

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

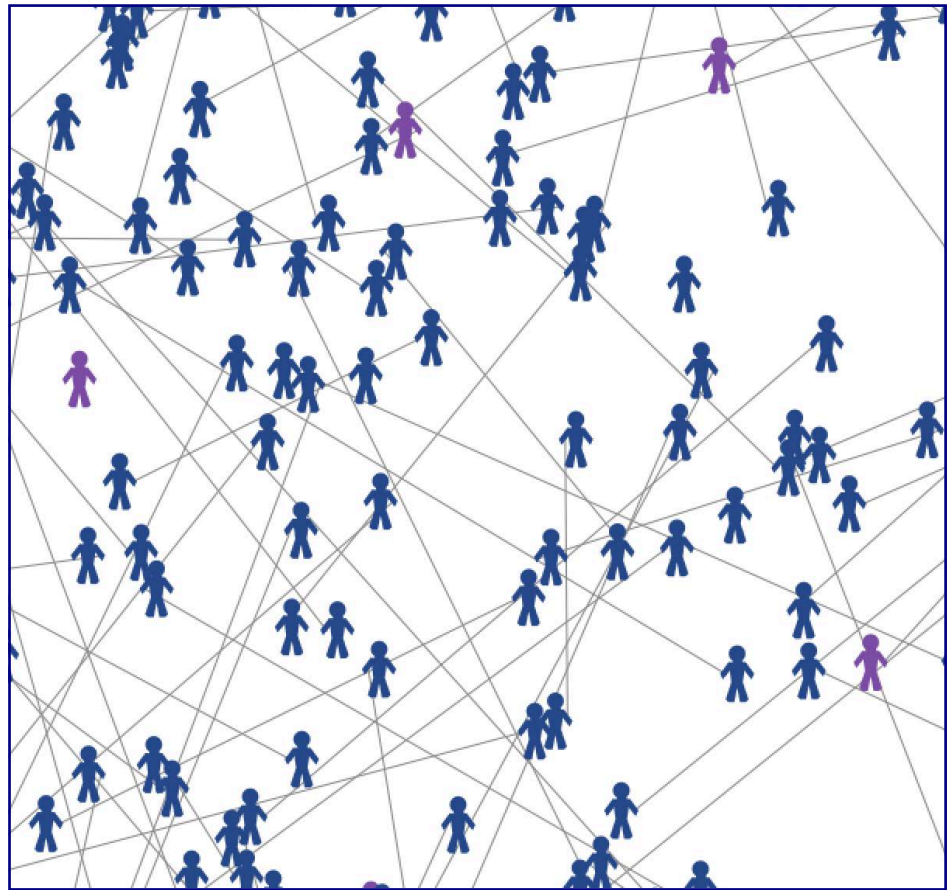
INSTRUCTORS?

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?

To be announced on www.sacema.org in early 2018.

