Precision Farming/Smart Farming

The University

The University of Applied Sciences Weihenstephan-Triesdorf focusses on all fields related to agricultural production and the subsequent value chain of food processing and food consumption.
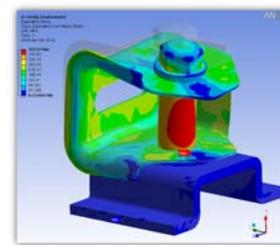
The Bachelor Degree Course Agricultural Engineering

The bachelor degree course on Agricultural Engineering integrates courses on plant production, soil science, plant nutrition and the economy of farming with a profound education in mechanical engineering as well as courses in data processing and mechatronics.

Research Interest

We are especially interested in applied research on all topics related to optimizing the agricultural production process and offer expertise in

- Precision Farming applications
- GIS
- GNSS
- Earth Observation
- design of agricultural machinery
- materials science.

We are looking for partners to develop ideas on monitoring plant growth, soil and weather and/or improving and automating implements and machinery to perform tasks more accurate or efficient.

We can provide test fields next to our university and offer widely spread links into the german agricultural industry.

Hochschule Weihenstephan-Triesdorf

Bavaria / Germany

Precision Farming / Smart Farming
GIS – Farm Management Systems
Earth Observation
GNSS and Steering Systems
UAS (Drones)
Machinery Design
Materials Science

HOCHSCHULE WEIHENSTEPHAN-TRIESDORF
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