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[Home](#) > EPIDEMICS 5: 5th International Conference on Infectious Disease Dynamics

Tuesday, December 1, 2015 - 09:00 to

Friday, December 4, 2015 - 18:00

Type

[General event](#) ^[1]

Target

[Healthcare Professionals](#) ^[2]

Topic

[Epidemiology](#) ^[3]

Tags

[epidemiology](#) ^[4]

[Event](#) ^[5]

Epidemics 5 will bring together international delegates for three days of intense dialogue on ideas, data, insight, models and methods in the field of infectious disease dynamics.

Invited plenary speakers will lead a topical programme supplemented by around 80 contributed oral presentations and lively and stimulating poster sessions. A short course "[Using genomic data to uncover the dynamics of infectious diseases](#) ^[6]" will take place on December 1, in advance of the main conference.

Topics include:

- Dynamics of infectious diseases of humans
- Dynamics of infectious diseases of animals
- Within-host dynamics and immuno-epidemiology
- Ecology of infectious diseases
- Evolution and phylodynamics in

infectious diseases

- Dynamics and consequences of antimicrobial resistance
- Global, economic and policy aspects of control and prevention
- Statistical methods for infectious disease data
- Social, spatial and network aspects of interaction
- Problems related to the "end game" of eradication
- Zoonoses and other cross-species events
- Vector-borne diseases
- Host behaviour and infectious diseases
- Multi-host and multi-pathogen/parasite systems
- Problems in vaccine-preventable infections & vaccination strategy
- Modelling for Ebola, its control and vaccination strategy
- Problems in neglected tropical macroparasitic diseases

For further information visit [the site](#) [7].

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Action plan on **S**cience in **S**ociety related issues in **E**pidemics and **T**otal pandemics
European Commission

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Links

- [1] <https://www.asset-scienceinsociety.eu/event-type/general-event>
- [2] <https://www.asset-scienceinsociety.eu/target/healthcare-professionals>
- [3] <https://www.asset-scienceinsociety.eu/topic/epidemiology>
- [4] <https://www.asset-scienceinsociety.eu/tags/epidemiology>
- [5] <https://www.asset-scienceinsociety.eu/tags/event>
- [6] <http://www.epidemics.elsevier.com/short-course.html>
- [7] <http://www.epidemics.elsevier.com/>