WORKSHOPS
Evaluating the epidemiological and economic impact of control options for cross-border spread of foot-and-mouth disease in EU countries using the EuFMDiS simulation model.

Session organisers: Koen Mintiens, Graeme Garner, Maria de la Puente, Richard Bradhurst and Shankar Yadav
E-mails: koen.mintiens@fao.org, mgo2904@hotmail.com, maria.delapuentearvalo@fao.org, richard.bradhurst@hotmail.com, and shankar.yadav@fao.org

Microbiome data analysis for veterinary epidemiologists
Session organisers: Annelies J.G. Kers and Egil A. J. Fischer
E-mails: j.g.kers@uu.nl and e.a.j.fischer@uu.nl

Mortality rate ratio’s: Challenges and solutions when calculating cattle mortality
Session organisers: Inge Santman-Berends and Gerdien van Schaik
E-mails: i.santman@gdanimalhealth.com and g.v.schaik@gdanimalhealth.com

Participatory epidemiology in veterinary medicine – powerful methods to include social aspects into research
Session organisers: Katja Schulz and Kerli Mõtus
E-mails: Katja.Schulz@fli.de and erli.Motus@emu.ee

Extraction of medical terms from non-structured (textual) data from online news and social media
Session organisers: Mathieu Roche, Remy Decoupe and Roberto Interdonato
E-mails: mathieu.roche@cirad.fr, remy.decoupe@inrae.fr and roberto.interdonato@cirad.fr

Exploring drivers of change in Antimicrobial Usage (AMU) through participatory methods
Session organisers: Flavie Goutard, Clòthé Batié, daouda Kassié, Dinh Bao Truong, Aurélie Binot, Theethawat Uea-Anuwong, Mariline Poupaud, Vannaphone Phouthana, Nguyen Thi Dien, and Marion Bordier
E-mails: goutard@cirad.fr, chloe.batie@cirad.fr, daouda.kassie@cirad.fr, dinhbao.truong@hcmuaf.edu.vn, aurelie.binot@cirad.fr, thee.jai@gmail.com, mariline.poupaud@cirad.fr, v.phouthana@nuol.edu.la, namdien@gmail.com and marion.bordier@cirad.fr

SOCIETY FOR VETERINARY EPIDEMIOLOGY AND PREVENTIVE MEDICINE
2021 ANNUAL CONFERENCE
WEDNESDAY 24th MARCH – FRIDAY 26th MARCH 2021
Online

Wednesday 24 March 2021
14.00 – 17.00
Workshops
Evaluating the epidemiological and economic impact of control options for cross-border spread of foot-and-mouth disease in EU countries using the EuFMDiS simulation model

Workshop 1:
Mortality rate ratio’s: Challenges and solutions when calculating cattle mortality
Workshop 2:
Participatory epidemiology in veterinary medicine – powerful methods to include social aspects into research
Workshop 3:
Extraction of medical terms from non-structured (textual) data from online news and social media
Workshop 4:
Exploring drivers of change in Antimicrobial Usage (AMU) through participatory methods

Thursday 25 March 2021

Session 1:
Opening of the Conference
Chair: Marie McIntyre
09.30 – 10.20
Edmunds

Session 2:
African Swine Fever
Chair: Timothée Vergne
10.30 – 10.55
Kim
10.55 – 11.20
Bergmann
11.20 – 11.45
COFFEE BREAK WITH POSTER VIEWING & INTERACTIONS

Session 3:
Avian Influenza
Chair: Marnie Brennan
11.45 – 12.10
Kjær
12.10 – 12.35
Chakraborty
12.35 – 13.00
Bauzile
13.00 – 14.00
LUNCH BREAK WITH POSTER VIEWING & INTERACTIONS
### Session 4:
**Chair:** Philip Robinson  
**Time:** 14.00 – 14.25  
**Thompson**  
**Topic:** Dairy cow productivity  
Randomised control trial shows space allowance increases milk production and changes behaviour of housed dairy cows

**Time:** 14.25 – 14.50  
**Kulkarni**  
**Topic:** Survival analysis to study replacement strategy of Dutch dairy farmers over 10 years with varying agricultural policies

**Time:** 14.50 – 15.15  
**Yue**  
**Topic:** Modelling the dynamics of herd performance associated with new introduction of bovine viral diarrhoea virus based on 10 years of Dutch field data

**COFFEE BREAK WITH POSTER VIEWING & INTERACTIONS**

### Session 5:
**Chair:** Luís Pedro Carmo  
**Time:** 15.40 – 16.05  
**Van Roon**  
**Topic:** Confidence of freedom of infection with BVDV in several European countries: application of the STOC free model

**Time:** 16.05 – 16.30  
**Brock**  
**Topic:** A data-driven modelling framework to support decision making under the new EU animal health law

**Time:** 16.30 – 16.55  
**Özcelik**  
**Topic:** Investigating opportunities for and challenges towards establishing community-based surveillance of equines in Switzerland

**POSTER VIEWING & INTERACTIONS**

### Friday 26 March 2021

### Session 6:
**Chair:** David Brodbelt  
**Time:** 09.30 – 09.55  
**McLaughlin**  
**Topic:** AMR surveillance  
Monitoring antimicrobial resistance at a farm level in dairy

**Time:** 09.55 – 10.20  
**Hesp**  
**Topic:** Assessing the diagnostic accuracy and benefits of whole genome sequencing to monitor antimicrobial resistance in livestock

**Time:** 10.20 – 10.45  

**COFFEE BREAK WITH POSTER VIEWING & INTERACTIONS**

### Session 7:
**Chair:** Fernanda Dórea  
**Time:** 10.45 – 11.10  
**Ezanno**  
**Topic:** Drivers of disease spread  
Movement rewiring among relevant herd statuses to control paratuberculosis at a regional scale

**Time:** 11.10 – 11.35  
**Warembourg**  
**Topic:** Social contact networks of free-roaming domestic dogs: what are the driving factors?

**Time:** 11.35 – 12.00  
**Taylor**  
**Topic:** Exploring environmental drivers for canine leptospirosis in Great Britain

**Time:** 12.00 – 13.00  

**LUNCH BREAK WITH POSTER VIEWING & INTERACTIONS**

### Session 8:
**Chair:** Damien Barrett  
**Time:** 13.00 – 13.25  
**Santman-Berends**  
**Topic:** Evaluating the association between calf mortality and implementation of data-driven tools to improve calf rearing in Dutch dairy herds

**Time:** 13.25 – 13.50  
**Redfern**  
**Topic:** Investigating the advisor and farmer relationships that influence dairy cow health and welfare in the transition period before and after calving

**Time:** 13.50 – 14.15  
**Ferchiou**  
**Topic:** Marginal cost of modifying reproduction management reasoning to define an optimal herd management strategy

**14.15-14.40**

**COFFEE BREAK WITH POSTER VIEWING & INTERACTIONS**

### Session 9:
**Chair:** Gerdien van Schaik  
**Time:** 14.40 – 15.05  
**Rawlins**  
**Topic:** Financial impact of sheep and goat pox and economic viability of vaccination for subsistence farmers in selected states of Northern Nigeria

**Time:** 15.05 – 15.30  
**Doidge**  
**Topic:** Applying grounded theory and natural language processing to understand farmers’ decision making around prophylactic antibiotic use in lambs

**Time:** 15.30 – 15.55  

**COFFEE BREAK WITH POSTER VIEWING & INTERACTIONS**

### Session 10:
**Chair:** Marie McIntyre  
**Time:** 15.55 – 16.45  
**Fourichon**  
**Topic:** The Gareth Davies Lecture  
Controlling infectious diseases: how does the interplay between field problems and epidemiological research lead to success

**16.45 – 17.20**  
**Time:** Award announcements and closing of the Conference

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For further information, please contact:  
Timothee Vergne, Chair of local organisers  
Email: timothee.vergne@envt.fr

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**SVEPM 2021**  
**Online 24-26 March 2021**