



# ICOM Institute for Communication Systems

We research what we teach. We teach what we research.

Your advantage of working with our University of Applied Sciences: Our strength lies in applied research and development. As a public research institution, we offer independence and professionalism at the same time.

#### The type of cooperation - you have the choice

The Institute for Communication Systems is available as a partner for longer-term research and development projects. However, we are also able to carry out short-term and professional tests, analyses and studies on a contract basis.

#### Profit from our infrastructure and services

We can carry out the following RF measurements:

- Vectorial network analysis up to 20 GHz
- Spectral analysis up to 30 GHz
- Antenna measurements in the anechoic chamber

#### Specialists are committed to your solution

The focal points of our activities in research and development include:

- Antennas and Propagation
- Computer Vision
- Control Theory
- Digital Signal Processing
- Embedded Software Engineering
- Energy Harvesting
- Satellite Navigation
- Wireless Communications
- Wireless Power Transfer

#### Link between school and industry

If possible, partial aspects of larger projects are selected and solved within the framework of semester, bachelor or master theses. This results in interesting, practical tasks for the students. As a project partner, you benefit from a considerable reduction in project costs without sacrificing professionalism, continuity or flexibility.

#### Innovation at low cost

In Switzerland, cooperation between industry and universities on innovative projects is financially supported. The respective research fund covers the expenses of the university. As a recognized research center, we are in a position to apply for corresponding funding. Your research or development project thus benefits twice: Firstly, your project costs are halved by the external funding. Secondly, you benefit from the competence, experience and possibilities of an established university laboratory.

#### Tailored training

We offer special programs for the further training of your employees in all the above-mentioned areas of expertise. You decide on the place, time and duration of these special company courses. You also determine the exact content and number of participants.



#### Contact

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### Wireless Communications



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### Control Theory



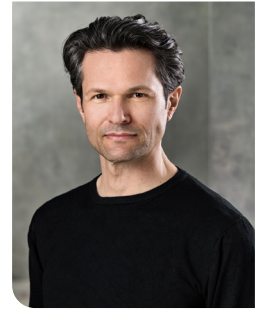
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### Embedded Software Engineering



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### Computer Vision



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### References

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