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 2019 to the SVEPM Honorary Secretary, Philip Robinson at secretary@svepm.org.uk, and Alexis Delabouglise at alexis.delabouglise@cirad.fr

Title of the Workshop	**Extraction of medical terms from non-structured (textual) data from online news and social media**
Workshop facilitators 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	Mathieu Roche, UMR TETIS CIRAD Rémy Decoupes, UMR TETIS CIRAD Roberto Interdonato, UMR TETIS CIRAD
Learning objectives and expected outcomes	The analysis of large volume of textual data requires the use of text-mining approaches. They enable to discover knowledge useful for experts of different domains (e.g. epidemiology etc.). The workshop will present some approaches in order to deal with heterogenous textual data by focusing on the identification of thematic medical information in texts.
Content and structure	Part 1 – Introduction to Natural Language Processing (NLP) applied to Health domain Part 2 - Application 1 : Terminology extraction Natural Language Processing (NLP) (1) Data acquisition (texts from online news & tweets) (2) Experiments with terminology extraction approaches (e.g. BioTex, Faster, etc.), with practical applications on surveillance of African Swine Fever (ASF) and Covid-19. (3) Discussion of the results More information at : https://agritrop.cirad.fr/588727/
Materials provided by the facilitators	Exercise textual data (extracted from online news, social media) will be provided by facilitators. Textual data will include a corpus of news articles on ASF and corpus of tweets on COVID-19.
Maximum number of participants	12
Assumed knowledge of participants	No previous knowledge

Committee: K.M. McIntyre (President); M. Brennan (Senior Vice-President); G. van Schaik (Junior Vice-President); P. Robinson (Honorary Secretary); D. Brodbelt (Honorary Treasurer); L. Boden; F. Dórea; T. Vergne; L.P.Carmo; D. Barrett (co-opted)

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