

WORKSHOPS

Trace back and trace forward in foodborne outbreak investigation

Session organisers: **Tine Hald and Birgitte Borck**

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Contacts and concepts: Getting the most out of the conference

Session organisers: **Kenton Morgan and Peter Cripps**

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Introduction to modelling of vectorborne diseases

Session organiser: **Carsten Kirkeby**

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Risk maps and spatial modelling of disease

Session organiser: **Kim Stevens**

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Syndromic surveillance using R and the package *vetsyn*

Session organiser: **Fernanda Dórea and Crawford Revie**

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Quantifying antimicrobial usage: Challenges and solutions

Session organisers: **Katharina Stärk and Jeroen Dewulf**

E-mail: Jeroen.Dewulf@UGent.be

Conference organised by

Liza Rosenbaum Nielsen, Tariq Halasa, Nils Toft, Søren Saxmose Nielsen
and Lis Alban on behalf of SVEPM



With the support of

The PhD School and Department of Large Animal Sciences at University of Copenhagen, National Veterinary Institute at Technical University of Denmark, Carlsberg Foundation, Danish Agriculture & Food Council, Scottish Rural University College (SRUC), Avia-GIS, Peter Christian Abildgaards fond og Overdyrlæge Hans A. Madsen og hustrus fond, University of Liverpool, Royal Veterinary College (RVC), DIANOVA, NOSOVE, SAFOSO, Biomed Central, MSD Animal Health, Zoetis Global R&D division, FOSS, Elanco, King Thermofisher, Frontiers.





**SOCIETY FOR VETERINARY EPIDEMIOLOGY AND PREVENTIVE MEDICINE
2016 ANNUAL CONFERENCE
WEDNESDAY 16TH MARCH – FRIDAY 18TH MARCH 2016
Elsinore, Denmark**

Wednesday 16 March 2016

09.00 – 12.00

Workshops

- Workshop 1:** Trace back and trace forward in foodborne outbreaks
Workshop 2: Contacts and concepts
Workshop 3:  Introduction to modelling of vectorborne diseases
Workshop 4: Risk maps and spatial modelling of disease
Workshop 5:  Syndromic surveillance using R and the package *vetsyn*
Workshop 6: Quantifying antimicrobial usage: Challenges and solutions

12.15 – 13.00

LUNCH

13.00 – 13.15

Opening of the conference


Session 1:

Chair: Hans-Hermann Thulke

Plenary Lecture

13.15– 14.15

Professor Mirjam Nielen, Utrecht University, The Netherlands

 Evidence-based veterinary medicine needs clinical epidemiology

Session 2:

Chair: Liza Rosenbaum Nielsen

Enhanced detection

14.15 – 14.40

Græsbøll 

How few pooled tests are needed to detect a single positive sample?

14.40 – 15.05

Chengat

Designing a targeted meat inspection system for *Cysticercus bovis*

15.05 – 15.20

6 x 2 minute poster pitches

15.20 – 16.00

COFFEE/TEA & POSTER VIEWING

Session 3:

Chair: Marie McIntyre

Transboundary diseases

16.00 – 16.25

Guinat

Inferring within-herd transmission parameters for African swine fever outbreaks in the Russian Federation using mortality data

16.25 – 16.50

Olive 

Rift Valley Fever in Madagascar: Estimation of the year-specific force of infection in cattle from mid-2007 to mid-2013

16.50 – 17.15

Knight-Jones

Mass vaccination, immunity and coverage: Modelling population protection against foot-and-mouth disease in Turkish cattle

17.15 – 17.30

6 x 2 minute poster pitches

18.30

**Drinks reception in the poster area
Optional 'Drinks and Art'-tour of Konventum**

20.00



**Dinner in the restaurant at Konventum
followed by networking bar**

 **SPONSORED BY CARLSBERG FOUNDATION**

Thursday 17 March 2016

Session 4:

Chair: David Brodbelt

- 08.30 – 08.55 **Antunes**  Generalized dynamic linear models for monitoring endemic diseases: Moving beyond univariate process monitoring control algorithms
- 08.55 – 09.20 **Cat** Bayesian estimation of weather-driven processes to model *Ixodes ricinus* population dynamics
- 09.20 – 09.45 **Georgopoulos**  Risk factors and predictive models for equine fractures in Thoroughbred flat racing in North America

09.45 – 10.00


6 x 2 minute poster pitches

10.00 – 10.30

COFFEE/TEA & POSTER VIEWING

Session 5:

Chair: Marnie Brennan

- 10.30 – 10.55 **Jack**  A quantitative and qualitative analysis of attitudes towards sustainable parasite control practices from Scottish sheep farmers
- 10.55 – 11.20 **Kaler** Associations between farmer opinion, emotions and personality to uptake of best practice by sheep farmers: the example of footrot

11.20 – 11.35

6 x 2 minute poster pitches

11.40 – 13.00



ANNUAL GENERAL MEETING

13.00 – 14.00

LUNCH

Session 6:

Chair: Rob Christley

- 14.00 – 14.25 **Higgins**  Understanding veterinarians' prescribing decisions on antibiotic dry cow therapy: A Bayesian approach
- 14.25 – 14.50 **Collineau**  Factors influencing pig farmers' and veterinarians' intention to reduce antimicrobial usage in six European countries
- 14.50 – 15.15 **Shortall** Exploring expert opinion on the practicality and effectiveness of biosecurity measures on dairy farms using best worst case scenario choice analysis

15.15 – 15.30

6 x 2 minute poster pitches

15.30 – 15.40


Group photo

15.40 – 16.15

COFFEE/TEA & POSTER VIEWING

Session 7:

Chair: Bart van den Borne

- 16.15 – 16.40 **Rojo-Gimeno**  Farm-economic analysis of reducing antimicrobial use whilst adopting good management strategies on farrow-to-finish pig farms
- 16.40 – 17.05 **Birkegård** Spatial patterns of antimicrobial resistance genes in Danish pig farms
- 17.05 – 17.30 **Dewulf** Antimicrobial use and biosecurity practices in pig production in four European countries, comparison, associations and opportunities

18.45 – 24.00

**DRINKS RECEPTION AND ANNUAL CONFERENCE DINNER
AT KRONBORG CASTLE**

Friday 18 March 2016

Session 8:

Chair: Ann Lindberg

- 09.00 – 09.25 **Delabougliise** Seasonal variation in demand for animal products as a driver of disease dynamics: The case of avian influenza in Vietnam
- 09.25 – 09.50 **De Vos** Risk assessment of seven emerging vector-borne animal diseases for the Netherlands: A structured approach
- 09.50 – 10.15 **Cador** Estimation of H1N1 swine influenza virus transmission parameters in pigs with different initial immune statuses
- 10.15 – 10.30
10.30 – 11.00
- 6 x 2 minute poster presentations*
- COFFEE/TEA & POSTER VIEWING**

Session 9:

Chair: Koen Mintiens

- 11.00 – 11.25 **Comin & Häslér** RISKSUR Tools: Taking animal health surveillance into the future through interdisciplinary integration of scientific evidence
- 11.25 – 11.50 **Veldhuis** The comparison of existing and alternative surveillance strategies to prove freedom of BHV1 in dairy herds: A case study within the RISKSUR project

Session 10:

Chair: Hans-Hermann Thulke

11:50 – 12:50

12.50 – 13.10

13.10 – 14.00

Emerging infectious diseases

Surveillance frameworks

The Gareth Davies Lecture

Executive Director, Bernhard Url, EFSA

The foundation of science-based risk assessment for decision support on food safety and animal health in EU

Closing of the Conference

BUFFET / TAKE AWAY LUNCH

SHUTTLE BUSES TO ELSINORE TRAIN STATION

OPTIONAL LOUISIANA MUSEUM TOUR



SRUC presenter is in the contest for the Scotland's Rural College award for best presentation by an early career scientists

For further information, please contact:
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