanced technologies, offering leading-edge innovation in sensing, detection, imaging, optics and specialty illumination for customers worldwide. Excelitas is at the forefront of addressing many of the relevant megatrends impacting the world today, including precision medicine, industrial automation, artificial intelligence and connected devices (IoT).

Connect with Excelitas on LinkedIn, Facebook, X and Instagram, or visit our website at www.excelitas.com for more information.

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