



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	Model plant & advanced machine vision	Modern sensing systems, AI, HCI & software solutions for e-drive	Industry 4.0 & intelligent data processing	Exoskeletons & bionics
MONDAY 9 am – 5 pm	TUESDAY 9 am – 5 pm	WEDNESDAY 9 am – 5 pm	THURSDAY 9 am – 5 pm	FRIDAY 9 am – 1 pm
Sensor technology as a key technology for processes of innovation <i>Dr. Hubert Steigerwald</i> <i>Strategische Partnerschaft Sensorik e. V.</i>	Continental Automotive GmbH: Model Plant Industry 4.0 – experience digitalization <i>Anna Buchecker</i> <i>Continental Automotive GmbH (Regensburg)</i>	How to qualify modern sensing systems for power systems? Challenges and solutions! <i>Dr. Andreas Kurz</i> <i>Maschinenfabrik Reinhausen</i>	Technology Campus Teisnach: ► Lab tour optics and sensor technology ► Lectures: ► DIT and branch offices ► Industry 4.0 at the DIT <i>Christian Schopf</i> <i>Technology Campus Teisnach (Deggendorf)</i>	Man machine, semi or super human being <i>Benjamin Großmann</i> <i>engeex GmbH</i>
What is sensor technology? Basics, classification and applications <i>Stefan Gottwald</i> <i>Sensorik-Bayern GmbH</i>		Artificial intelligence for medical sensors and imaging in healthcare applications <i>Dr. Thomas Wittenberg</i> <i>Fraunhofer IIS</i>		Inspired by nature – sensor technologies for bionic autonomous robots <i>Andreas Hofmeister</i> <i>Sensorik-Bayern GmbH</i>
Hands-on deep learning <i>Andreas Gschossmann</i> <i>Sensorik-ApplikationsZentrum (SappZ)</i>	Gefasoft Automatisierung und Software GmbH: Advanced machine vision – technology transfer from R&D lab to industrial application <i>Georg Schlaffer</i> <i>Gefasoft Automatisierung und Software GmbH (Regensburg)</i>	Lab tour: sensors for human-computer interaction <i>Dr. Raphael Wimmer</i> <i>Universität Regensburg (Regensburg)</i>	Demonstration of in-vehicle data recording and intelligent data processing <i>Klaus Zäper</i> <i>b-plus automotive GmbH (Deggendorf)</i>	Hand over of certificates of attendance <i>Dr. Hubert Steigerwald</i> <i>Strategische Partnerschaft Sensorik e. V.</i>
Tour through the innovation and technology center TechBase <i>Dr. Veronika Fetzer</i> <i>Digitale Gründerinitiative Oberpfalz (Regensburg)</i>		Software solutions for e-drive and autonomous systems in practice <i>Felizitas Brossmann</i> <i>Bertrandt Technologie GmbH (Regensburg)</i>		

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 accomodation 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.sensorik-bayern.de/sensorik-summer-school/>

Registration:

<https://eveeno.com/sensorik-summer-school-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?
JOIN US!

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