

ENGLISH SPEAKING EVENT

SENSORIK SUMMER SCHOOL

September 4th to September 7th 2023



Have a look into the future

- In-depth insights of modern sensor systems from different fields of application
- Important business contacts
- Company visits and hands-on-workshops
- Interesting specialist lectures from business practice

Use the opportunity ...

- ... and get to know
- decision-makers in the sector,
 - innovative companies,
 - modern scientific institutes
- ... around sensor technologies!

Supported by



Costs

Students: free of charge, deposit of 100,- € net.
Members of Strategische Partnerschaft Sensorik e.V.: 250,- € net.
All other participants: 350,- € net.

The contribution includes the course fee, the documentation and the travel expenses for company visits as part of the Sensorik Summer School. Travel to and accommodation in Regensburg are not included.

Terms of Participation and Registration

Closing date for notification on August 6th 2023. The number of participants is limited to 20. Registration is binding. Cancellation free of charge is possible until August 6th 2023.

Register here: <https://eveeno.com/sensorik-summer-school-2023>

Host and Organisation

Strategische Partnerschaft Sensorik e.V. (SPS)
as Bavarian cluster platform for sensor technologies

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TechBase Regensburg
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Further Information

<https://www.sensorik-bayern.de/sensorik-summer-school>

The Cluster Sensorik is an initiative of the Bavarian government, supported within the Cluster-Offensive framework of the Free State of Bavaria.



Sponsored by
Bavarian Ministry of Economic Affairs,
Regional Development and Energy



This project is funded by the Bavarian Ministry of Economic Affairs, Regional Development and Energy.

SENSORIK SUMMER SCHOOL 2023 | September 4th to September 7th 2023 | YOUR PROGRAM

MONDAY 09/04/2023 | INDUSTRIAL TRANSFORMATION

**Welcome and Introduction:
Sensor Technology as a Key
Factor for Progress**
Matthias Streller, SPS e.V.

Welcome and Introduction
*Alexander Adesski
SYSTEMA Systementwicklung
Dipl.-Inf. Manfred Austen GmbH*

**From Manual to Digital
Chip Production**
*Joachim Bachner
SYSTEMA GmbH*

Q&A with Coffee
SYSTEMA GmbH

Get-together
*Participants, Company &
Institute Representatives
SPS e.V.*

02:00 pm

 **TECHBASE REGENSBURG**

05:30 pm

TUESDAY 09/05/2023 | MOBILITY SOLUTIONS

Get an Insight into Continental's Smartphone Based Access and Start Solution and High-Performance Computers Including Production Line Visit
*Felix Weissbrodt
Continental Automotive GmbH*



Electric Drive Line
*Thomas Frey
AVL Software and Functions GmbH*

Functional Safety for Inverter
*Thorsten Lauer
AVL Software and Functions GmbH*

 **VISIT AT CONTINENTAL AUTOMOTIVE GMBH, REGENSBURG**

08:45 am

 **VISIT AT AVL SOFTWARE AND FUNCTIONS GMBH, REGENSBURG**

05:15 pm

WEDNESDAY 09/06/2023 | VISION TECHNOLOGY

Welcome
*Prof. Dr. Anton Schmailzl
TC Parsberg-Lupburg*

**Artificial Intelligence in
Agriculture**
*Philipp Flierl
TC Parsberg-Lupburg*

Mixed Reality in Companies
*Silvio Angelillo
TC Parsberg-Lupburg*

**Artificial Intelligence in
Passenger Counting**
*Florian Ringelhäuser
TC Parsberg-Lupburg*

**Temperature
Measurement Technology**
*Manfred Hiermann
TC Parsberg-Lupburg*



See and Measure the Invisible!
*Dr. Prometeusz Jasinski, Dr. Gerhard Holst
Excelitas PCO GmbH*

 **VISIT AT TECHNOLOGIE CAMPUS PARSBERG-LUPBURG**

08:30 am

 **VISIT AT EXCELITAS PCO GMBH, KELHEIM**

05:30 pm

THURSDAY 09/07/2023 | SMART SENSOR MANUFACTURING

Digital Transformation in Industrial Engineering
*Tobias Traurig
Zollner Elektronik AG*

Sensor Technologies for Healthcare Applications
*Barbara Link, Josef Vogl
Zollner Elektronik AG*

Company Tour
Zollner Elektronik AG



**No Modern Household without Our
Products – an Introduction to emz**
*Ulrich Deml
emz-Hanauer GmbH & Co KGaA*

**Digi Brain – a New Smart Sensor
Design**
*Florian Winderl
emz-Hanauer GmbH & Co KGaA*

**Final Verification Tests – Our USP
in Industrialization**
*Stefan Dotzler
emz-Hanauer GmbH & Co KGaA*

Company Tour
*Ulrich Deml
emz-Hanauer GmbH & Co KGaA*

 **VISIT AT ZOLLNER ELEKTRONIK AG, ZANDT**

09:00 am

 **VISIT AT EMZ-HANAUER GMBH & CO KGAA, NABBURG**

05:45 pm