

AG2PI Field Day: Implementation of genomic selection and the future of phenotyping in dairy cattle



Genomic prediction and genomic selection have revolutionized breeding programs in both animals and plants. Genomic selection was first implemented in dairy cattle, with the US leading the way. Genomic selection in dairy cattle capitalizes on extensive farm-level phenotype recording and data sharing, including between countries. This field day will focus on the implementation of genomic selection in dairy cattle, including genotyping, phenotyping, and data sharing, and associated challenges. The second part of the field day will focus on the future of phenotyping in dairy cattle using novel sensor and other technologies, along with the associated data storage, processing, and analysis challenges.



10:30 – 11:10

Presenter: George Wiggans
"Implementation of Genomic Selection in Dairy Cattle"



11:10 – 12:00

Presenter: Miel Hostens & Joao Dorea
"The future of phenotyping in dairy cattle and associated challenges"



January 20, 2020

10:30 AM - 12:00 PM
(US Central Time)

Purpose

Discussion of genomics and phenomics research and applications in dairy cattle; including challenges in data processing and technology.

Register for this Zoom virtual meeting:

<https://tinyurl.com/AG2PI-FD4>

Upon registration, you will receive a confirmation email with information about joining the meeting.

A recording will be available at ag2pi.org/ at a later date.



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