

Contagion '14: Modeling of Disease Contagion Processes, 3rd edition

An ECCS '14 Satellite

September 25, 2014 – Sala dell’Affresco, San Micheletto complex, Lucca, Italy.

9.00am	<i>opening</i>
9.10-9.50am	Jacco Wallinga (RIVM, the Netherlands) Transmission networks from sequence data
9.50-10.10am	Lander Willem (University of Antwerp, Belgium) Within-household contact networks and their implication for epidemics
10.10-10.30am	Piero Poletti (Bocconi University, Italy) The role of household transmission for RSV infection in Kenya
10.30-10.50am	Taro Takaguchi (National Institute of Informatics, Japan) Population-dependent contact rate on metapopulation susceptible-infected-susceptible epidemic dynamics
10.50-11.20am	<i>coffee break</i>
11.20-11.40am	Clara Granell (Rovira i Virgili University, Spain) Competing spreading processes on multiplex networks: awareness and epidemics
11.40-12.00pm	Fakteh Ghanbarnejad (MPI for physics of complex systems, Germany) Cooperative Coinfections can lead to abrupt outbreaks
12.00-12.20pm	Joaquin Sanz (University of Zaragoza, Spain) Dynamics of Interacting epidemics
12.20-12.40pm	Peter Fennel (University of Limerick, Ireland) Statistically Exact Simulation of Contagion Dynamics on Networks
12.40-1.00pm	Arkadiusz Stopczynski (Technical University of Denmark, Denmark) Sampling in Micro-Dynamics of Epidemics Spreading
1.00-2.30pm	<i>lunch break</i>
2.30-3.10pm	Rowland Kao (University of Glasgow, UK) The contribution of phylodynamics to understanding multi-scale infection processes on networks
3.10-3.30pm	Gianluigi Rossi (University of Parma, Italy) Epidemiological modeling for the assessment of bovine tuberculosis surveillance in the dairy farm network in Emilia Romagna (Italy)
3.30-3.50pm	Samantha Lycett (University of Glasgow, UK) Transmission pattern inference using sequence data for livestock disease systems
3.50-4.00pm	<i>break</i>
4.00-4.20pm	Davide Colombi (Institute for Scientific Interchange, Italy) On the mechanisms for persistence of the European Bat Lyssavirus subtype 1 (EBLV-1)
4.20-4.40pm	Lorenzo Argente (University of Turin, Italy) Estimating the effectiveness of a multi-component meningococcal vaccine through a Monte Carlo likelihood approach based on dynamic modeling
4.40-5.00pm	Tjibbe Donker (University Medical Center Groningen, the Netherlands) Controlling the spread of resistance through patient referral networks
5.00-5.30pm	<i>coffee break</i>
5.30-5.50pm	Laura Fumanelli (Bruno Kessler Foundation, Italy) Assessing the likelihood of containing an accidental laboratory escape of a potential pandemic influenza virus
5.50-6.10pm	Andrea Parisi (University of Lisbon, Portugal) Investigating the influence of human mobility on local and global dynamics