



Upcoming Events

W3+Fair, Dornbirn, Austria – Sept 22-23, 2021

This convention brings together the key technologies of optics, photonics, electronics and mechanics at a trade fair for the second time. John Freiermuth, Chief Business Development Officer & Head of Customer Projects, will present the talk " Photonics enabled by COVID-19" at the conference "N-Tec Talks" during the W3+ fair. [Learn more.](#)



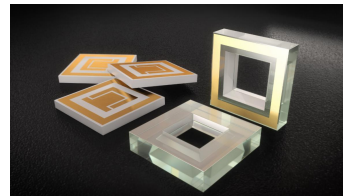
VISION, Stuttgart, Germany – Oct 5-7, 2021 Experience the latest products, technologies and trend themes of machine vision such as embedded vision, hyperspectral imaging and deep learning! Come visit our new Materion Balzers Optics booth and discover the unique solutions and the wide variety of applications that optical components allow. [Learn more.](#)



We are the go-to optics company shaping the century of the photon

Product Spotlight CupLid Cavity Windows

For miniaturized packaging of photonic chips, including photodetectors, laser diodes, LEDs and MEMS mirrors, we have developed CupLid Cavity Windows, a space-saving surface-mount photonic package. They are available with various anti-reflective or filter coatings and can be shipped fully-furnished with tack-welded solder preforms for easy handling and assembly.



[Product Page](#)

Applications:

- [Scanning LiDAR and Solid-State LiDAR](#)
- [Laser Beam Scanning \(LBS\) Displays](#)

EPIC New Product Release

Join EPIC (European Photonics Industry Consortium) live stream product launch which will include Materion's Reto Keller, Business Development Manager at Balzers Optics who will talk about our CupLids – Fine Leak Hermetic Packages for Optoelectronics.



[Sign up for a reminder today](#)

MINDS OVER MATERIALS PODCAST Targeting 5G and IoT

TARGETING 5G AND IoT
Episode 3 | June 2021

Meet Our Experts

David VanHeerden, PhD
Applications & Materials
Engineering Manager

Jeff Hart
Product Line Director

As the Internet of Things (IoT) and 5G become a reality to provide faster speeds and more data for a virtually connected life, a staggering amount of bandwidth is going to be needed to support them.

This episode we takes a look at Materion's Scandium doped Aluminum Nitride – the material that is partly responsible for manufacturing the new 5G cellular network, futuristic sensors and communication for the IoT.

[SUSCRIBE HERE](#)

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Local STEM activities supported in Liechtenstein and Jena

We are proud to support these **two valuable initiatives.**

PepperMINT, the experimental laboratory in Liechtenstein, is intended to awaken the joy of discovering, inventing and experiencing "smart technology" and to offer young people the chance to experience STEM in a practical and up-close way in an ever faster-changing world. It is available from kindergarten to high school, initially during class time, later also as a leisure offer.



Wir unterstützen das
From September 14-16, 2021, the 2nd MINT Festival Jena will take place. It is a science festival around the STEM disciplines mathematics, computer science, natural sciences and technology for students of all ages. Participation in the MINT-Festival Jena is free of charge.

