

Workshop: Measure and analyse individual methane emission in cattle

23 May 2023, h. 8.30-13 (Paris time)

Free participation upon registration at:

https://us02web.zoom.us/webinar/register/WN_iVvEWQrKTbu5hZMDBN2ZVA



We invite interested researchers and technicians for contributions to the following topics. Contributions may be presented on-site or online. Interested to present your experience? Please contact birgit.gredler-grandl@wur.nl

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- Methane is one of the main greenhouse gases contributing to global warming. Individual methane emission of cattle is a novel trait, that gains importance in sustainable cattle breeding programmes.

 - Recording individual methane emission on a large scale is expensive and labour intensive. Research projects are currently being carried out to investigate and evaluate the accuracy and feasibility of different recording techniques including phenotypic analysis of the methane trait and followed by genetic analysis to determine the genetic background.

 - The workshop aims to bring interested stakeholders, scientists and technicians together working in the field of recording and analysing individual methane emission of cattle. The aim is to share experience and hands-on tips about how to record individual methane emission, phenotypic and genetic analysis of different methane phenotypes.

 - We invite interested researchers and technicians for contributions to the following topics. Contributions may be presented on-site or online.

 - Tools, equipment, protocols, tips & tricks how to measure
 - Data editing & trait definition
 - Data analysis: phenotypic and genetic analysis
 - Proxies: Mid-infrared spectroscopy

 - The workshop will be organised by the ICAR Feed and Gas Working Group. If you have any questions or queries on the content of the workshop please contact Birgit Gredler-Grandl (birgit.gredler-grandl@wur.nl) or Raffaella Finocchiaro (raffaellafinocchiaro@anafi.it).