

MMEMS Network EPSRC Workshop

Coevolution: Models and microbial model systems

School of Biological Sciences, University of Liverpool

Talks will be held in Lecture Theatre 2, Life Sciences Building, Crown Street, L69 7ZB

14th April 2010

10.30-11.20 Registration and coffee

11.20-11.30 Welcome

11.30-12.15 **Britt Koskella** "A bacterial parasite's host environment shapes the scale of hyperparasitic phage adaptation"

12.15-13.00 **Mike Boots** "Contrasting coevolutionary dynamics of specific and general resistance and the tragedy of tolerance"

13.00-14.00 Lunch

14.00-14.45 **Angus Buckling** "Bacteria-phage coevolution in the lab and in the field"

14.45-15.30 **Andy Fenton** "Models of host-parasite coevolution: extending the gene-for-gene paradigm"

15.30-16.00 Coffee break

16.00-18.00 Poster session and wine reception (Seminar Room 02, Life Sci Building)

19.00 Dinner at the Racquet Club

15th April 2010

9.30-10.15 **Akira Sasaki** "Forecasting host-parasite arms races: models and time-series data"

10.15-11.00 **Dominik Refardt** "Evolutionary ecology of temperate phages: the roles of prophage induction and polylysogeny"

11.00-11.30 Coffee break

11.30-12.15 **Oliver Kaltz** "Experimental evolution of behavioural resistance in the Paramecium-Holospora system"

12.15-13.00 **Eva Kisdi** "Adaptive dynamics and the diversification of pathogens"

13.00 Close