Thursday
9:00 - 9:20am  Welcome Address
9:20 - 10:00am David Patrick: Mathematical Modeling: The View from Public Health Practice
10:00 - 10:40am Jan Medlock: Optimizing Influenza Vaccine Allocation
10:40 - 11:10am Coffee Break
11:10 - 11:50am Katia Koelle: The effect of vaccination on influenza's rate of antigenic drift
11:50 - 1:00pm Lunch
1:00 - 1:40pm Alan Perelson: Multiscale Modeling of Hepatitis C Virus Infection
1:40 - 2:30pm Free Discussion time
2:30 - 3:00pm Coffee Break
3:05 - 3:30pm Stanca Ciupe: Models of immune tolerance and activation in HBV infection
3:30 - 4:10pm Jane Heffernan: Vaccination Against Genital Herpes
4:10 - 4:35pm Joshua Schiffer: Rapid Localized Spread and Immunologic Containment Defines Herpes Simplex Virus-2 Reactivation in the Human Genital Tract
4:30 - 4:45pm Break
4:45 - 5:30pm Speed poster presentations (1 min, 1 slide)
6:00 - 8:30pm Reception and Poster Presentation

Friday
9:00 - 9:40am  Rustom Antia: A cross-scale approach to determining measures of vaccine efficacy
9:40 - 10:20am Dennis Chao: Modeling mass vaccination and other interventions: An individual-based approach
10:20 - 10:50am Coffee Break (ESB 5104)
10:50 - 11:30am Elamin Elbasha: Modeling Hepatitis C Virus Transmission and treatment
11:30 - 12:15pm Focused discussion 1
12:15 - 1:30pm Lunch
1:35 - 2:00pm Libin Rong: CD8+ T cell-mediated killing of infected cells plays an essential role in the
2:00 - 2:40pm Jessica Conway: Stochastic modeling insights into early HIV infection
2:40 - 3:10pm Coffee Break
3:10 - 3:50pm Jamie K. Scott: Dynamics of the immune response to HIV infection and their implications for vaccine design
3:50 - 4:30pm David P. Wilson: Public Health Decision-Making in Global HIV/STIs
4:30 - 4:45pm Break
4:45 - 5:45pm Open Forum

Saturday
9:00 - 9:40am  Timothy C Reluga: Risk and Externalities of Adaptive Immune Systems
9:40 - 10:05am Anuj Mubayi: Combating Neglected Disease Leishmaniasis in India: Identifying True Burden & Designing Efficient Control Policy
10:05 - 10:30am Coffee break
10:30 - 11:10am Miles Davenport: Using epidemiological data to understand within-host parasite dynamics of malaria infection.
11:10 - 11:45pm Focused discussion 3
11:45 - Noon Closing remarks & Poster awards