

# Praktische Anwendungen von KI in der Veterinärmedizin

Netzwerk Zukunftsraum Land

10, Juni 2026

Peter M. Roth

Edge Computing

Big Data

Tierärzt:innen-Mangel

Telemedizin

Neue  
Sensoren



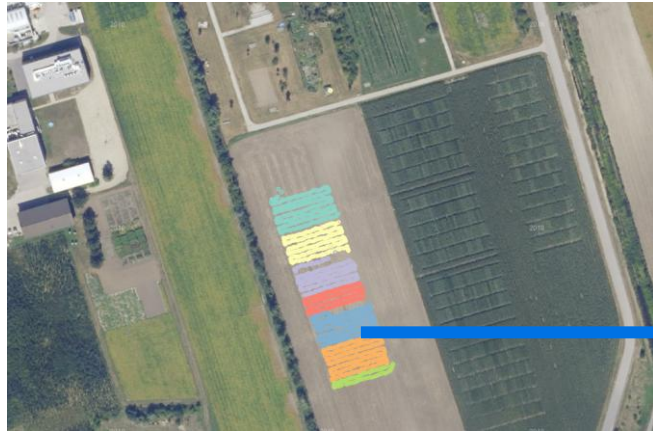
Daten-  
verfügbarkeit

Ressourcen  
-  
Optimierung

Machine  
Learning

Einfache  
Lösungen

# RoboKIZ: Plant Classification



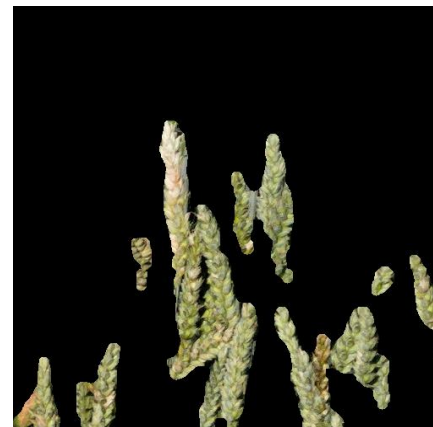
Orthophoto with trajectories



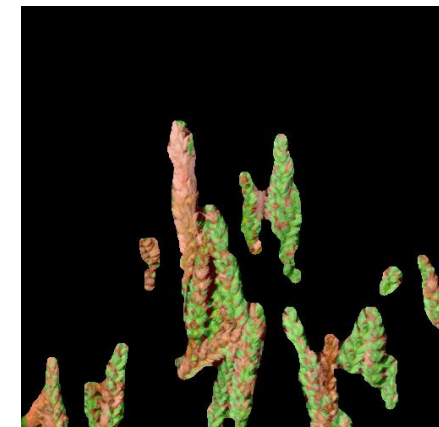
Drone image



Input from drone

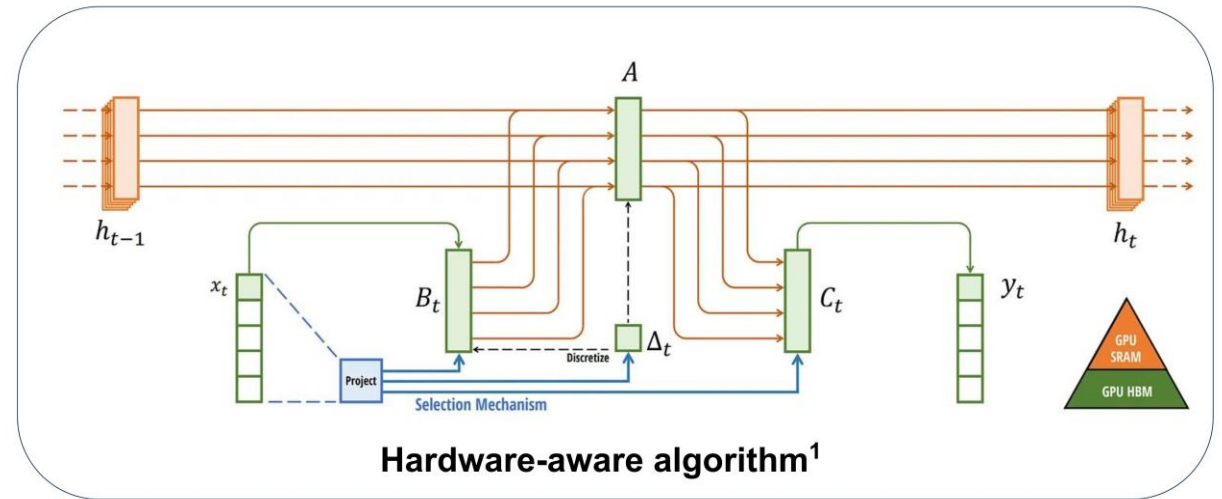
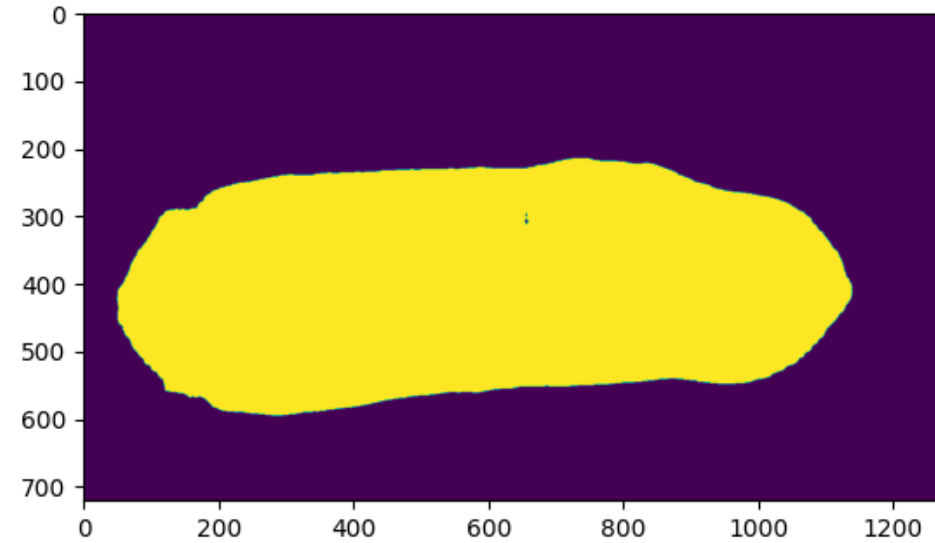


NN-based segmentation



Classification

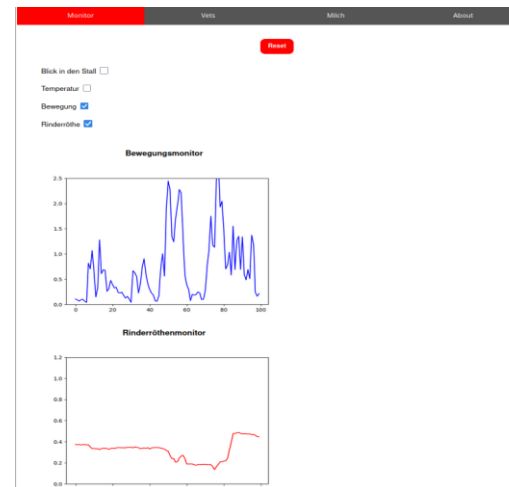
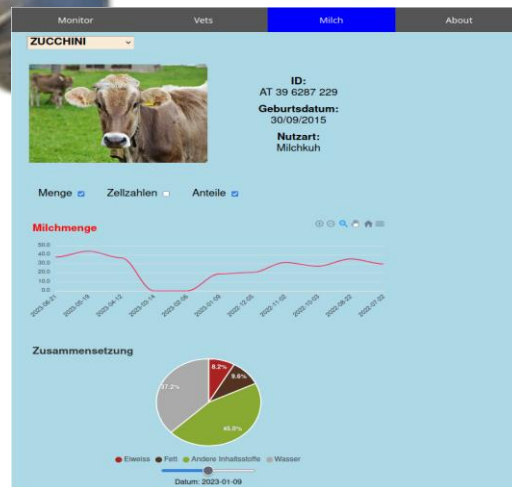
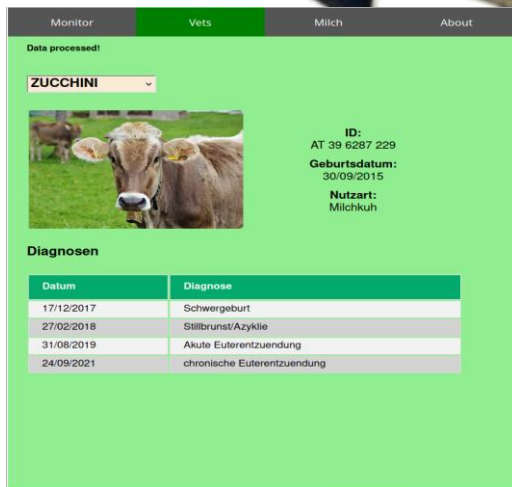
# Feedura: Body Condition Scoring



# HOLSTEIN: Edge Computing + Digital Twin



 **Raspberry Pi** 5

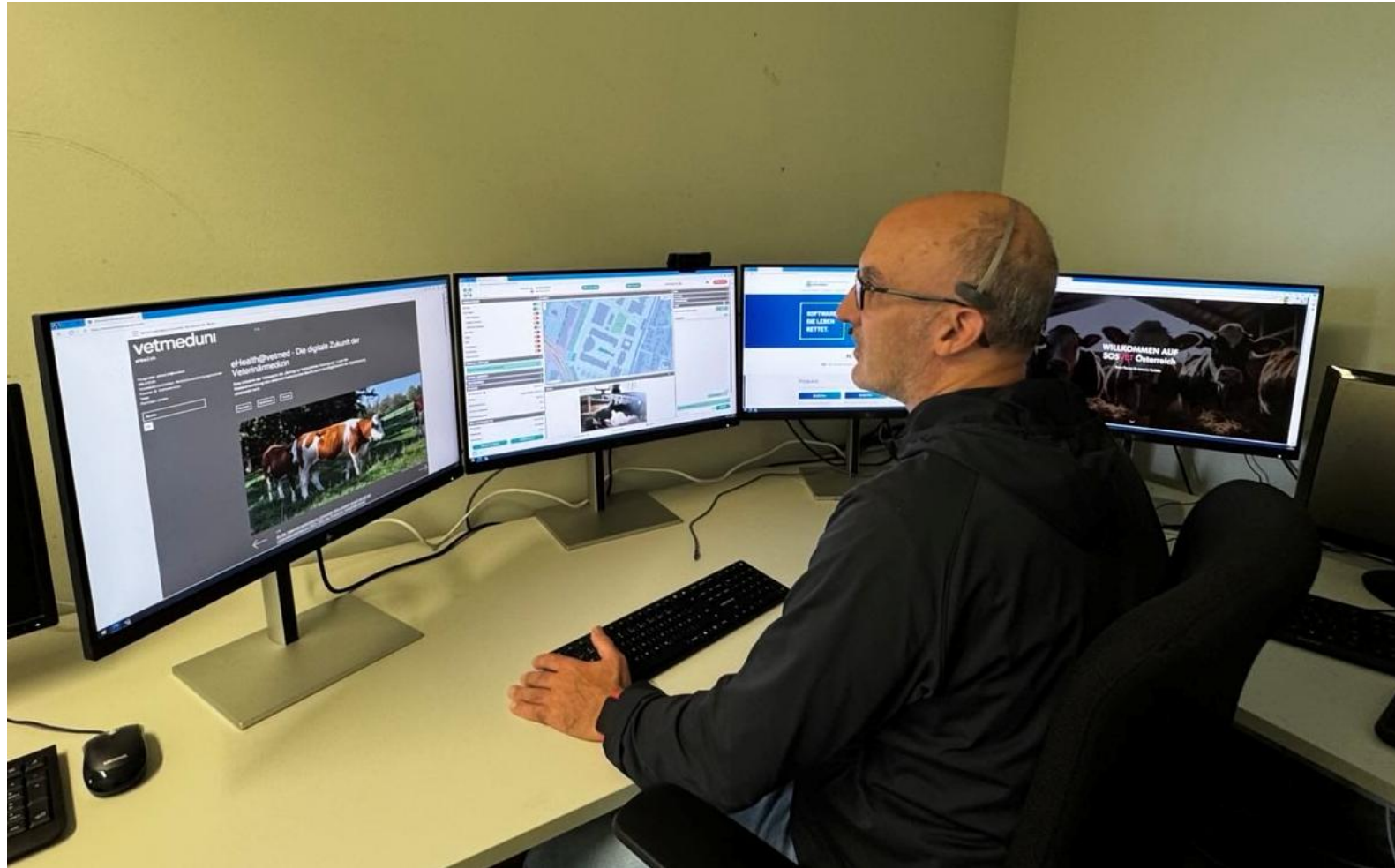


WISSENSCHAFT • FORSCHUNG  
NIEDERÖSTERREICH 

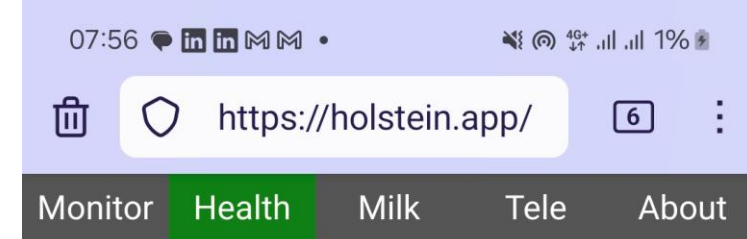
**vetmeduni**

<https://holstein.app>

# HOLSTEIN:Telemedizin



Telemedicine Lab



## Gesundheitsakte

Wählen Sie ein Tier

AT 21 9511 728

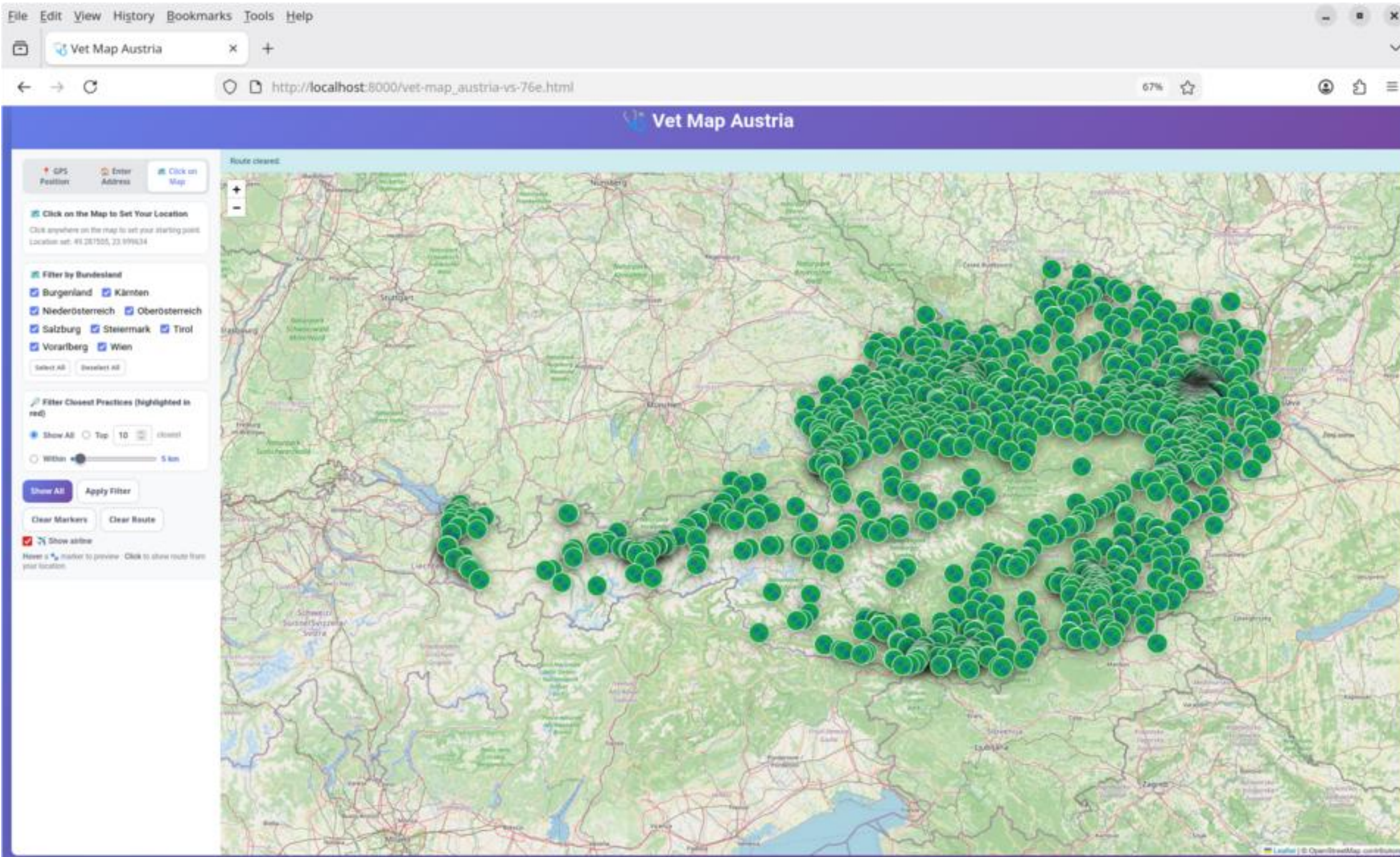
Allgemeine Daten des Tieres

Leistungsnummer	Name	GebD:
AT 21 9511 728	LABOMBA	2014-

Vordiagnosen, falls vorhanden und verfügbar (neueste zuerst)

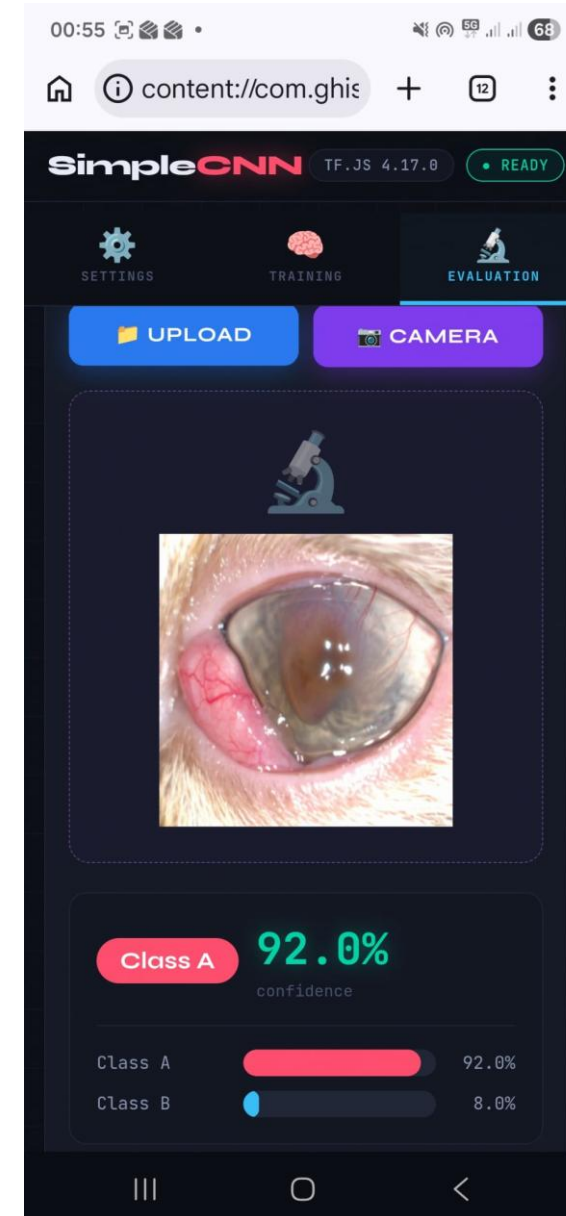
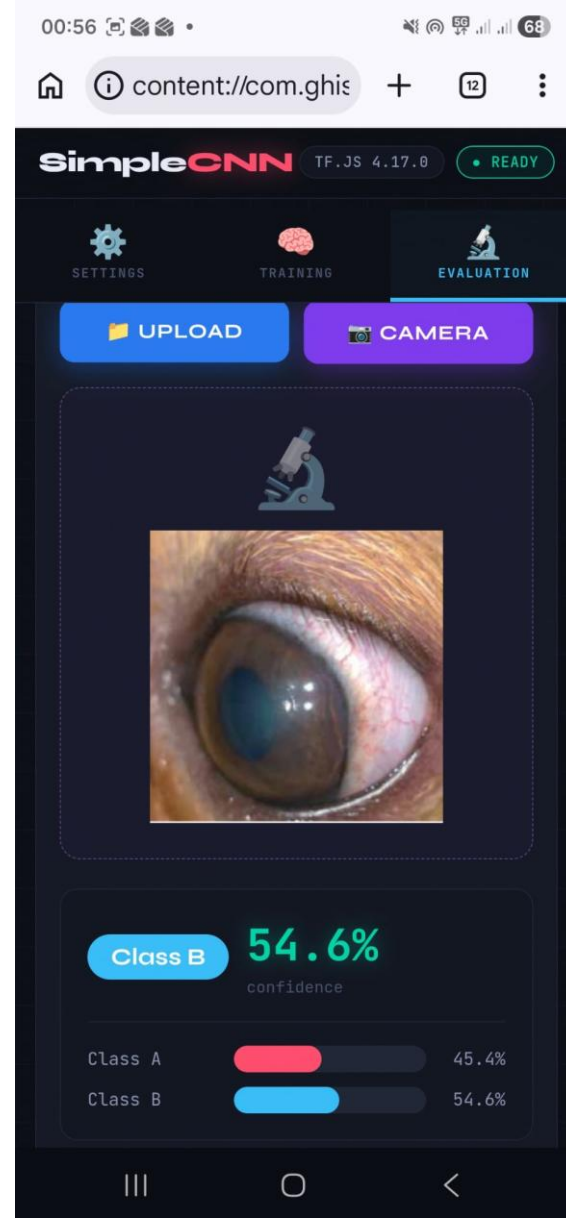
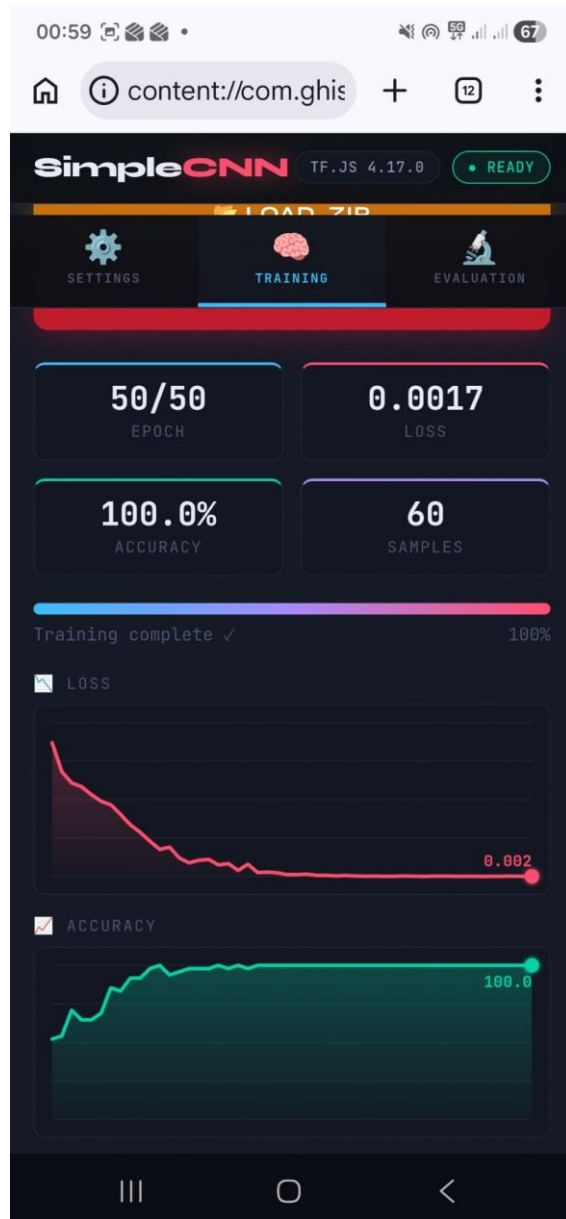
Diagnose	Datum
Akute Euterentzündung	2018-07-11
Nachgeburtshaltung	2018-01-06

# HOLSTEIN: Vetmap





# DogEyes: Telemedizin



WORKSHOP

# Digital Transformation

of

# Agriculture & Animal Science

Smart Farms | Healthy Livestock | Sustainable Future



Smart  
Technology



Data Driven  
Decisions



Better  
Productivity



## AIRoV 2027

WU Wien 5.–7. Juli 2027

<https://airov.at/>

Webster  
UNIVERSITY

Vienna  
PRIVATE UNIVERSITY

vetmeduni

HBLFA Francisco Josephinum  
Wieselburg

FACHHOCHSCHULE  
WIENER NEUSTADT  
University of Applied Sciences - Austria

Thank you for your  
attention!