



## Global POWERPLAY in OPTICAL COATINGS and SOLUTIONS



### Upcoming Events

#### Laser World of Photonics, Munich, June 27 - 30

Visit us at Laser World of Photonics in Munich! The 26th International Trade Fair and Congress for Optical Technologies – Components, Systems and Applications. We have the pleasure of welcoming you to our Materion Balzers Optics booth # 311 in Hall B1. We look forward to welcoming you as our guest.

[Learn more](#)



#### Laser World of Photonics, China, July 11 - 13

LASER World of PHOTONICS CHINA is Asia's leading photonics exhibition. The event is collocated with productronica China and Vision China at the National Exhibition and Convention Center (NECC) in Shanghai. Come to our Materion Balzers Optics booth (6.1E419) and meet our experts. [Learn more](#)



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### Presentations at Laser World of Photonics Munich

"CupLids - Fine Leak Hermetic Packages for Optoelectronic" by Reto Keller, Product Manager Balzers, on June 27 2023 at 11:20 am @ Forum Lasers and Optics (Hall A2)

"Recent developments in low loss, highly reflective UV mirrors" by Dr. Isabell Götz, Product Manager Jena, on June 28 2023 at 11:40 am @ Forum Laser Materials Processing (Hall B3)

"High-End Optical Filters: Cost Drivers vs. Functionality" by Dr. Stefan Glied, Product Manager Jena, on June 29 2023 at 2:00 pm @ Forum Biophotonics & Medical Applications (Hall B2)



[More Presentations](#)

## EPIC Event - Photonics for AR / VR / MR

EPIC (European Photonic Industry Consortium) recently organized an exciting conference from May 10-12, 2023, focusing on "Photonics for AR/VR/MR: from Design to System Integration and Mass Production."

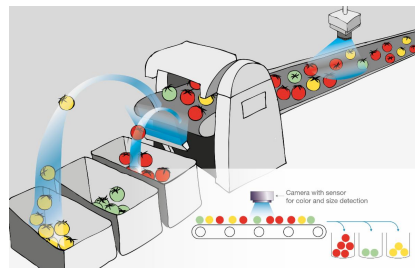
The conference critically reviewed emerging technologies for AR/VR applications and provided insights into manufacturing processes. Participants had the opportunity to visit specialized optical technology companies, including Materion Balzers Optics in Germany. Materion Balzers Optics showcased its expertise in thin optical coatings and highlighted its [capabilities](#) in producing optical components for the consumer sector, such as prisms and beam splitters. A guided tour of Materion Balzers Optics' production facility offered a comprehensive overview of their capabilities. [Learn more](#)



## Hyperspectral Imaging

### Food sorting

Hyperspectral imaging (HSI) allows to collect images from the same spatial area but with thousands of different wavelengths. According to the quality of the optical system and the chosen wavelength range, a high amount of data are acquired. With each wavelength a unique information is collected. Materion Balzers Optics is a manufacturer of thin film coated optical filters, especially suited to the HSI application. Independent of handheld device system, cameras mounted on drones or via a low orbit space vehicle, the quality of the collected data are based on the quality of the optical components are used. [Learn more](#)



[More Applications](#)

