

Actividades IMI - Workshop: II Workshop on "Modelling and Simulation of Epidemics"

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II Workshop on "Modelling and Simulation of Epidemics"

Fecha: **26 de mayo de 2015.**

Hora: 9:00 horas.

Lugar: Seminario Alberto Dou (209), Facultad de Ciencias Matemáticas, UCM.

Organizan: Grupo MOMAT, Departamento de Matemática Aplicada e IMI.

Schedule

09.00 Welcome

09.15 **Andrés Fraguera 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 attendance 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, Position and E-mail

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