



UNIVERSITÀ DEGLI STUDI  
DI PERUGIA

**I SEMINARI DEL DOTTORATO in  
SCIENZE E BIOTECNOLOGIE AGRARIE, ALIMENTARI E  
AMBIENTALI**

# **Epidemics, Population Dynamics: Prevention and Containment**

The seminar will offer an informal presentation of the modelling technique of the diffusion of infectious diseases. Various features of the modelling elements and of their interaction with the population structure will be examined, using compartmental graphics and simulation curves. Basic mathematics underlying the models and their use in forecast and prevention/containment will also be briefly addressed

**Relatore:**

**Prof. Schinaia Giuseppe**

RUI (ricercatore a tempo indeterminato) at Sapienza, Università di Roma, MEMOTEF department.

Insegnamenti: basic and advanced statistics, basic mathematics, survival analysis, mathematical epidemiology, differential equations.

Interessi di ricerca: human genetics, carcinogenesis, survival analysis, mathematical epidemiology, population dynamics, non linear systems and chaos, mathematical music theory.

Ven **26**

febbraio/21

ore **15:00**

**l'incontro si svolgerà sulla  
piattaforma Teams [Link](#)**