

*Training course*

## Proxies for methane emissions and feed efficiency, other than microbiome proxies

**Type of training:** Web conference

**Organizing center:** SRUC (UK)

### **Target participants**

Early career researchers and research technicians  
Master or PhD students

### **Training objectives**

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

- Understand the basis of proxy measurements for feed conversion efficiency and methane emissions from ruminants
- Understand the strengths and weaknesses of these approaches

### **Pre requisite skills**

Graduate-level understanding of ruminant production systems and ruminant nutrition

### **Program**

- Review of potential proxies for methane emissions – milk fatty acids/infra-red analysis and faecal archaeol
- Nitrogen isotopic fractionation as a proxy for feed conversion efficiency (N-use efficiency)

**Pedagogical approach:** Lecture – additional reading material will be available

**Duration:** 1 hour

### **Trainer**

Prof Richard Dewhurst (SRUC)

### **Date of course or estimated period of course**

October 30<sup>th</sup>, 2019, 9 am to 10 am (GMT)

***Deadline for registration: 16<sup>th</sup> October 2019***

Ref OPR