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Tuesday, December 1, 2015 - 09:00 to

Friday, December 4, 2015 - 18:00

Type

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Target

[Healthcare Professionals](#) [2]

Topic

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Epideemics 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 **Science in Society** related issues in **Epidemics** and **Total pandemics**
European Commission

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