

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**  
Franz-Mayer-Straße 1  
93053 Regensburg  
Germany

## 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