

# Individual-based Modelling in Epidemiology

## *A Practical Introduction*

### WHEN?

14-18 May 2018

### HOW?

"Classroom models" and hands-on mini-projects with NetLogo and RStudio

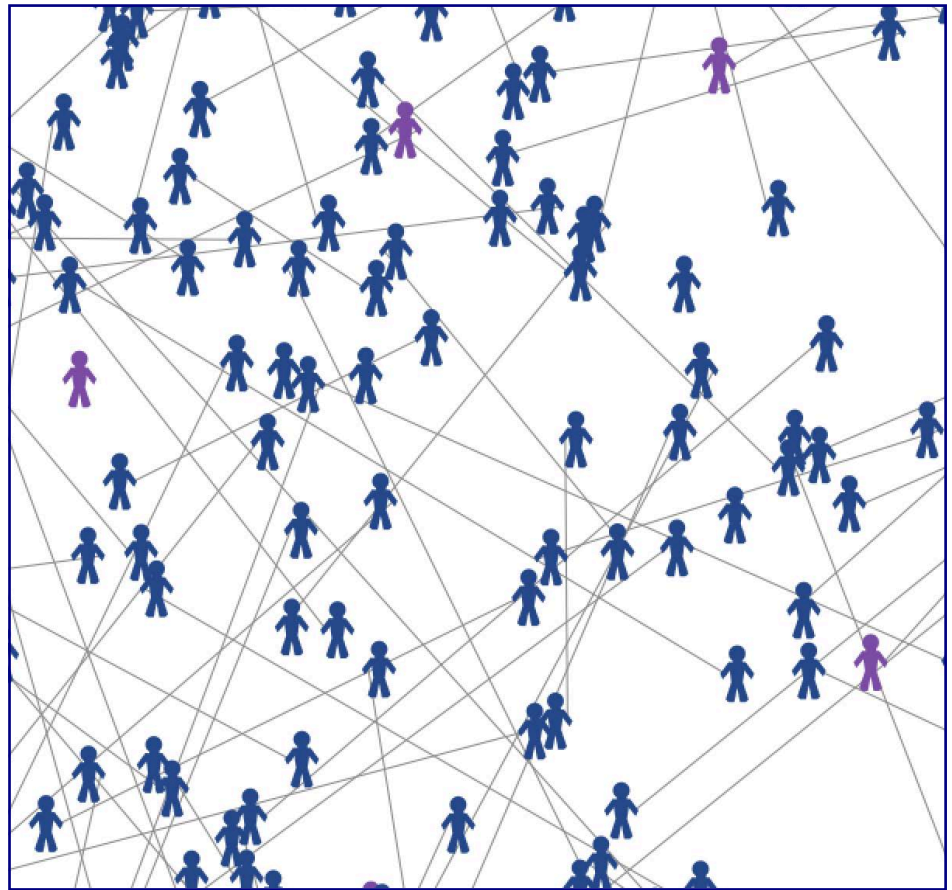
### INSTRUCTORS?

Wim Delva  
(SACEMA, Ghent University, Hasselt University, KU Leuven)

Lander Willem  
(University of Antwerp)

### WHERE?

SACEMA, Stellenbosch University, South Africa



### WHAT?

Focus on the principles of conceptualising a model world, coding the model, analysing its behaviour, fitting it to data and communicating its results, with practical model examples in the epidemiology of HIV, Influenza, Malaria and Diabetes

### FOR WHOM?

Postgrad students, postdocs and health science professionals whose work potentially involves the design and/or use of individual-based models in epidemiology. Prior experience with R is a plus. Prior experience with NetLogo is not required

### FEES & APPLICATION FORM?

R6000 / 500€ for early bird registration:  
<http://sacema.com/node/Individual-Based-Modelling-in-Epidemiology>

