



## Laser World of Photonics

Visit us at the **PHOTONICS trade fair in Munich from June 22-25 at booth B1.305.**

Discover unique solutions and the wide variety of applications for optical coatings and components. We are looking forward to welcoming you as our guest.

### Highlights

- Product presentations for the markets Laser & Space, Biophotonics, Automotive and Sensors & Imaging
- Gesture Control Action Center



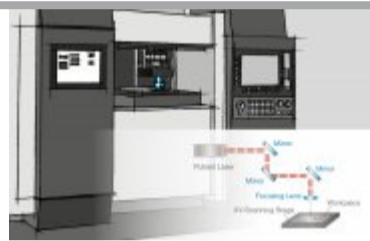
### Guest Tickets

Do you need a free guest ticket? Please do not hesitate to contact [media@opticsbalzers.com](mailto:media@opticsbalzers.com)

[more information](#)

## Laser: New Coating Technologies

Optics Balzers is developing and producing high reflective mirrors and beam steering components for the field of laser based material processing, laser micro machining and similar production tools. Ultra short pulse laser mirrors for the nano- and femto-second pulses range, Chirped mirrors and as well ultra broad band high reflective laser mirrors with  $R > 99\%$  @ 320-2000nm can be supplied in customized versions.



New coating technologies allow to produce optical components with a unique optical performance, with a long term stability and of course a high level of laser damage threshold value.

[more information](#)

## Head of Business Development

We are happy to introduce our new Head of Business Development:

Dr. Marcus Frank  
[marcus.frank@opticsbalzers.com](mailto:marcus.frank@opticsbalzers.com)

"We are looking forward to teaming up with you, our key customers, in order to discover innovative products, develop optical solutions and enter new markets with the help of our dedicated experts, top-notch coating technology and your valuable involvement. Feel free to contact us to discuss our future partnership in the exciting field of optics and photonics."



## Poster Presentation

At the 4th International Conference on Bio-Sensing Technology in Lisboa, Portugal, Denis Dorokhin presented his poster on **"Fabrication of 3D Microfluidic Chips via Direct Glass-to-Glass Bonding."**

A simple and robust direct glass-to-glass (G2G) bonding technology is essential for many applications ranging from the fabrication of microfluidic chips for biomedical and chemical analysis to the manufacturing of high precision optical components and glass assemblies. Recently we have developed a direct G2G bonding method for fabrication of microfluidic chips...



[read abstract](#)

## Review Grand Opening and Open House Day

On Friday, May 8, 2015 the CEO of Optics Balzers Jena GmbH, Stefan Jakobs welcomed Partners and invited guests, including S.D. Prince Stefan of Liechtenstein, Ambassador of the Principality of Liechtenstein to Germany, Markus Hoppe, State Secretary of the Thuringian Ministry of Economy, Science and Digital Society, and Olaf Möller, State Secretary of the Thuringian Ministry of Environment, Energy and Conservation, to the grand opening of the new building at Jena21 technology park.



On Saturday, May 9, 2015, our company presented itself to the public and offered an insight into the daily work of Optics Balzers Jena GmbH.

[impressions](#)

read [press release](#)

## Augmented Reality / Projection Display / Gesture Recognition

### New Datasheet available

Optics Balzers understands the tight budget of lumens, weight and size, when it comes to optical systems for wearable devices. Therefore, we have developed technologies to miniaturize the Polarizing Beamsplitter (PBS) without compromising its excellent light throughput characteristics. Chamfer-free manufacturing and our edge-to-edge coating procedure reduce the non-functional area to zero. And the improved utilization of substrate surface enables smaller component design. As an option, patterned or uniform black chrome coating may be added to eliminate unwanted stray-light.



[read datasheet](#)

[more information](#)

## Our next Event

### SPIE Optical Design, Jena - Lecture and Booth

Visit us at SPIE Optical Design in Jena from September 7 - 10, 2015 and meet with our expert for some specific advice or listen to the lecture by Jan Brossmann about "Low scattering filter coatings made by plasma-assisted reactive magnetron sputtering."

[more information](#)

Further information regarding our attendance of trade fairs will be posted regularly at [www.opticsbalzers.com/event](http://www.opticsbalzers.com/event).

Take a look!

## News from Marketing

The following datasheet is available now:

### Datasheet

- [OBA-057-PE Augmented Reality / Projection Display / Gesture Recognition](#)