

Announcement

Upcoming COURSE in Modelling Infectious Diseases and Health Economic Evaluation of Vaccines

ANTWERP
17-21 September 2018



Programme

- DAY 1 – Mon 17th Sept (11h-17h):
Introduction to Mathematical models
for infectious diseases (using R)
- DAY 2 - Tue 18th Sept (9h-17h):
Inferring parameters from data
(using R)
- DAY 3 - Wed 19th Sept (9h-17h):
Meta-population and agent-based
models (using R)
- DAY 4 – Thu 20th Sept (9h-17h)
Introduction to health economic
evaluation: general concepts and
dealing with uncertainty (with
practical applications using R and
MS Excel)
- DAY 5 - Fri 21st Sept (9h-15h)
Economic evaluation of vaccination
programmes: specific issues (with
practical applications using R and
MS Excel)
- Participants can choose which set of
days to attend DAYS 1-3 or/and
DAYS 4-5.

Who should attend?

People who have an interest in
quantitative research, and who want to
learn about infectious disease models
and health economic evaluation. Eg,
health economists, (bio)statisticians
and mathematicians who want to
expand their toolbox, as well as health
science professionals and policy
advisors who want to have a deeper
understanding of cost-effectiveness
analysis when it is applied to vaccines.

Participants

Minimum 10, maximum 30

Participants are expected to bring a
laptop computer with freeware R
(<http://www.r-project.org/>) and MS
Excel (2003 or later) installed on it.

They are expected to be relatively
familiar with R. If not, following an
online R course prior to the SIMID
course is necessary (information will
be provided).

Participants do not need
prior experience in economic or
infectious disease modelling.

Subscription fees per person (includes
tuition, course materials (handouts and
memory stick), lunch and coffee
breaks):

Students/nonprofit/profit sector

DAYS 1 - 3: €400/€600/€900

DAYS 4 - 5: €250/€400/€600

DAYS 1 - 5: €600/€900/€1400

A discount of 50 euro will be
given to members
of the Quetelet society.



Nonprofit rates
apply to ISCB members

Location

University of Antwerp,
City campus,
Prinsstraat 13, 2000 Antwerp

(easy to reach by public transport)

Instructors

Prof Philippe Beutels, Prof Joke Bilcke,
Prof Niel Hens, Dr Lander Willem

All instructors are researchers of the
SIMID group, i.e. members of
the Centre for Health Economics
Research & Modelling Infectious
Diseases (CHERMID), Vaccine &
Infectious Disease Institute at the
University of Antwerp and/or of the
Center for Statistics, Interuniversity
Institute of Biostatistics and statistical
Bioinformatics at the Universities of
Hasselt and Leuven.

The instructors have published an
influential body of methodological and
applied work on health economics and
modelling of infectious diseases,
including a text book covering subjects
of DAYS 1-3 (Hens et al. Springer
international, 2012).

*"Thanks again for a rewarding week in
Brugge. We have made it back to work,
full of ideas and enthusiasm." (Sharon,
Sweden)*

*"Very educational! Just the right
material, practical exercises and
interaction to make this complex matter
your own." (Suzanne, The Netherlands)*

Further information and registrations: [click here](#)
Closing date for subscriptions: Tuesday 31st July 2018
Email: info@simid.be
Website: www.simid.be

 Health Economics & Modelling Infectious Diseases
Vaccine & Infectious Disease Institute
University of Antwerp

 UHASSELT

 I-BioStat

 KU LEUVEN

Interuniversity Institute for Biostatistics
and statistical Bioinformatics