

Invitation

It is a great pleasure to invite our international and Danish connections from science and industry to this event where we share the results and experiences of the seven year research project within the field of precision pig farming.

Registration

There is no fee for attending the closing conference, but registration is necessary. For registration, please follow the link www.pigit.ku.dk/registration

Time and venue

The closing conference of the PigiT project will be held at University of Copenhagen on the 13th of November 2018 from 10:00 to 16:00 in the celebration auditorium (A 1-01.01), Bülowsvej 17, DK-1870 Frederiksberg C, Denmark.

About PigiT

The PigiT project is a strategic research alliance supported by the Danish Council for Strategic Research. It was initiated in 2012 and was, originally, planned to run for five years. It has later been extended by two years.

The partners of the alliance are University of Copenhagen, Aarhus University and the Danish Pig Research Centre. The private companies TNM A/S, Skov A/S and AgroSoft A/S (from 2014) have been affiliated partners.



2012 - 2018

Invitation to the PigiT Closing Conference

Tuesday, November 13th, 2018

University of Copenhagen

*Improving welfare and productivity in
growing pigs using advanced ICT methods*

A strategic research alliance supported by



Preliminary program

Theme 0: PigIT - motivation and core concepts

10:00 The ideas behind the PigIT project
Anders Ringgaard Kristensen, University of Copenhagen

Theme 1: Model based production and welfare monitoring

10:30 A dynamic approach to monitoring of growth in finishers
Anna Helena Stygar, University of Copenhagen (present affiliation: Luke, Finland)

10:50 Automatic learning and pattern recognition using sensor data
Dan Børge Jensen, University of Copenhagen

11:20 Coffee break

11:40 Spatial modeling of drinking patterns as a tool for reducing alarms in pig production
Katarina Nielsen Dominiak, University of Copenhagen (present affiliation: SEGES, The Pig Research Centre)

12:10 Behavioral changes preceding tail biting and pen fouling in slaughter pig pens
Lene Juul Pedersen, Aarhus University

12:30 Using machine learning to predict tail-biting, fouling and diarrhea in pigs
Yuvraj Domun, Harper-Adams, United Kingdom

12:50 Lunch

Theme 2: Model based decision support

13:50 Models and methods for optimization of pig production in a stochastic environment
Reza Pourmoayed, Aarhus University (present affiliation: Grundfos)

14:20 From raw data to optimal sow replacement decisions - an integrated solution
Jeff Hindsborg, University of Copenhagen

14:40 Coffee break

Theme 3: Where to go from here

15:00 [The IQinAbox project](#)
Thomas Nejsum Madsen, Nejsum Aps

15:20 Ambitions for machine vision
Dan Børge Jensen, University of Copenhagen

15:40 Plenary discussion
All presenters

16:00 Closing