13 June 2017

WUR ASG
Impulse, Building 115,
Stippeneng 2, 6708 WE Wageningen

Matchmaking event

Science meets business on animal monitoring

Wageningen University & Research – Animal Sciences Group (WUR ASG) and ICT for Brain, Body & Behavior (i3B) organize on the 13th of June 2017 the matchmaking event science meets business on animal monitoring. The provisional program with registered pitchers is stated below. We welcome you to join if you have new ideas, (human monitoring) technologies and solutions to tackle the included non-exhaustive list of animal health challenges.*

* CHALLENGES

- Prediction changes on animal health and behavior (with non-invasive (RFID) sensor technology and big data analytic tools)
- Potential of animals (resilience)
- Identification of individual animals in groups without tags
- Address and understand the individual differences between animals
- Emotion and/or stress recognition in animals
- Monitoring animal's growth and food intake
- Measuring sleep- and resting behavior for (sport) horses
- Non-invasive monitoring animal's body temperature, velocity and breath frequency
- Animal social interactions
- The influence of light on animal behavior
- Regulating and monitoring the climate and particle matter in stables
- Indication of illness and/or aggressive behavior in animals
- Monitoring livestock, poultry, horses, fish, and other animals
- Monitor individual animals and their social interaction

PROGRAM

12:30 Entry & Lunch

13.00 WUR ASG, i3B introduction

13.10 **WUR ASG PROJECT IDEA PITCHES** (WHERE COMPANIES CAN JOIN CONSORTIUM)

- *Fieldlab animal monitoring* - Bas Rodenburg,
- *Breed4Food, individual tracking of animals with video, UWB, RFID* - Esther Ellen
- *Smart tools for Vital Pigs* - Bennie van der Fels
- *Virtual fencing* - Pieter Hogewerf
- *Invasive & non-invasive measures for resilience biomarkers* - Annemarie Rebel

13.50 **PROJECT PITCHES** (WITH POSSIBILITIES FOR SMES TO JOIN)

- *OOST NV – ACTTIVATE.EU program* - Jouke Kardolus
- Other initiatives?

14.30 **NEW TECHNOLOGY SOLUTIONS TO MONITOR ANIMAL HEALTH**

- *Artinis* - Willy Colier
- *TMSi* - Jan Peuscher
- *TNO* - Evert van den Akker & Matthijs Vonder
- *Holst Centre* - Peter Visser
- *Noldus IT* - Lucas Noldus
- *FarmResult* - Richard ten Cate
- *SODAQ* - Jan Willem Smeenk
- *Dorset* - Roland Stump
- *Philips Lighting* - Hayke van Dooren & Paul Merkus

15.00 **BREAK**

15.20 **YOUR PITCH**

16.15 **NETWORK DRINKS OR GUIDED TOUR (PHENOLAB)**

INFORMATION

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