

WORKSHOPS/SEMINARS

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Antimicrobial resistance

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Economics and surveillance

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Contacts and concepts in epidemiology

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Latent class diagnostic test evaluations using OpenBUGS

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Use of tools to assess the risk and control of paratuberculosis

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An introduction to AMESH (Adaptive Methodology for Ecosystem Sustainability and Health)

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Conference organised by

Christine Fourichon and Thierry Hoch on behalf of SVEPM



**SOCIETY FOR VETERINARY EPIDEMIOLOGY
AND PREVENTIVE MEDICINE**

2010 ANNUAL CONFERENCE
WEDNESDAY 24th March – FRIDAY 26th March 2010

NANTES, FRANCE

Programme for the 2010 SVEPM Annual Conference

WEDNESDAY 24TH MARCH 2010

09.30 – 12.00

Workshops

Workshop 1:
Workshop 2:
Workshop 3:
Workshop 4:
Workshop 5:
Workshop 6:

Antimicrobial resistance
Economics and surveillance
Contacts and concepts in epidemiology
Latent class diagnostic test evaluations using OpenBUGS
Use of tools to assess the risk and control of paratuberculosis
An introduction to AMESH (Adaptive Methodology for Ecosystem Sustainability and Health)

12.30 – 13.30

LUNCH

13.30 – 13.45

Opening of the Conference

Session 1:
Chair Dirk Pfeiffer

Plenary Lecture

13.45 – 14.45

Prof James Wood, Director, Cambridge Infectious Diseases Consortium, Cambridge Veterinary School, University of Cambridge, UK

From pathogen adaption to host ecology: epidemiological and experimental contributions to the understanding of emerging infectious diseases

14.45 – 15.30

TEA

Session 2:
Chair Lis Alban

Salmonella

15.30 – 16.00

Baptista

The effect of source herd and abattoir factors on pig carcass Salmonella contamination evaluated by multilevel modelling
Early detection of Salmonella Dublin outbreak in cattle in Great Britain using spatial-temporal epidemiological methods

16.00 – 16.30

Papadopoulou

Session 3:

Chair Hans-Hermann Thulke

Spatial Modelling

16.30 – 17.00

Hendrickx

Predictive modelling of the wind spread of Culicoides species – a innovative approach which may contribute to improved vaccination schemes

17.00 – 17.30

Fediaevsky

Different geographical patterns of atypical and classical scrapie in France

17.30 – 19.00
19:00 - 21:30

POSTER SESSION OPENING & DRINKS RECEPTION
DINNER

THURSDAY 25TH MARCH 2010

Session 4: Epidemiological Tools

Chair Koen Mintiens

- 08.30 - 09.00 **Drewe** Application of epidemiological tools to the investigation of a wildlife disease
09.00 - 09.30 **Lewis** Using bioinformatics to identify risk factors for complex diseases
09.30 – 10.00 **Bougeard** Assessment of the overall risk factors for a composite outcome using multi-block modelling illustration on losses in broiler chicken flocks

10.00 - 10.30

COFFEE & POSTERS

Session 5: Equine Epidemiology

Chair Kristien Verheyen

- 10.30 - 11.00 **Stringer** A cluster-randomised controlled trial to evaluate knowledge-transfer interventions for rural working equid users in Ethiopia
11.00 - 11.30 **Maddox** Longitudinal study of antimicrobial resistant Escherichia coli in the faeces of horses admitted to an equine hospital
11.30 - 12.00 **Martinez Lopez** Use of social network analysis to characterize equine movements and identify premises at high risk for disease introduction and spread in Spain

12.00 – 13.15
13.15 – 14.15

**ANNUAL GENERAL MEETING
LUNCH**

Session 6: Dynamic Modelling

Chair Louise Kelly

- 14.15 – 14.45 **Andraud** Modelling PCV-2 within-herd dynamics: a focus on pig management practices
14.45 – 15.15 **Marcé** The influence of contact structure on disease transmission in a dairy herd using paratuberculosis as an example
15.15 – 15.45 **Comin** Estimate of basic reproduction number (R0) of low pathogenicity avian influenza outbreaks using a Bayesian approach

15.45 – 16.15

TEA & POSTERS

Session 7: Zoonoses

Chair Simon More

- 16.15 – 16.45 **Saegerman** Development of a systematic methodology based on molecular epidemiology to assess risk factors for bovine tuberculosis: the example of Belgium during 1995 to 2006 period
16.45 – 17.15 **Abernethy** Shifting the TB-control paradigm: an epidemiological critique of the bovine tuberculosis eradication scheme
17.15 – 17.45 **Heuer** Epidemiology and control of leptospirosis in New Zealand

20:00

DRINKS RECEPTION AND ANNUAL CONFERENCE DINNER

FRIDAY 26TH MARCH 2010

Session 8: Surveillance and Control

Chair Teresa Martinez

- 09.00 – 09.30 **Nielsen** Management practices reducing the test-prevalence of paratuberculosis in Danish dairy herds
09.30 – 10.00 **Ganser** Using gross enterprise output as an argument for endemic disease control at farm level
10.00 – 10.30 **Christley** Farmer attitudes and behavioural responses to introduction of premovement testing for bovine tuberculosis in Great Britain

10.30 – 11.00

COFFEE & POSTERS

Session 9: Avian Influenza

Chair Tim Parkin

- 11.00 – 11.30 **Van Steenwinkel** Risk-classifying poultry sites, based on biosecurity measures and onto/off farm movements: the Belgian case
11.30 – 12.00 **Paul** Farming practices and the risk of HPAI H5N1 in backyard poultry: a case-control study in Thailand

Session 10: The Gareth Davies Lecture

Chair Dirk Pfeiffer

- 12.00 – 13.00 **Prof David Waltner-Toews, Professor in Population Medicine, Department of Population Medicine, University of Guelph, Canada**

Beyond One World, One Health, and EcoHealth... What's out there?

13.00 – 13.15

Close of the Conference

13.15 – 14.00

BUFFET LUNCH

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SVEPM 2010

Nantes, France
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