

## Registration

### Registration by QR Code



### Online Registration

With my registration I accept the terms and conditions of Photonics Hub GmbH (available at [www.photonics-hub.de/kontakt/agb](http://www.photonics-hub.de/kontakt/agb))

Note According to Art. 6 GDPR (EU General Data Protection Regulation) we inform you about the electronic storage of your data and the processing in the automatic procedure.

## Participation fee

Members of Optence e. V. and Kunststoff-Institut Lüdenscheid **640 €**  
(+ 19% VAT, corr. 761,60 € gross)

Non Members **790 €**  
(+ 19% VAT, corr. 940,10 € gross)

Included are lunch, coffee-break, beverages, dinner on June 03rd.

After registration you will get a confirmation. According to the terms and conditions cancellations are possible until 21 days before the start of the course. For later cancellations we will charge the full amount of the participation fee.

## Venue

DEMCON focal  
Institutenweg 40  
7521 PK Ensched; NL



**Photonics  
HUB**

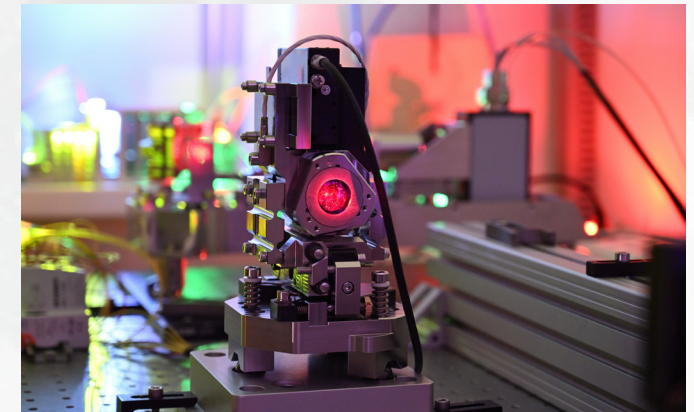
Photonics Hub GmbH  
Wilhelm-Theodor-Römheld-Str. 22  
55130 Mainz  
Tel.: +49 6131-698-2871  
Fax: +49 6131-698-2873  
[info@photonics-hub.de](mailto:info@photonics-hub.de)  
[www.photonics-hub.de](http://www.photonics-hub.de)

**Photonics  
HUB**

## Photonics Hub Symposium

## Optomechatronics

June, 03rd/04th, 2025  
in Enschede (NL)



Quelle: DEMCON focal

in cooperation with



# Optomechatronics

Optomechatronics is a vital competence across various industries, thanks to its unique blend of optical technology, precision mechanics, and electronics. This multidisciplinary field paves the way for the creation of highly accurate and stable systems, which are indispensable in the semiconductor industry, aerospace, medical technology, and smart manufacturing.

During this two-day event, held in cooperation with DEMCON focal, will be highlighting the contributions of optomechatronics to the semiconductor industry, life sciences and health, defense and security, and space.

Special attention will be given to system engineering, which plays a crucial role in integrating electronics, mechanics and optics to create well-functioning systems

<https://focal.demcon.com/>

As part of the symposium, there will also be a small industry exhibition of the speakers.

## Program June 03rd, 2025

- 16:00 Arrival at DEMCON
- 16:30 Welcome  
*Albert Borreman, DEMCON focal*
- 16:45 Company tour DEMCON
- 19:00 Networking-Dinner at U Parkhotel, De Veldmaat 8, 7522 NM Enschede  
(included in the registration fee)

## Program June 04th, 2025

- 08:30 Arrival
- 09:00 Welcome,  
*Albert Borreman, DEMCON focal;  
Benedikt Höing, Demcon Germany;  
Tobias Kammans, Photonics Hub GmbH*
- 09:15 Optomechatronic in semicon,  
*tbd. , tbd.*
- 09:40 Laser Communication enabled by  
Optomechatronics,  
*Will Crowcombe, FSO Instruments*
- 10:05 Optomechatronic in old space,,  
*Wouter Jonker, TNO*
- 10:30 **Coffee break**
- 11:00 Optomechatronic in life science and  
health,  
*Jürgen Schnekenburger, BMTZ  
(Biomedical Technology Cente)*
- 11:25 Improving Ultrashort Pulse Laser  
Micromachining Accuracy using  
Optomechatronic (Sensor) Systems,  
*Max Groenendijk, Lightmotif B.V.*
- 11:50 Exosens reveals the invisible for  
LifeScience, health, industrial control  
and Science,  
*Emilie Kernen, Exosens*
- 12:15 **Lunch break**
- 13:15 Exosens reveals the invisible for Defense  
and security,

*Rick Wildschut, Exosens*

- 13:40 Passive alignment of PICs,  
*Dr. Ir. Marijn Nijenhuis, Chair of Precision  
Engineering, University of Twente*
- 14:05 Packaging and assembly of PIC-based  
modules in scalable production volumes,  
*Dr. Joost van Kerkhof, PHIX Photonics  
Assembly*
- 14:30 **Coffee break**
- 15:00 The NMF Metrology System,  
*Gerard van den Eijkel, Dutch United  
Instruments B.V.*
- 15:25 Laser Projection System for VLT & ELT.,  
*Bart Speet, TNO Optics*
- 15:15 Optomechatronic in Contract  
engineering,  
*Patrick Strating, DEMCON Focal*
- 16:15 **End of the symposium**

After the event, there will be an opportunity to  
do also a company tour at DEMCON.