

WORKSHOPS

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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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Spatial analysis in epidemiology: an introduction

Session organisers: **Kim Stevens and Dirk Pfeiffer**
E-mail: kstevens@rvc.ac.uk

Aquatic animal epidemiology

Session organiser: **Paul Steinar Valle**
E-mail: paul.s.valle@kontali.no

Qualitative methods for epidemiology

Session organisers: **Rob Christley and colleagues**
E-mail: robc@liverpool.ac.uk

Applied multi-level modelling in a nutshell

Session organisers: **Cord Heuer**
E-mail: c.heuer@massey.ac.nz

How to estimate the risk of exotic disease incursion

Session organisers: **Helen Roberts and Rachelle Avigad**
E-mail: Helen.roberts@ahvla.gsi.gov.uk

Animal health & greenhouse gas emissions intensity

Session organisers: **John Tayleur and Tim Robinson**
E-mail: John.Tayleur@ahvla.gsi.gov.uk and t.robinson@cgjar.org

Conference organised by
Simon More and Daniel Collins on behalf of SVEPM



With the support of

The Department of Agriculture, Food and the Marine and the UCD School of Veterinary Medicine, Animal Health Ireland (AHI), Avia-GIS, BioMed Central, Cirad, Fáilte Ireland, Food Safety Authority of Ireland (FSAI), Marine Institute, Master of Veterinary Public Health-programme, the Faculty of Health and Medical Sciences, University of Copenhagen, MSD Animal Health, Nordic Society for Veterinary Epidemiology (NOSOVE), One Health Summer School, Royal Veterinary College (RVC), Teagasc, Zoetis and UCD CVERA



SOCIETY FOR VETERINARY EPIDEMIOLOGY AND PREVENTIVE MEDICINE
2014 ANNUAL CONFERENCE
WEDNESDAY 26TH MARCH – FRIDAY 28TH MARCH 2014
Dublin, Ireland

Programme for the 2014 SVEPM Annual Conference

Wednesday 26th March 2014

09.00 – 12.00

Workshops

- Workshop 1:** **Contacts and concepts: getting the most out of the conference**
- Workshop 2:** **Spatial analysis in epidemiology: an introduction**
- Workshop 3:** **Aquatic animal epidemiology**
- Workshop 4:** **Qualitative methods for epidemiology**
- Workshop 5:** **Applied multi-level modelling in a nutshell**
- Workshop 6:** **How to estimate the risk of exotic disease incursion**
- Workshop 7:** **Animal health & greenhouse gas emissions intensity**

12.30 – 13.30

LUNCH

13.30 – 13.45

Opening of the conference

Session 1:

Chair: Kristien Verheyen

Plenary Lecture

13.45 – 14.45

Professor Nils Toft, National Veterinary Institute, Technical University of Denmark

Confessions of a wannabe Bayesian

14.45 – 15.30

TEA & POSTERS

Session 2:

Chair: Bart van den Borne

Bovine Mastitis

15.30 – 16.00

Archer

Bayesian evaluation of budgets for endemic disease control; an example using a management change to reduce milk somatic cell count early in the first lactation of Irish dairy cows

16.00 – 16.30

Cousin

Effects of different mastitis support strategies on dairy farmers' motivation, prevention behaviour, and their herds' udder health status

Session 3:

Chair: Rob Christley

Drug Resistance

16.30 – 17.00

Falzon

A systematic review and meta-analysis of factors associated with anthelmintic resistance in sheep

17.00 – 17.30

Brunton

Assessment of the impact of feeding waste milk containing antibiotic residues on the prevalence of extended spectrum beta-lactamase producing *E. coli* in calves

18.30

TOUR, DRINKS RECEPTION AND DINNER AT TRINITY COLLEGE

Thursday 27st March 2014

Session 4:

Chair: Marie McIntyre

- 08.30 – 09.00 **Chanda** Understanding spatial variation in risk of bluetongue outbreaks across South India using a Bayesian Poisson regression model
- 09.00 – 09.30 **Veldhuis** Schmallenberg virus epidemic in the Netherlands: Impact on milk production and reproductive performance in dairy cattle
- 09.30 – 10.00 **Thulke** Digging into the myth – African swine fever, Russian wild boar and the endemicity hypothesis

10.00 - 10.30

Emerging Infections

COFFEE & POSTERS

Session 5:

Chair: Liza Rosenbaum Nielsen

- 10.30 – 11.00 **Hay** Risk factors for bovine respiratory disease in Australian feedlot cattle: using a causal diagram-informed approach to estimate total effects of mixing and group size before feedlot entry
- 11.00 – 11.30 **Mörk** Risk factors associated with on-farm mortality in Swedish first parity dairy cows
- 11.30 – 12.00 **Santman-Berends** Evaluating calf rearing practices and calf mortality in dairy herds: a multidisciplinary approach

12.00 – 13.15

Cattle Health Management

ANNUAL GENERAL MEETING

13.15 – 14.15

LUNCH

Session 6:

Chair: Ann Lindberg

- 14.15 – 14.45 **Wauters** Socio-psychological veterinary epidemiology. A new discipline for an old problem
- 14.45 – 15.15 **Bettridge** Which came first? Using canonical ordination to explore infection-interactions in Ethiopian village chickens
- 15.15 – 15.45 **Bryssinckx** Accurate livestock number estimates in mixed farming systems through a multi-model approach

15.45 – 16.15

TEA & POSTERS

Session 7:

Chair: Hans-Hermann Thulke

- 16.15 – 16.45 **Durr** How far will a dog roam? Movements of dogs in aboriginal and Torres Strait Islander communities and implications for rabies spread
- 16.45 – 17.15 **Pruvot** What attracts elk onto beef cattle pastures? A distribution modelling approach to wildlife-livestock contact structure
- 17.15 – 17.45 **Frössling** A new measure for probability based assessment of risk of disease introduction in animal networks

18.00 – 19.00

Animal Contact Structures

POSTER TOURS

20.00

TOUR, DRINKS RECEPTION AND ANNUAL CONFERENCE DINNER AT THE GUINNESS STOREHOUSE

Friday 28th March 2014

Session 8:

Chair: Koen Mintiens

- 09.00 – 09.30 **Robinson** Survival and risk factors for lateral spread of bovine TB in cattle herds exposed to infection at pasture in Northern Ireland
- 09.30 – 10.00 **Byrne** Spatio-temporal trends in tuberculosis prevalence in the European badger (*Meles meles*) in the Republic of Ireland
- 10.00 – 10.30 **Clegg** The relative effectiveness of testers during field surveillance for bovine tuberculosis in Ireland

10.30 – 11.00

Bovine Tuberculosis

COFFEE & POSTERS

Session 9:

Chair: Marnie Brennan

- 11.00 – 11.30 **Chauzat** When epidemiology meets apidology: a pan European surveillance program on honeybee colony losses (*Apis mellifera*)
- 11.30 – 12.00 **Verdonck** An improved method for qualitative risk assessment - validation and application to a bee pest

Bee Health Management

Session 10:

Chair: Kristien Verheyen

- 12:00 – 13:00 **Professor Ian Gardner, Centre for Veterinary Epidemiological Research, University of Prince Edward Island, Canada**
Bridging the gap in infectious disease epidemiology between aquatic and terrestrial food animals; challenges and future opportunities

The Gareth Davies Lecture

13.00 – 13.15

Close of the Conference

13.15 – 14.00

GRAB and GO LUNCH

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