

## Ruminant methane emissions and measurement techniques

**Organizing center:** SRUC (UK)

**Type of training:** Web conference

**Target participants**

Early career researchers and research technicians  
Master or PhD students

**Training objectives**

After the training session, the trainee will be able to:

- Describe the principles of operation of respiration chambers for measuring methane emissions
- Outline the available short-term measurement techniques for estimating methane emissions from ruminants
- Understand the strengths and weaknesses of these techniques

**Pre requisite skills**

Graduate-level understanding of ruminant production systems and ruminant nutrition/rumen function

**Program**

Theory and practice of the operation of respiration chambers

Short-term methane measurements (GreenFeed, 'sniffers' and laser methane detector) – theory, strengths and weaknesses

**Pedagogical approach:** Lecture – additional video material of the equipment will be available

**Trainer**

Dr Gemma Miller (SRUC)

**Duration:** 1 hour (Webconference)

**Date of course**

October 2<sup>nd</sup>, 2019, 9 am to 10 am (GMT)

**Deadline for registration:** 18<sup>th</sup> September 2019

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