

WORKSHOPS/SEMINARS

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Towards a risk-based meat inspection in the EU

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Session organisers:  
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Veterinary policy / Q-fever and One Health

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Contacts and concepts in epidemiology

**Kenton Morgan & Jackie Cardwell**  
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How to fit and interpret complex statistical models

**Giles Innocent**  
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Application of social science in epidemiology

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Conference organised on behalf of SVEPM



Hans-Hermann Thulke  
Dirk Eisinger, Johanna Hering, Martin Lange, Anke Müller  
&  
F & U confirm



SOCIETY FOR VETERINARY EPIDEMIOLOGY  
AND PREVENTIVE MEDICINE

2011 ANNUAL CONFERENCE  
WEDNESDAY 23<sup>rd</sup> March – FRIDAY 25<sup>th</sup> March 2011

Leipzig, Germany

**Programme for the 2011 SVEPM Annual Conference**

**WEDNESDAY 23<sup>RD</sup> MARCH 2011**

09.00 – 12.00

**Workshops**

Workshop 1:	Towards a risk-based meat inspection in the EU
Workshop 2:	Veterinary policy/Q-fever and One Health
Workshop 3:	Contacts and concepts in epidemiology
Workshop 5:	How to fit and interpret complex statistical models
Workshop 6:	Application of social science in epidemiology

**12.30 – 13.30**

**BUFFET LUNCH (KUBUS)**

13.30 – 13.45

Opening of the Conference

**Session 1:**

**Plenary Lecture**

**Chair Louise Kelly**

13.45 – 14.45 Dominic Mellor, University of Glasgow, UK

The trouble with epidemiology: the tyranny of numbers

**14.45 – 15.30**

**COFFEE BREAK**

**Session 2:**

**Social Sciences**

**Chair Kristien Verheyen**

15.30 – 16.00 **Higgins**

Probabilistic elicitation of veterinary prior beliefs to evaluate heterogeneity in opinions on the efficacy of systemic and intra-mammary dry cow therapy

16.00 – 16.30 **Schemann**

Horse industry participants' perceptions of bio-security efficacy: Veterinarians emerging as important information providers

**Session 3:**

**Multivariable Methods**

**Chair Christine Fourichon**

16.30 – 17.00 **Alarcon**

Risk factors associated with severity of post-weaning multi-systemic wasting syndrome in English pig farms

17.00 – 17.30 **van den Borne**

Estimating the proportion of clinical mastitis attributable to subclinical mastitis in dairy cattle using two multivariable statistical approaches

**17.30 – 18.30**

**POSTER SESSION OPENING & RECEPTION**

**20:00 – 23:30**

**DINNER (Auerbachs Keller)**

**THURSDAY 24<sup>TH</sup> MARCH 2011**

**Session 4: Open Session**

**Chair Ann Lindberg**

- 08.30 - 09.00 **Broens** Transmission of livestock associated multiresistant *Staphylococcus aureus* in pigs
- 09.00 - 09.30 **Berthiaume** Going beyond traditional approaches for modelling antimicrobial resistance data - the application of Bayesian Network Analysis
- 09.30 – 10.00 **Kostoulas** Variance partition coefficients in sample size estimation

**10.00 - 10.30**

**COFFEE & POSTERS**

**Session 5: Dynamic Modelling**

**Chair Dirk Pfeiffer**

- 10.30 - 11.00 **Hoch** Coupling tick population and parasite infection dynamics in order to test scenarios to control bovine babesiosis
- 11.00 - 11.30 **Courcoul** Key shedding features of *Coxiella burnetii* in cattle and implications for within-herd control
- 11.30 - 12.00 **Aznar** Using simulation to estimate the power of a badger vaccine trial

**12.00 – 13.15**  
**13.00 – 14.00**

**ANNUAL GENERAL MEETING  
LUNCH (Dining-Hall)**

**Session 6: Epidemiological Tools**

**Chair Koen Mintiens**

- 14.15 – 14.45 **Chalvet Monfray** Estimating spatial and temporal variations of the reproduction rate for epizootic: highly pathogenic avian influenza H5N1 in Thailand
- 14.45 – 15.15 **Downs** Meta-analysis of diagnostic test performance and modelling of testing strategies for control of bovine tuberculosis in Great Britain
- 15.15 – 15.45 **Lange** Does virulence decline by time in wild boar populations infected by classical swine fever virus?

**15.45 – 16.15**

**COFFEE & POSTERS**

**Session 7: Network Modelling**

**Chair Tim Parkin**

- 16.15 – 16.45 **Firestone** Adding the spatial dimension to the social network analysis of an epidemic
- 16.45 – 17.15 **Schley** Contact networks amongst domestic sheep: the potential for disease transmission in flocks
- 17.15 – 17.45 **Rasamoelina Andriamanivo** Role of the trading network in the diffusion of Newcastle disease in Lake Alaotra, Madagascar: A social network analysis

**20:15**

**ANNUAL CONFERENCE DINNER (Bus 19:15!!!)**

**FRIDAY 25<sup>TH</sup> MARCH 2011**

**Session 8: Science and Policy**

**Chair Teresa Martinez**

- 09.00 – 09.30 **Welby** Bovine tuberculosis in Belgium: Officially free but still sporadic outbreaks! Empirical approach for a risk based surveillance program
- 09.30 – 10.00 **de Vos-de Jong** Risk of introducing African horse sickness into the Netherlands by importation of equines
- 10.00 – 10.30 **Haesler** The economics of disease mitigation: a case study of bovine virus diarrhoea

**10.30 – 11.00**

**COFFEE & POSTERS**

**Session 9: Evaluation of Control Methods**

**Chair Liza Rosenbaum Nielsen**

- 11.00 – 11.30 **Nusinovici** A slight side-effect on fertility associated with vaccination against bluetongue virus serotype 8 in Holstein dairy cows
- 11.30 – 12.00 **Clegg** Full herd depopulation and local badger removal during 2003-2005 leads to reduced bovine tuberculosis risk in Irish herds

**Session 10: The Gareth Davies Lecture**

**Chair Louise Kelly**

- 12.00 – 13.00 Karin Schwabenbauer, Chief Veterinary Officer, Germany  
From science to policy - the case of classical swine fever control
- 13.00 – 13.15 Close of the Conference

**13.15 – 14.00**

**LUNCH (Dining Hall)**

For further information, please contact:

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