

WORKSHOPS/SEMINARS

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RESIDENCY TRAINING FOR EUROPEAN COLLEGE OF VETERINARY PUBLIC HEALTH EXAMINATION: MISSION IMPOSSIBLE?

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RISK MODELLING USING R

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GOVERNANCE OF LIVESTOCK DISEASE

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MATCHING EXPECTATIONS: INTERDISCIPLINARY COMMUNICATION BETWEEN SCIENTISTS AND POLICY MAKERS

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Conference organised by

Dirk Pfeiffer, Kristien Verheyen and Melanie Collins on behalf of SVEPM



SOCIETY FOR VETERINARY EPIDEMIOLOGY AND PREVENTIVE MEDICINE

2009 ANNUAL CONFERENCE
WEDNESDAY 1st April – FRIDAY 3rd April 2009

LONDON, GREAT BRITAIN

Programme for the 2009 SVEPM Annual Conference

WEDNESDAY 1ST APRIL 2009

09.30 – 12.00

Workshops

- Workshop 1:** Residency training for European College of Veterinary Public Health examination: mission impossible?
Workshop 2: Participatory epidemiology
Workshop 3: Risk modelling using R
Workshop 4: Antimicrobial resistance
Workshop 5: Multi-level modelling
Workshop 6: Governance of livestock disease
Workshop 7: Matching expectations: interdisciplinary communication between scientists and policy makers

12.30 – 13.30

BUFFET LUNCH

13.30 – 13.45

Opening of the Conference

Session 1: **Chair Lis Alban**

13.45 – 14.45 **Prof. Katharina Stärk, Chair in Veterinary Public Health, Royal Veterinary College, United Kingdom**
Food safety challenges in a global market - are we ready?

Plenary Lecture

14.45 – 15.30

TEA

Session 2: **Chair Christine Fourichon**

15.30 – 16.00 **Mather** Evolution and patterns of antimicrobial resistance in *Salmonella* Typhimurium DT104 in animals and humans in Scotland: are they the same?
16.00 – 16.30 **Heller** Quantitative risk assessment for the acquisition of MRSA in dogs

Antimicrobial Resistance

Session 3: **Chair Tim Parkin**

16.30 – 17.00 **Koets** Shedding of *Mycobacterium avium* ssp. *paratuberculosis* in cattle is associated with single nucleotide polymorphisms in toll-Like Receptor 2
17.00 – 17.30 **Perez** Space-time and phylogenetic analysis of Vesicular Stomatitis Virus over-wintering in the United States

Genetic Epidemiology

17.30 – 19.00
19.00 – 21.00

POSTER SESSION OPENING & DRINKS RECEPTION
HOT FORK BUFFET DINNER

THURSDAY 2ND APRIL 2009

Session 4: Animal Health Economics

Chair Teresa Martinez

- 08.30 - 09.00 **Rat-Aspert** Impact of individual decision of farmers on the efficiency of vaccination at regional level: a modelling approach
09.00 - 09.30 **Velthuis** Economic impact of the Dutch bluetongue epidemic in 2006 and 2007 and evaluation of vaccination strategies for 2008
09.30 – 10.00 **Bennett** Economic modelling of livestock diseases: a decision support tool

10.00 - 10.30

COFFEE & POSTERS

Session 5: Decision Support

Chair Koen Mintiens

- 10.30 - 11.00 **Halasa** Meta-analyses on the efficacy of dry period interventions
11.00 - 11.30 **Frössling** Estimating the probability of freedom from PRRS in Sweden: a quick and dirty calculation or a more thorough approach – does it matter?
11.30 - 12.00 **Steenefeld** Bayesian networks for decision support on mastitis management on dairy farms

12.00 – 13.15

ANNUAL GENERAL MEETING

13.15 – 14.00

BUFFET LUNCH

Session 6: Epidemiological Methods

Chair Kristien Verheyen

- 14.00 – 14.30 **Parkin** Modelling hierarchical and cross-classified data structures during the investigation of horse racing injury
14.30 – 15.00 **Denwood** Use of a Bayesian method of analysis for faecal egg count reduction test data
15.00 – 15.30 **Boden** Use of a pre-clinical 'pen-side' test in the control of scrapie in a single UK sheep flock

15.30 – 16.00

TEA & POSTERS

Session 7: Science / Policy Interface

Chair Simon More

- 16.00 – 16.30 **Ellis-Iversen** Barriers and motivators that affect cattle farmers' decision to implement zoonotic control
16.30 – 17.00 **Grace** Development of a participatory methodology to prioritise milk-borne disease in data scarce environments
17.00 – 17.30 **Fournie** Impact of the implementation of rest days in live bird markets on the dynamics of Highly Pathogenic Avian Influenza: a modelling approach

18.30

**DRINKS RECEPTION & ANNUAL CONFERENCE DINNER
LORD'S CRICKET GROUND**

FRIDAY 3RD APRIL 2009

Session 8: Infectious Disease Modelling

Chair Richard Newton

- 09.00 – 09.30 **Chevalier** Epidemiology and environmental risk factors of West Nile infection in the Senegal River basin
09.30 – 10.00 **Lurette** Relevance of modelling hypothesis for epidemiological models: application to pathogen spread within pig herds
10.00 – 10.30 **Evans** Within-herd transmission dynamics of Porcine Reproductive and Respiratory Syndrome Virus (PRRSV)

10.30 – 11.00

COFFEE & POSTERS

Session 9: Network Analysis

Chair Louise Kelly

- 11.00 – 11.30 **Waret-Szkuta** Herd contact structure through common water and grazing points in highlands of Ethiopia
11.30 – 12.00 **Kallio** Consequences of networks in epidemiological predictions of FMD

Session 10: The Gareth Davies Lecture

Chair Lis Alban

- 12.00 – 13.00 **Dr. Jørgen Westergaard, Former Deputy Head of Unit, Animal Health, Animal Welfare and Zootechnics, European Commission**
The interaction between veterinary science, legislation and management in animal disease control in the European Union

13.00 – 13.15

Close of the Conference

13.15 – 14.00

BUFFET LUNCH

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