

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)

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 Enschede; NL



**Photonics
HUB**

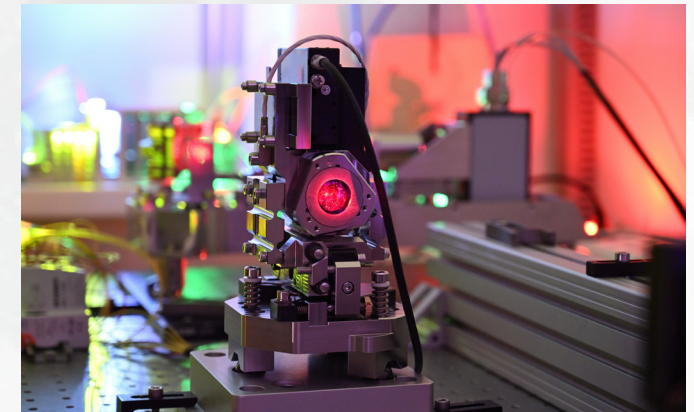
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**Photonics
HUB**

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 **Label free digital holographic microscopy for life sciences - The KEOone automated imaging system**,
Jürgen Schnekenburger, BMTZ
(Biomedical Technology Cente)
- 11:25 **Improving Ultrashort Pulse Laser Micromachining Accuracy using Optomechatonic (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, 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 **System Engineering Challenges in Optomechatronics**,
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.