II WORKSHOP ON "MODELLING AND SIMULATION OF EPIDEMICS"

http://www.mat.ucm.es/momat/2WEpidemics/

SCHEDULE:

09.00 Welcome

09.15 **Andrés Fraguela Collar,** BUAP (México) - "Some mathematical problems arising in the study of epidemiological models involving vector-borne diseases: The case of dengue fever".

10.00 **Antonio Gómez Corral,** UCM (Spain) - "Heterogeneous infectiousness and susceptibility in a stochastic SIS epidemic model"

10.45 **Benjamin Ivorra,** UCM (Spain) - "Be-CoDiS: A mathematical model to predict the risk of human diseases spread between countries. Validation and application to the 2014-15 Ebola Virus Disease epidemic"

12.00 **Eduardo Fernández Carrión,** UCM (Spain) - "Be-FAST: a time-spatial stochastic spread model for studying the transmission of infectious livestock diseases and its economic impact"

12.45 **Elisabeta Vergu,** INRA (France) - "Cattle trade movements in France as static and dynamic networks: proxies for epidemiological risk and modeling of pathogen spread and control"

13.30 Round table - Challenges in mathematical modelling for epidemiology - Chairman: José Manuel Sánchez-Vizcaíno (UCM-Spain)

The attendace to the workshop is free.
To register, please send an e-mail to angel@mat.ucm.es with the following information:
First Name, Last Name, Institution, Possition and E-mail

Workshop organized by the Research Group "Mathematical Models in Science and Technology: Development, Analysis, Numerical Simulation & Control" (MOMAT) in the framework of the Project MTM2011-22658

Fecha: 26 de mayo de 2015, 9:00
Lugar: Seminario Alberto Dou (Aula 209)
Facultad de CC Matemáticas, UCM