



Breed4Food SEMINAR

“Scientific developments in tracking and monitoring animals in groups”

July 4, 2019 – 09.00-13.00h
Building 122 Zodiac (A0107), De Elst 1, Wageningen

Programme:

08.45h Coffee
09.00h Welcome by Yvette de Haas (WUR, Animal Breeding & Genomics)

Traits from sensors (*phenotype animals with sensors*)

- 1 - Activity in broilers – Malou van der Sluis (WUR, Animal Breeding & Genomics)
- 2 - Steps of turkeys – Aniek Bouwman (WUR, Animal Breeding & Genomics)
- 3 - Locomotion of turkeys – Ard Nieuwenhuizen (WUR- Agrosystems Research)
- 4 - Weight of turkeys – Jos Hageman (WUR, Biometris)
- * View from industry – Hendrix Genetics – Bram Visser
- * Discussion

10.30h Short break

10.45h **Computer vision** (*track animals with video*)

- 6 - Tracking cows in barns – Oleksiy Guzhva (Swedish University of Agricultural Sciences, Department of Biosystems and Technology)
- 7 - Tracking cows in extensive fields with drones – Sander Mucher (WUR, Earth Observation and Environmental Informatics)
- 8 - Tracking pigs in barns – Lisette van der Zande (WUR, Adaptation Physiology)
- 9 - View from industry – CRV – Erik Mullaart
- * Discussion

10 - Pitch: Gregarious groups – Piter Bijma (WUR, Animal Breeding & Genomics)

General discussion

11 - Closure by Erwin Koenen (Breed4Food)

12.30h Network Lunch

(red numbers refer to pdf presentations)