



Strategische
Partnerschaft

Sensorik

SENSORIK SUMMERSCHOOL

www.sensorik-bayern.de

16th to 20th September 2019 · TechBase Regensburg

SENSORIK SUMMERSCHOOL · 16th to 20th September 2019 · YOUR PROGRAMME

Modern sensor systems & deep learning

MONDAY 9am–5pm

Sensor technology as a key technology for processes of innovation
Dr. Hubert Steigerwald
Strategische Partnerschaft Sensorik e. V.

Model plant & advanced machine vision

TUESDAY 9am–5pm

Continental Automotive GmbH: Model Plant Industry 4.0 – experience digitalization
Anna Buecker
Continental Automotive GmbH (Regensburg)

What is sensor technology? Basics, classification and applications
Stefan Gottwald
Sensorik-Bayern GmbH

Modern sensing systems, AI, HCI & software solutions for e-drive

WEDNESDAY 9am–5pm

How to qualify modern sensing systems for power systems? Challenges and solutions!
Dr. Andreas Kurz
Maschinenfabrik Reinhausen

Artificial intelligence for medical sensors and imaging in healthcare applications
Dr. Thomas Wittenberg
Fraunhofer IIS



Hands-on deep learning
Andreas Gschossmann
Sensorik-
ApplikationsZentrum (SappZ)

Tour through the innovation and technology center TechBase
Dr. Veronika Fetzer
Digitale Gründerinitiative Oberpfalz (Regensburg)



Gefasoft Automatisierung und Software GmbH: Advanced machine vision – technology transfer from R&D lab to industrial application
Georg Schlaffer
Gefasoft Automatisierung und Software GmbH (Regensburg)

Lab tour: sensors for human-computer interaction
Dr. Raphael Wimmer
Universität Regensburg (Regensburg)

Software solutions for e-drive and autonomous systems in practice
Felizitas Broßmann
Bertrandt Technologie GmbH (Regensburg)

Industry 4.0 & intelligent data processing

THURSDAY 9am–5pm

Technology Campus Teisnach:
▶ Lab tour optics and sensor technology
▶ Lectures:
▶ DIT and branch offices
▶ Industry 4.0 at the DIT
Christian Schopf
Technology Campus Teisnach (Deggendorf)



Demonstration of in-vehicle data recording and intelligent data processing
Klaus Zäper
b-plus automotive GmbH (Deggendorf)

Exoskeletons & bionics

FRIDAY 9am–1pm

Man machine, semi or super human being
Benjamin Großmann
engeex GmbH

Inspired by nature – sensor technologies for bionic autonomous robots
Andreas Hofmeister
Sensorik-Bayern GmbH

Hand over of certificates of attendance

Dr. Hubert Steigerwald
Strategische Partnerschaft Sensorik e. V.



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!

Costs

Students are exempt from contributions.

Members of *Strategische Partnerschaft Sensorik e. V.*:
297,59 € including tax

Contributions for all further participants:
416,50 € including tax

The contribution includes course fee, documentation and transportation fees from and to Regensburg (visits at companies). Travel and accommodation are not included.

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



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Venue

TechBase Regensburg
Franz-Mayer-Straße 1
93053 Regensburg
Germany

Host, organisation and registration

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

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Information:

<https://www.sensork-bayern.de/sensork-summerschool/>

Registration:

<https://eveeno.com/sensork-summerschool-2019>

Closing date for notification on 1st September 2019.
The number of participants is limited to 25.

YOU
are a student,
recent graduate
or company
representative?
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