

Modern Techniques in Modelling

LONDON
SCHOOL of
HYGIENE
& TROPICAL
MEDICINE



Course organisers

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Course administration

- Damian Keane Damian.Keane@lshtm.ac.uk

Lecturers and Demonstrators

- Johnny Filipe, David Hodgson, Alexis Robert, Alex Richards, Billy Quilty, Sam Abbott, Kaja Abbas, Carl Pearson, Seb Funk, Han Fu (All LSHTM / CMMID-based)

Your feedback is important to us!

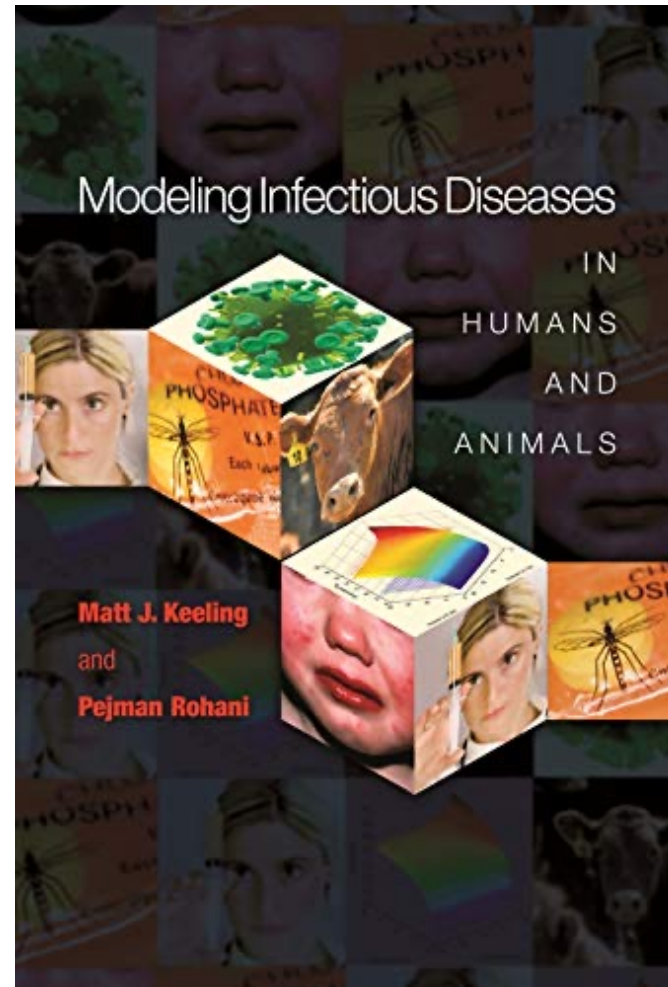
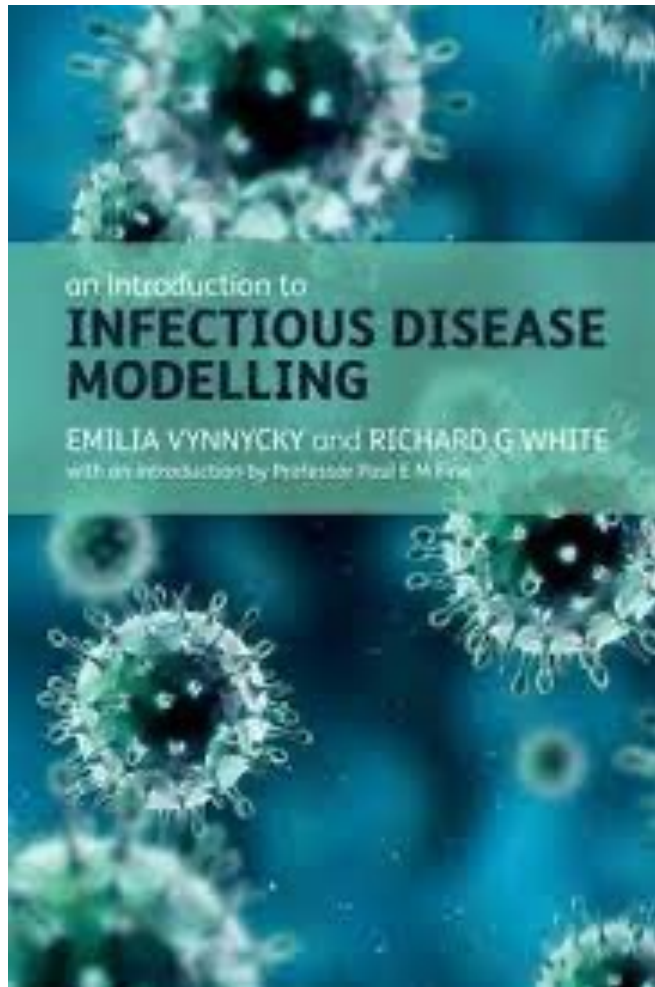
Please complete the feedback form on Moodle after the course — tell us what we did well and what we could improve.

And please don't hesitate to ask questions during the course.

Resources

- All course information (timetable, links etc) on Moodle
<https://ble.lshtm.ac.uk/>
(shout out now if you haven't logged-in! Or cannot access wifi)
- All exercises completed using Rstudio
(shout out now if you haven't downloaded it!)
- Lecture slides on Moodle (and lecture recordings at end of each day)
- Practical session exercises and solutions will be downloaded via R package (details to follow in next session)
- DISCUSSION BOARD on Moodle for **everyone**
 - please feel free to introduce yourself more fully there if you wish

Further resources



Model Fitting and Inference for Infectious Disease Dynamics

Overview Course objectives How to apply

Overview

Course dates: 4 - 7 July 2023

The course will take place in London, UK.


A short course taught by members of the [Centre for the Mathematical Modelling of Infectious Diseases](#).

There is a growing demand for mathematical modellers in public health to explain observed disease trends and predict the outcome of interventions, often by synthesising information from different data sources. At the same time, increasing computational power and methodological advances are providing exciting opportunities to fit ever more complex mechanistic models to data. In light of the speed of methodological advances and the broad nature of the field, the task of choosing from the available methods and packages, as well as putting them into practice, can be daunting.

 Admissions status

 Applications open

[Apply now](#)

 Course organisers

[Sebastian Funk](#)

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