

WORKSHOPS/SEMINARS

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Application of syndromic surveillance methods to animal health and production data

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Bayesian animal- and herd-level prevalence estimation in OpenBUGS

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Basic epidemiological concepts

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Research knowledge synthesis and translation:
Bridging the gaps between science and policy in veterinary public health

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Molecular epidemiology for beginners

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Presentation and communication of complex epidemiological models

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Conference organised by
Tim Parkin *et al.* on behalf of SVEPM



With the support of



**SOCIETY FOR VETERINARY EPIDEMIOLOGY
AND PREVENTIVE MEDICINE**

2012 ANNUAL CONFERENCE
WEDNESDAY 28th March – FRIDAY 30th March 2012

GLASGOW, UK

Programme for the 2012 SVEPM Annual Conference

WEDNESDAY 28TH MARCH 2012

09.00 – 12.00

Workshops

Workshop 1: Application of syndromic surveillance methods
Workshop 2: Bayesian prevalence estimation in OpenBUGS
Workshop 3: Basic epidemiological concepts
Workshop 4: Research knowledge synthesis and translation
Workshop 5: Molecular epidemiology for beginners
Workshop 6: Presentation and communication of complex models

12.30 – 13.30

LUNCH

13.30 – 14.45

Opening of the Conference

Session 1:
Chair Christine Fourichon

Plenary Lecture

13.45 – 14.45 **Dr Didier Boichard, Institut National de la Recherche Agronomique**

Genomic selection: an opportunity for improving health of farm animals

14.45 – 15.30

TEA

Session 2:
Chair Hans-Hermann Thulke

Epidemiological Methods 1

15.30 – 16.00 **Nielen**

A latent class logistic regression model to identify risk factors for intramammary infections in dairy goats

16.00 – 16.30 **Russell**

A genetic epidemiological model of footrot in a sheep flock

Session 3:
Chair Teresa Martinez

Control Evaluation

16.30 – 17.00 **Salama**

Fish farm size and surrounding water current speeds dictate the separation distance required to avoid transmission of disease agents between production sites

17.00 – 17.30 **Mintiens**

Multi-criteria decision analysis for evaluating control options during FMD outbreaks

19.00 – 20.00

DRINKS RECEPTION AT THE CITY CHAMBERS

20.30 – 22.00

DINNER AT THE GRAND CENTRAL HOTEL

THURSDAY 29TH MARCH 2012**Session 4: Impact Assessment****Chair Liza Rosenbaum Nielsen**

- 08.30 - 09.00 **Taurel** Effectiveness of medical strategies combining antibiotics and vaccination to prevent *Coxiella burnetii* shedding in infected dairy cows
- 09.00 - 09.30 **Relun** Estimation of the relative impact of treatment and management factors on prevention of digital dermatitis by survival analysis
- 09.30 – 10.00 **Alban** Effect of the Yellow Card antimicrobial scheme in Denmark on meat inspection lesions found in Danish finisher pigs

10.00 - 10.30 COFFEE & POSTERS**Session 5: Risk Analysis****Chair Ann Lindberg**

- 10.30 - 11.00 **Beauvais** A stochastic model to identify break-even compensation values for individual farmers complying with test and slaughter programs
- 11.00 - 11.30 **Calvo-Artavia** A stochastic scenario tree model for evaluation of risk-based meat inspection for bovine cysticercosis
- 11.30 - 12.00 **Nigsch** Spatio-temporal model for African Swine Fever spread in the EU during the high risk period

**12.00 – 13.15 ANNUAL GENERAL MEETING
13.15 – 14.15 LUNCH****Session 6: Epidemiological Methods 2****Chair Louise Kelly**

- 14.15 – 14.45 **Dietrich** Influence of contact structure between host animals on the dynamics of infectious diseases
- 14.45 – 15.15 **den Uijl** Dealing with missing values: A comparison of techniques
- 15.15 – 15.45 **Santman-Berends** Comparing methods to estimate the reproduction ratio of Bluetongue

15.45 – 16.15 TEA & POSTERS**Session 7: Social Science****Chair Kristien Verheyen**

- 16.15 – 16.45 **Toma** A structural equation model of determinants of biosecurity behaviour of cattle and sheep farmers in Great Britain
- 16.45 – 17.15 **Upjohn** Classical epidemiological approach versus participatory methods: a comparison of two research methods applied to identification of key health issues for working horses in Lesotho
- 17.15 – 17.45 **Espetvedt** Nordic dairy farmers' intent to contact a veterinarian when detecting a case of mild clinical mastitis - consequences for disease recording.

18.30 – 19.30 *****NEW*** Poster tours ****NEW******20:00 **DRINKS RECEPTION AND ANNUAL CONFERENCE DINNER****FRIDAY 30TH MARCH 2012****Session 8: Surveillance****Chair Koen Mintiens**

- 09.00 – 09.30 **Brouwer** Syndromic surveillance on blood samples of aborting cows for early detection of (emerging) diseases
- 09.30 – 10.00 **El Allaki** Conceptual evaluation of veterinary and public health surveillance programs: method and example
- 10.00 – 10.30 **Prakarnkamananta** Improving the efficiency of the surveillance system for highly pathogenic avian influenza viruses subtype H5N1 in Thailand using scenario tree modelling

10.30 – 11.00 COFFEE & POSTERS**Session 9: Observational Studies****Chair Marnie Brennan**

- 11.00 – 11.30 **White** How important is neighbourhood spread in the persistence of bovine tuberculosis in Irish cattle herds?
- 11.30 – 12.00 **Krontveit** A cohort study of weight and environmental risk factors for canine hip dysplasia among four large breeds

Session 10: The Gareth Davies Lecture**Chair Christine Fourichon**12.00 – 13.00 **Professor Stuart Reid, Royal Veterinary College, UK**

Evidence-based prevention: well done or rare

13.00 – 13.15

Close of the Conference

13.15 – 14.00

BUFFET LUNCH

For further information, please contact:

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SVEPM 2012

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