

**ECCS2013 Satellite meeting:  
Contagion '13: Modeling of Disease Contagious processes  
2nd edition**

*Organizer: Sandro Meloni, Chiara Poletto, Vittoria Colizza, Yamir Moreno*

Wed Sept 18, 2013

9.10-9.25 **opening and commemoration of Duygu Balcan**

9.25-10.05 **Ken Eames, *Epidemics in humans: measuring and modelling contact patterns***

10.05-10.25 Stefano Merler and Marco Ajelli. *Quantifying influenza transmission in different social contexts*

10-25-10.45 Marc Baguelin, Stefan Flasche, Anton Camacho, Nikos Demiris, Elizabeth Miller and John Edmunds. *Assessing changes in vaccination programmes of seasonal influenza: an evidence synthesis and modeling study*

10.45-11.30 coffee break

11.30-11.50 Vicki Hertzberg, Tiffany Williams, Praphat Fernandes, Shirin Jabbarzadeh, Lisa Elon and Douglas Lowery-North. *Potential for Cross Infection in the Emergency Department Waiting Room*

11.50-12.10 Ben Hu, Michael Tildesley, David Schley, Simon Gubbins and Leon Danon. *Multi-scale modelling of foot-and-mouth disease*

12.10-12.30 Andrea Apolloni, Achla Marathe and Zhengzheng Pan. *The spread of obesity among U.S. teenager: causality relation between marginalization and obesity*

12.30-12.50 Joaquín Sanz, Sergio Arregui and Yamir Moreno. *Quantitative evaluation of vaccination strategies for tuberculosis*

12.50-1.10 Suyu Liu, Nicola Perra, Marton Karsai and Alessandro Vespignani. *Controlling Contagion Processes in Time-Varying Networks*

1.10-1.30 Jessica Enright and Rowland Kao. *The effect of heterogeneity among agents on a graphical game simulating the spread of an infectious disease*

1.30-3.00 lunch

3-3.40

**James Gleeson, *Approximation methods for contagion processes on complex networks***

3.40-4.00

Paolo Moretti and Miguel Angel Munoz. *Persistent contagion in hierarchical networks*

4.00-4.20

Rafael Vida, Javier Galeano and Sara Cuenda. *Epidemic dynamics on multiplexed networks: The interplay between social and physical layers*

4.20-5.00

coffee break

5.00-5.20

Marta Sarzynska, Elizabeth Leicht, Gerardo Chowell and Mason Porter. *Community detection in spatially embedded epidemic networks*

5.20-5.40

Samik Datta. *Modelling the spread of American Foulbrood in honey bees*

5.40-6.00

Benjamin Girault, Éric Fleury and Paulo Gonçalves. *Function analysis through wavelets on dynamic contact graphs*

6.00-6.20

Daniel Pinto. *A modified pair approximation*