



**SOCIETY FOR VETERINARY EPIDEMIOLOGY
AND PREVENTIVE MEDICINE**

<http://www.svepm.org.uk>

SVEPM PROPOSAL FORM FOR ORGANIZING A PRE-CONFERENCE WORKSHOP

Please complete the expandable table below and return by email by August 31st 2018 to the SVEPM Honorary Secretary, Philip Robinson at secretary@svepm.org.uk.

<i>Title of the Workshop</i>	Evaluating the epidemiological and economic impact of control options for cross-border spread of foot-and-mouth disease in EU countries using the EuFMDiS simulation model.
<p><i>Workshop facilitators</i> Please provide name, affiliation and email address Underline the name of the contact person One facilitator will receive free registration to the SVEPM annual meeting</p>	<p>Graeme Garner, mgg2904@hotmail.com <u>Koen Mintiens</u>, European Commission for the Control of Foot-and-Mouth Disease (EuFMD), koen.mintiens@fao.org Maria de la Puente, EuFMD, maria.delapuentearvalo@fao.org Richard Bradhurst, University of Melbourne, richard.bradhurst@hotmail.com Shankar Yadav, EuFMD, shankar.yadav@fao.org</p>
<i>Learning objectives and expected outcomes</i>	<ul style="list-style-type: none"> • Familiarise participants with the control options to contain Foot-and-Mouth disease (FMD) in the EU and the resulting epidemiological and economic impact. • Introduce the participants to simulation modelling that can compare the outcomes of different control options and epidemic settings for FMD outbreaks covering different countries
<i>Content and structure</i>	<p>Foot-and-mouth disease is highly contagious and could be difficult to contain within the borders of a single country in the European Union (EU). Free movement of animals, goods and persons between EU Member States may cause cross-border spread of FMD which can complicate the containment. Also, delayed detection of an incursion could escalate the magnitude of an epidemic and economic losses. EU regulations provide different control options (e.g. emergency vaccination, preventive slaughter) which may differ in efficiency and socio-economic impact depending on the livestock areas where they are implemented.</p> <p>During the first part of the workshop, participant will be introduced to the context of controlling FMD outbreaks in the EU. Further, the EuFMDiS model will be presented and its capacity to simulate FMD-outbreaks in several EU countries and evaluate the conditions in which these outbreaks can occur and different approaches to control will be demonstrated.</p> <p>During the second part of the workshop, the participants will use the EuFMDiS model to work on a number of scenarios under</p>

	<p>which FMD can spread and be controlled. They will evaluate the different control options that can be implemented by looking at the epidemiological and economic outputs that the model will provide.</p>
<p><i>Materials provided by the facilitators</i></p>	<p>Participants will receive handouts from the presentations, the user's manual of the EuFMDiS model and an exercise file listing a number of scenarios.</p> <p>The facilitators will help the participants to set up and run the different scenarios in the EuFMDiS model.</p>
<p><i>Maximum number of participants</i></p>	<p>25</p>
<p><i>Assumed knowledge of participants</i></p>	<p>Knowledge of the epidemiology and control of emerging diseases as FMD, ASF, AI, etc</p>
<p><i>Required meeting room set-up and equipment, including number of power points (for laptops)</i></p>	<ul style="list-style-type: none"> • 5 tables that can seat 5 participants + 1 tutor around a laptop computer. • A power connector for each table. • Projector for powerpoint presentation • 1 flip chart